TOSHIBA

DVB · **HD ready** · **HDMI**™ HIGH-DEFINITION MULTIMEDIA INTERFACE · **DVD VIDEO**

disc DIGITAL AUDIO · **disc DIGITAL VIDEO** · **DivX**® · **DOLBY DIGITAL** · **dts Digital Out**™

LCD TV/DVD COMBINATION
19DV615DG
19DV616DG
22DV615DG
22DV616DG
26DV615DG

OWNER'S MANUAL

Owner's Record
The model number and serial number are on the back of your TV/DVD. Record these numbers in the spaces below. Refer to these numbers whenever you communicate with your Toshiba dealer about this TV/DVD.

Model number: _____

Serial number: _____

©2009 Toshiba Corporation
Before operating the unit, please read this manual thoroughly.

Precautions

CAUTION:
THIS UNIT IS A CLASS 1 LASER PRODUCT. HOWEVER THIS UNIT USES A VISIBLE LASER BEAM WHICH COULD CAUSE HAZARDOUS RADIATION EXPOSURE IF DIRECTED. BE SURE TO OPERATE THE PLAYER CORRECTLY AS INSTRUCTED.

THE FOLLOWING CAUTION LABEL IS LOCATED ON THE REAR PANEL OF THE UNIT.

CLASS 1
LASER PRODUCT
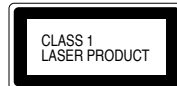
WHEN THIS UNIT IS PLUGGED INTO THE WALL OUTLET, DO NOT PLACE YOUR EYES CLOSE TO THE OPENINGS TO LOOK INTO THE INSIDE OF THIS UNIT.

USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

DO NOT OPEN COVERS AND DO NOT REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

Headphone Warning
Loud music can damage your hearing irreversibly, therefore do not set the volume to a high level when listening through headphones, particularly for extended listening periods.

Information for the DVB-T function
- Any function relative to the digital television (with the DVB logo) is available only within the country or area where such signals are transmitted. Verify with the salesman if it is possible to receive a DVB-T signal in the zone where you live.
- Even if the television conforms to the DVB-T specifications, the compatibility to future digital DVB-T transmissions is not guaranteed.
- Some digital television functions may not be available in some countries.
- The DVB-T system present in this device is FTA (Free to air).
* The "HD ready" Logo is a trademark of EICTA.
* DVB is a registered trademark of the DVB Project. This logo indicates that the product is compliant with European Digital Broadcasting.

Possible Adverse Effects on LCD Screen: If a fixed (non-moving) pattern remains on the LCD screen for long periods of time, the image can become permanently engrained in the LCD TV panel and cause subtle but permanent ghost images. This type of damage is NOT COVERED BY YOUR WARRANTY. Never leave your TV on for long periods of time while it is displaying the following formats or images:
  - Fixed Images, such as stock tickers, video game patterns, TV station logos, and websites.
  - Special Formats that do not use the entire screen. For example, viewing letterbox style (16:9) media on a normal (4:3) display (Black bars at top and bottom of screen); or viewing normal style (4:3) media on a widescreen (16:9) display (Black bars on left and right sides of screen).

The examples used throughout this manual are based on the 26DV615DG model.

Contents

Important safety information

This unit has been produced according to all current safety regulations. The following safety tips should safeguard users against careless use and the dangers connected with such use.

- Although this appliance has been carefully manufactured and rigorously checked prior to leaving the factory, as with all electrical appliances it is possible for problems to develop. If you notice smoke, an excessive build-up of heat or any other unexpected phenomena, you should disconnect the plug from the mains power socket immediately.
- Ensure that the unit is sufficiently ventilated! Never place next to or underneath curtains!
- This set should be only be connected to an AC 220~240V / 50Hz mains power supply - do not attempt to connect it to any other type of supply.
- The apparatus must be connected to a main socket outlet with a protective earthing connection.
- The socket-outlet must be installed near the equipment and easily accessible.
- Any repairs must be carried out by qualified service personnel only.
- Do not open this unit. A non-expert attempting to repair the unit could be dangerous and potentially cause a fire hazard.
- Keep away from rodents. Rodents (and also cockatiels) enjoy biting into electric flexes.
- The animal can cause a short cut (fire hazard!) and receive a fatal electric shock.
- Always hold plug when pulling out plug from power mains supply system. Do not pull on flex. The flex can become overloaded and cause a short cut.
- Never wet clean. Only use a damp cloth, the same as when cleaning furniture.
- Set up unit so that no one is able to trip over the flex.
- This unit is recommended to be installed on shock-free benches in order to avoid any danger from falling.
- Only use the unit on a stable, shock-free base in order to avoid any danger from falling.
- Take note that toddlers can pull the unit down from the table or cupboard by means of its flex. Children can hurt themselves when doing this.
- Do not use the unit near heat sources. The casing and flex could be damaged by the impact of heat.
- The screen is made of glass and can break if damage is done to it. Be careful when collecting sharp-edged glass splitters.
- You could be hurt or the unit could be damaged.
- If the unit is mounted on the wall, contact the shop where you purchased the unit for advice, and leave the installation work to experts. Incomplete installation work can cause you injuries.
- When installing the set on a wall, allow at least 10 cm clearance between the rear of the set and the wall. Clearance of less than 10 cm will obstruct the vents and cause the interior of the set to overheat, resulting in faults or damage to the set.
- Taking fall-prevention measures
  - If these measures are not taken, the unit can fall and you could be injured.
  - Contact the shop where you purchased the unit to obtain full details of the measures.
- When a TV stand is used,
  - Ensure the unit is fully on the stand and placed in the centre.
  - Do not leave the stand doors open.
  - You could be hurt as a result of the unit falling or breaking, or your fingers being caught or jammed. Take extra precautions if you have children.
- Avoid placing the unit on any surfaces that may be subject to vibrations or shocks.
- To protect the unit during a thunder storm unplug the AC power cord and disconnect the aerial. Caution: Do not touch the aerial connector.
- When you leave your home for a long period of time, unplug the AC power cord for safety reasons.
- The unit becomes warm when in operation. Do not place any covers or blankets on the unit in order to prevent overheating. The ventilation holes are not to be blocked. Do not set up near radiators. Do not place in direct sunshine. When placing on a shelf leave 10 cm free space around the whole unit.
- Make some space around TV (Correct shelf assembly).
- The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
  Liquids spilled into the unit can cause serious damage. Switch the set OFF and disconnect the mains power supply, then consult a qualified service person before attempting to use the unit again.
- Moisture condensation occurs, for example, when you pour a cold drink into a glass on a warm day. Drops of water form on the outside of the glass. In the same way, moisture may condense on the optical pick-up lens inside this unit, one of the most crucial internal parts of the unit.
- Moisture condensation occurs during the following cases.
  - When you bring the unit directly from a cold place to a warm place.
  - When you use the unit in a room where you just turned on the heater, or a place where the cold wind from the air conditioner directly hits the unit.
  - In summer, when you use the unit in a hot and humid place just after you move the unit from an air conditioned room.
  - When you use the unit in a humid place.
- Do not use the unit when moisture condensation may occur.
- If you use the unit in such a situation, it may damage discs and internal parts. Remove the disc, connect the mains lead of the unit to the mains power outlet, turn on the unit, and leave it for two or three hours. After two or three hours, the unit will have warmed up and evaporated any moisture. Keep the unit connected to the mains power outlet and moisture condensation will seldom occur.

4

Where to install

Locate the television away from direct sunlight and strong lights, soft, indirect lighting is recommended for comfortable viewing. Use curtains or blinds to prevent direct sunlight falling on the screen.

Place on a sturdy platform, the mounting surface should be flat and steady. It should then be secured to the wall with a sturdy tie using the clip on the back of the stand, or secured to the platform using the fixing strap located underneath the table top stand, this will prevent it from falling over.

The LCD display panels are manufactured using an extremely high level of precision technology, however sometimes some parts of the screen may be missing picture elements or have luminous spots. This is not a sign of a malfunction.

Sturdy tie (as short as possible)

Clip

Hooks

Screw hole

Screw

Band

Side View

Top View

Make sure the television is located in a position where it cannot be pushed or hit by objects, as pressure will break or damage the screen, and that small items cannot be inserted into slots or openings in the case.
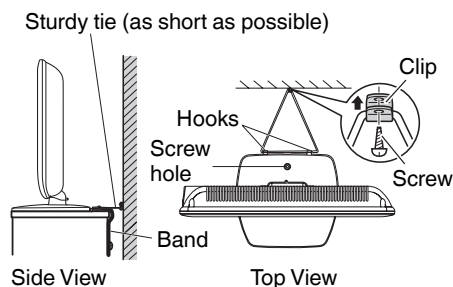
Retractable pedestal stand and locating the LCD TV

Observe the following safety precautions:

1) Ensure that unpacking and transfer of the unit is carried out by two or more people.
2) Put the LCD TV on a large level area in a recumbent posture.
3) Grab the pedestal stand and lift the display up. Confirm the pivot is locked.
4) Place the TV on a sturdy, level surface that can support the weight of the TV.
5) Be sure to secure the TV to a wall stud, pillar, surface, or other immovable structure. To secure the TV in this manner: (1) attach a clip to an immovable structure, then (2) pass a sturdy strap through the clip and attach each end to the hooks located at the back of the TV. Be sure to leave at least 10 cm between the TV and the wall or similar structure for ventilation.

To fold the pedestal stand

1) Slide the lever on the back side of the pedestal stand to the left.
2) Lay the display down.

Slide the lever to the left

Back side of the pedestal stand
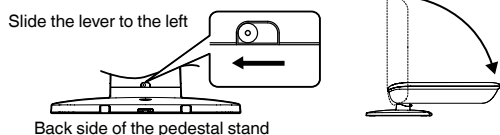
NOTE: Do not operate the LCD TV when the pedestal stand is folded. The pedestal stand should not be folded at any time except for packing purposes.

Please take note

EXCLUSION CLAUSE

Toshiba shall under no circumstances be liable for loss and/or damage to the product caused by:
i)   fire;
ii)   earthquake;
iii)   accidental damage;
iv)   intentional misuse of the product;
v)   use of the product in improper conditions;
vi)   loss and/or damage caused to the product whilst in the possession of a third party;
vii) any damage or loss caused as a result of the owner's failure and/or neglect to follow the instructions set out in the owner's manual;
viii) any loss or damage caused directly as a result of misuse or malfunction of the product when used simultaneously with associated equipment;

Furthermore, under no circumstances shall Toshiba be liable for any consequential loss and/or damage including but not limited to the following, loss of profit, interruption of business, the loss of recorded data whether caused during normal operation or misuse of the product.

If stationary images generated by text services, channel identification logos, computer displays, video games, on screen menus, etc. are left on the television screen for any length of time they could become conspicuous, it is always advisable to reduce both the brightness and contrast settings.

5

Location of controls

Disc slot
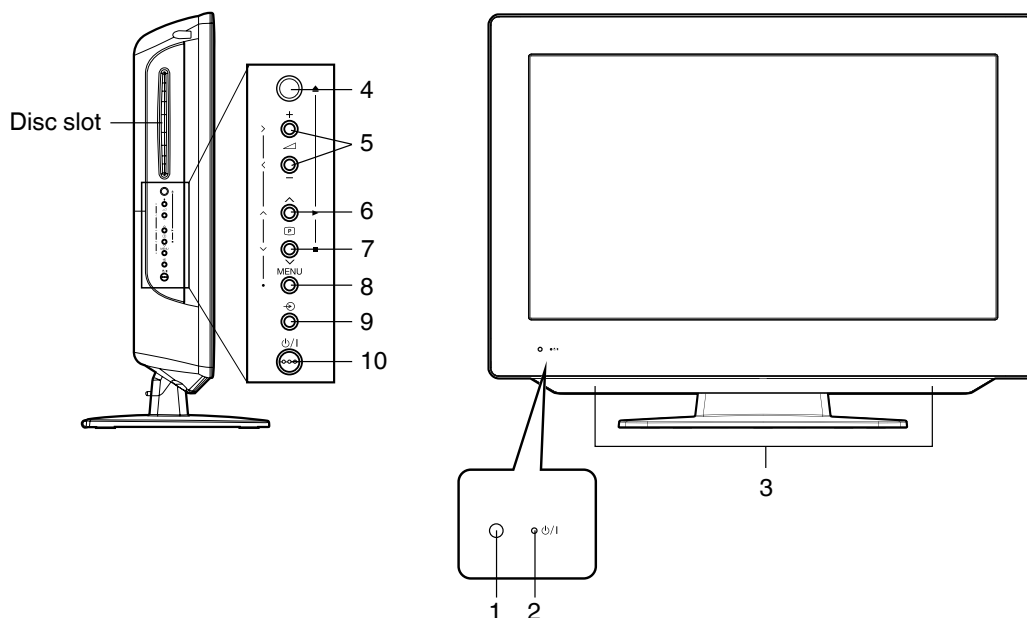
Adjusting the angle of the base (except 26DV615DG)

You can adjust the angle of the TV-screen for 3° forward or for 10° backward from vertical angle.
Hold the base of the TV while adjusting the angle.
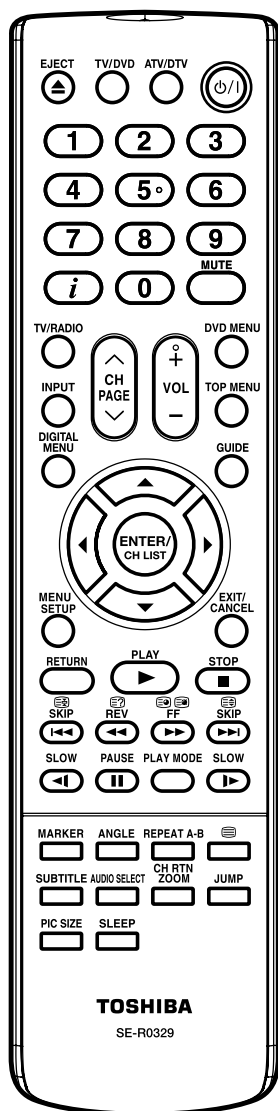
Description of Indicators and Controls

1. **Remote sensor**

2. ⏻ **(Power) indicator:** The LED indicator lights up red in standby mode, orange in standby mode when the timer is activated, and green in the power ON mode.

3. **Loudspeakers**

4. ⏏ **(EJECT):** Eject a disc.

5. ◢ **(Volume) +/– buttons** / In Menu: Setting.

6. Ⓟ **(Channel) ⋀ /PLAY (▶) button:** Press ⋀ to change to a higher numbered channel set into memory. DVD mode : Playback. In Menu: Setting. In Standby: Turning on the unit.

7. Ⓟ **(Channel) ⋁ /STOP (■) button:** Press ⋁ to change to a lower numbered channel set into memory. DVD mode : Stop. In Menu: Setting. In Standby: Turning on the unit.

8. **MENU button:** To display the analogue menu screen.

9. ⊕ **(INPUT SELECT) button:** Select input mode. In Menu : Using as **ENTER** button.

10. ⏻ **(TV) button:** Preparation: Connect power-cable to 230V/50Hz.
    a) If standby-LED is red, you may turn-off. To turn-off, press TV button 1x and release.
       For confirmation, standby-LED will turn off.
    b) If standby-LED is off, you may turn-on. To turn-on, press TV button 1x and release.
       For confirmation, standby-LED will change to red and about 1 second later to green.
    c) If the TV is currently working, press TV button 1x and release to turn-off.
       For confirmation, standby-LED will turn off.
       In TV-off-condition, the unit cannot be turned-on by pressing ⏻ on the remote control.
       In TV-off-condition, the TV's power-consumption is approx. 1 Watt.
       If total disconnection from the mains power is required, please unplug the mains lead.

6

	Function	Page
EJECT ⏏	Eject a disc	33
TV/DVD ○	Select to operate TV/DVD	11, 32
ATV/DTV ○	Switches between the analogue TV and the digital TV	11, 20
⏻	Enter standby mode or turn on the power	10
0 ~ 9	Select channel Select Teletext page Enter password Activate the channel organizer function	14 15 25, 50 22
i	Display program position number Teletext time display	14, 27, 29, 39
MUTE	Turn the sound on/off	14
TV/RADIO ○	Toggle between the TV and radio mode	27
INPUT ○	Select an input source	11
CH PAGE	Change the TV channel or Teletext page up or down In Standby: Turn on the power	14, 15 11
VOL	Volume	14
DVD MENU ○	Select menu of a DVD disc	38
TOP MENU ○	Select title of a DVD disc	38
DIGITAL MENU ○	Activate the digital menu	20
GUIDE ○	Display the EPG (Electronic Progr. Guide)	29, 30
(cursor)	Cursor buttons	10
ENTER/CH LIST	Memorize Teletext page 100 CH LIST	10 15 14
MENU SETUP	Call Setup menu Activate the analogue menu	47 11
EXIT/CANCEL	Exit the menu screen Cancel marking	11 36
RETURN	Remove DVD set up menu	47, 51
PLAY ▶	Play	32
STOP ■	Stop	32
SKIP ⏮	Hold the text page Skip chapter to reverse direction	15 34
REV ◀◀	Reveal quiz page answers Review playpack	15 34
FF ▶▶	Sub page selection Forward playback	15 34
SKIP ⏭	Teletext enlargement Skip chapter to forward direction	15 34
SLOW PAUSE PLAY MODE SLOW	Fastext/TOPtext buttons DVD control buttons	15 34, 37
MARKER	Marking desired scene	36
ANGLE	Change playback angle of a DVD disc	38
REPEAT A-B	Repeat playback between A and B (DVD/CD)	37
▤	Teletext ON/OFF Start Digital Service	15 28
SUBTITLE	Display the subtitle	28, 39
AUDIO SELECT	Select between the available broadcast audio Display the multi audio menu Change sound track language of DVD	16 28 39
CH RTN ZOOM	Switches between the present channel and the last selected channel Zoom (for DVD playback)	14 35
JUMP	Locating desired scene	35
PIC SIZE	Select picture format	17
SLEEP	Sleep Timer	14

TOSHIBA

SE-R0329

7
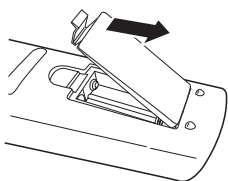
Remote Control

Install the batteries
Use batteries type UM4/R03 (AAA-Size).
Do not use old or weak batteries. The remote control may not work properly with a weak voltage from such batteries. Replace exhausted batteries with new ones. Never try to recharge normal batteries - this could cause an explosion.
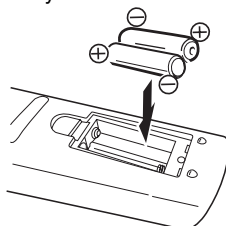**Note:**
Exhausted batteries can leak corrosive electrolyte, which may cause damage to the remote control - therefore remove exhausted batteries immediately.
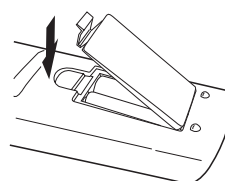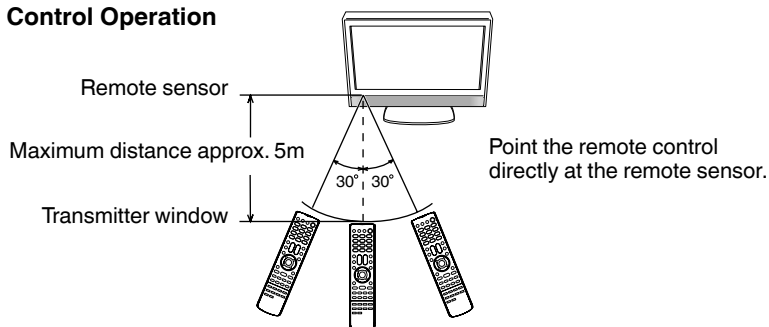
1 Open the battery compartment.

2 Install the batteries as shown below, ensuring the correct polarity.

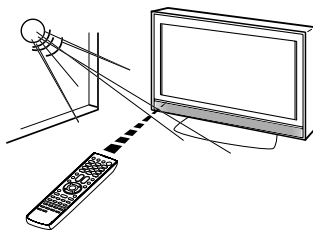3 Close the battery compartment.

Distance of Remote Control Operation

Remote sensor

Maximum distance approx. 5m
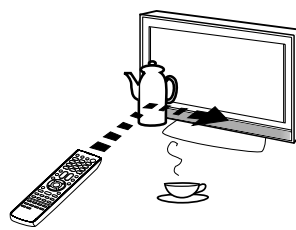
30° 30°

Transmitter window

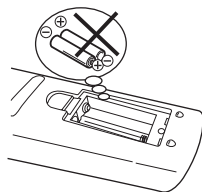Point the remote control directly at the remote sensor.

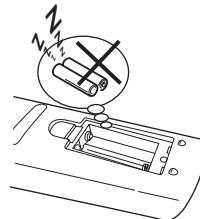The remote control handset will not work properly in the following cases:

If bright sunlight directly beams onto the unit front.

If an obstacle is placed between the unit and the handset.

If the batteries have not been installed according to their polarities.

If the batteries are weak.

8

Note: Before you connect other appliances:
• To avoid potentially damaging your set, make sure all items are switched off and disconnected from the mains power when you make the connections.
• Arrange the desired connection.
• When you have finished making the connections, reconnect the mains power to the unit and switch it back on.

Connect your aerial as shown below. Connections to other equipment is explained further on pages 53~57. If you have problems with reception, consult a specialist of aerial.

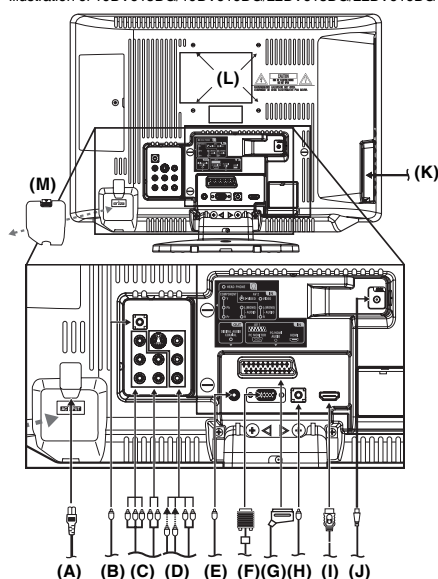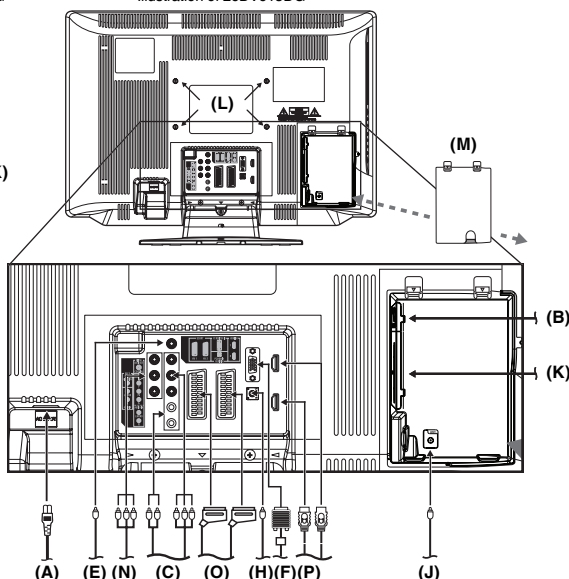Illustration of 19DV615DG/19DV616DG/22DV615DG/22DV616DG   Illustration of 26DV615DG
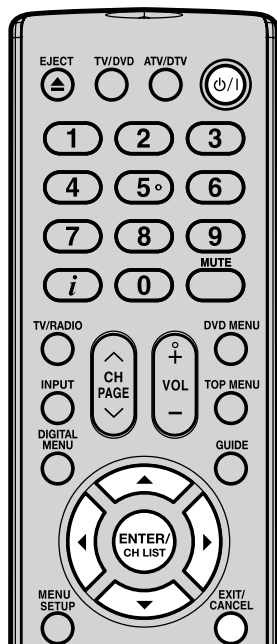
(A) **Power supply:** Connect the supplied power cable to an AC 220-240V/50Hz mains power supply only - do not attempt to connect it to any other type of supply. Never try to repair a damaged AC power cord with isolation-tape - this should be repaired by a specialist or rep laced. Do not let your pet loose near the cable. Animals biting into the cable could receive a fatal electric shock, and could cause a hazard to others.

(B) **HEADPHONE jack:** Plug headphones with a mini plug (3.5 mm) into this jack.

(C) **COMPONENT input:** See page 57.

(D) **AV2 input:** Input for analogue A/V-Signal (Composite or S-Video). See page 56.

(E) **Digital audio output:** Digital output for CD/DVD & DVB-T (see page 56).

(F) **PC MONITOR input (PC):** See page 53.

(G) **Scart socket (AV1):** For the connection of scart cable. See pages 55~56.

(H) **PC/HDMI AUDIO input:** See pages 53, 54.

(I) **HDMI input :** See page 54.

(J) **Aerial input socket:** Connect the outdoor aerial to the aerial input socket as shown.

(K) **C.I. slot:** The Common Interface allows you to insert CAM (Conditional Access Module) and a suitable Smart Card to give you access to additional Pay-TV services. (See page 26) Before inserting the module, make sure to turn off the main power and then insert the module all the way into the slot until it is flushed with the side panel buttons.

(L) **Bracket holes:** Fix a wall mounting bracket (not supplied) here.

(M) **INPUT cover:** When you access the input jacks, remove this cover (except 22DV615DG/22DV616DG).

(N) **AV3 input:** Input for analogue A/V-Signal (Composite). See page 56.

(O) **Scart socket (AV1/AV2):** For the connection of scart cable. See pages 55~56.

(P) **HDMI1/HDMI2 input :** See page 54.

Auto setup

Your unit has an Automatic installation which makes installation in your unit easy. When you turn on the unit for the first time, the Automatic installation routine is activated. Using this routine, you can select the on-screen language and automatically search for and store all the receivable analogue and digital (DVB) channels.
The Automatic station presetting feature is for the set's built-in tuner only. If you have a device such as a digital decoder (eg. Satellite or Digital Terrestrial) connected (see page 55), you would need to tune it in separately according to its own instructions.

Note:
• To cancel the Auto Tuning, press **EXIT** during the process.
• If on the "AUTO INSTALLATION (COUNTRY)" screen "UK" is selected, "Change No." and "Move To" cannot be used in UK (see page 23).

THE AUTOMATIC TUNING PROCESS WILL ONLY START BY ITSELF THE FIRST TIME YOU SWITCH THE SET ON. HOWEVER YOU CAN RESTART THIS PROCESS VIA THE MENU SYSTEM (see page 12 for analogue channels, and page 20 for digital channels).

Preparation:
Press ⏻/❙ on the unit.

1 AUTO INSTALLATION menu will appear.
Press ▲ or ▼ to select LANGUAGE, then press **ENTER**. Press ◄ or ► to select desired language.
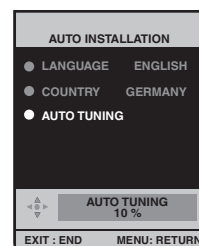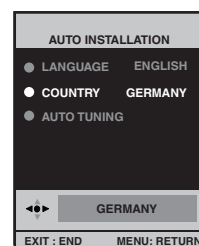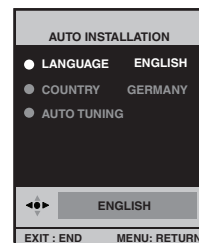Then press **ENTER**.

2 Press ▲ or ▼ to select COUNTRY, then press **ENTER**.
Press ◄ or ► to select your country.
Then press **ENTER**.

3 Press ▲ or ▼ to select AUTO TUNING, then press **ENTER**.
The confirmation screen will be displayed. Press **ENTER** to start automatic tuning.
Your TV will now automatically tune in all available channels.
Your TV will tune the analogue channels first, then tune the digital channels.

Note:
• **Please be patient - the Auto Tuning process can take several minutes to complete.**

When the programme on the screen stops changing and the sound comes on, the search process is complete.

AUTO INSTALLATION
● LANGUAGE   ENGLISH
● COUNTRY   GERMANY
● AUTO TUNING

◄◆► ENGLISH

EXIT : END   MENU: RETURN

AUTO INSTALLATION
● LANGUAGE   ENGLISH
● COUNTRY   GERMANY
● AUTO TUNING

◄◆► GERMANY

EXIT : END   MENU: RETURN

AUTO INSTALLATION
● LANGUAGE   ENGLISH
● COUNTRY   GERMANY
● AUTO TUNING

AUTO TUNING
10 %

EXIT : END   MENU: RETURN

(ANALOGUE)

Auto Scan   DVB-T 16QAM
TV   :003   Radio   :001
001 BBC ONE   070 BBC Radio 1
002 BBC TWO
007 BBC THREE

Carrier   :1
Frequency (kHz)   :562000
—Searching.—
—Progress

(DIGITAL)

10

Quick guide for ANALOG MENU operation/Selecting the video input source/On-screen Language Selection

Make sure the aerial connection and power supply are connected as per the description on previous page.

Preparations:
- Turn on the unit with the ⏻/| button on the unit. The ⏻/| (Power) indicator will light up in green.
  To change the unit to standby mode, press ⏻/| on the remote control. ⏻/| (Power) indicator will change from green to red. To turn on the unit from standby mode, press ⏻/| on the remote control again.
  In standby mode, you can also turn the unit on with the Ⓟ (Channel) ∧ or ∨ on the unit or **PAGE** ∧ / ∨ on the remote control.
  To turn off the unit press ⏻/| button on the unit - to completely switch it off, disconnect the mains power supply.
- Press **TV/DVD** to select the TV mode.
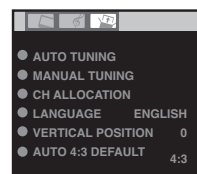- Press **ATV/DTV** to select the analogue TV mode.

Note:
- If no buttons are pressed for more than approx. 60 seconds, the MENU disappears automatically.

Quick guide for ANALOG MENU operation
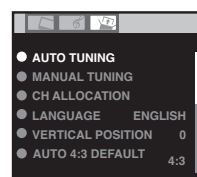Call ANALOG MENU and for example: Select AUTO TUNING.

1 Press **INPUT**.
Select ATV. Press **MENU**.

2 Press ◄ or ► to select 🎬.

AUTO TUNING	
MANUAL TUNING	
CH ALLOCATION	
LANGUAGE	ENGLISH
VERTICAL POSITION	0
AUTO 4:3 DEFAULT	4:3

3 Press ▲ or ▼ to select AUTO TUNING, then press **ENTER** to enter the AUTO TUNING menu.

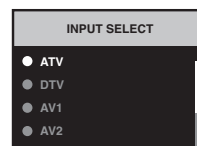... on the following pages the MENU can be called in the same way as here.

AUTO TUNING	
MANUAL TUNING	
CH ALLOCATION	
LANGUAGE	ENGLISH
VERTICAL POSITION	0
AUTO 4:3 DEFAULT	4:3

4 Press **EXIT** to return to the normal screen.

Selecting the video input source

Press **INPUT** to view a signal from another device connected to your TV, such as a VCR or DVD player. You can select each input source depending on which input jacks you used to connect your devices.
To select the video input source, press ▲ /▼. Then press **ENTER** within 6 seconds.
- You can return to ATV mode by pressing a numbered button even if you switched to external input mode from DTV mode.

| INPUT SELECT |
| ● ATV |
| ● DTV |
| ● AV1 |
| ● AV2 |

On-screen Language Selection

1 Select LANGUAGE (unless you have already selected when the set was first switched on).
Then press **ENTER**.

AUTO TUNING	
MANUAL TUNING	
CH ALLOCATION	
LANGUAGE	ENGLISH
VERTICAL POSITION	0
AUTO 4:3 DEFAULT	4:3
◄●► ENGLISH	
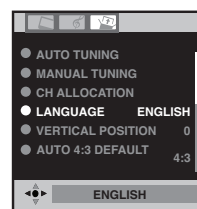
2 Press ◄ or ► to select the desired language.

3 Press **EXIT** to return to the normal screen.

Automatic station presetting with the built-in Tuner/ Changing the order of stored channels

Automatic station presetting with the built-in Tuner
Perform this feature to search for and store new analogue TV programmes after the Automatic installation. (see page 10)

Preparation:
Make sure your antenna is connected to the aerial input (see page 9). Select ATV (see page 11). Then press **MENU**.
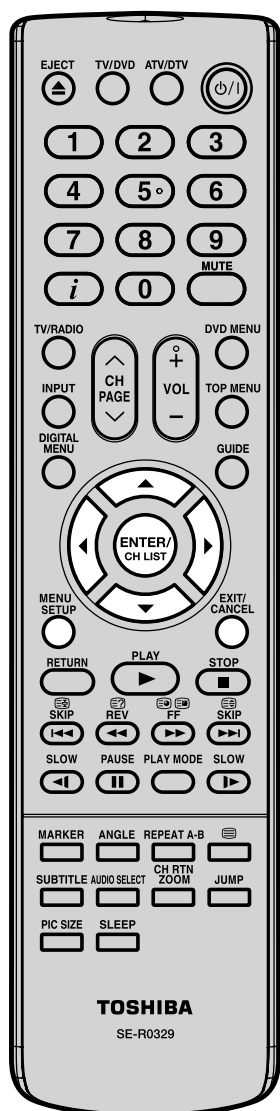
1 Select AUTO TUNING, then press **ENTER**.

```
● AUTO TUNING
● MANUAL TUNING
● CH ALLOCATION
● LANGUAGE        ENGLISH
● VERTICAL POSITION    0
● AUTO 4:3 DEFAULT   4:3
```

2 Select COUNTRY, then press **ENTER**. Press ◄ or ► to select your country, then press **ENTER**.

```
● COUNTRY        UK
● START

◄●► UK
```

3 Select START. Then press **ENTER**.
The automatic tuning will search for available broadcasts and should store the channels in the correct order. During the search the sound is muted. When all programs have been stored, the normal TV screen will appear.

Changing the order of stored channels
The Automatic station presetting stores the stations in a specific order. However, this order can be changed if you wish.

1 Select CH ALLOCATION. Then press **ENTER**.

```
● AUTO TUNING
● MANUAL TUNING
● CH ALLOCATION
● LANGUAGE        ENGLISH
● VERTICAL POSITION    0
● AUTO 4:3 DEFAULT   4:3
```

2 Select desired option, then press **ENTER**.

```
● SORT
● ERASE PROGRAM
● SKIP
● CH LABEL
```

3 After setting the each option, press **MENU** to return to CH ALLOCATION menu.

4 Press **EXIT** to return to the normal screen.

Description about the each setting option:
SORT: Press ▲ or ▼ to select the channel that you want to move, then press **ENTER**.
Press ▲ or ▼ to select the position that you want to move the channel to, then press **ENTER**.
ERASE PROGRAM: Press ▲ or ▼ to select the channel that you want to erase, then press **ENTER**.
SKIP: Press ▲ or ▼ to select the channel that you want to skip, then press **ENTER**. ✳ mark will appear.
CH LABEL: Press ▲ or ▼ to select channel that you want to rename, then press **ENTER**. Press ▲ or ▼ to select character, then press ◄ or ►. The cursor will move to the next position. Press **ENTER** to set the channel label.

Note:
- To restart digital auto tuning, see page 20.
- When the COUNTRY is set to UK, the automatic tuning will search for UHF broad-casts only.
- When changing the order of the channels, it is best to start with Ch1.
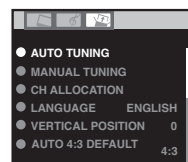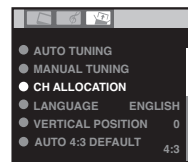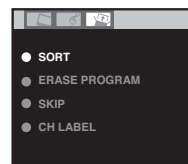
12

TOSHIBA
SE-R0329

Manual TV station presetting

If you like, you may manually tune a certain station into a selected program position, without deleting or modifying program position's contents. Example: Store the BBC 2 into program position 2.

1 **Preparation:** connect aerial cable. Select program position 2. Press **2** (see page 14). OSD will indicate "2" in right upper corner. Eventually recently stored TV-channel's name might also appear.

2 Press **MENU**. Press ◄ or ► to select tool-page (see right). Press ▲ or ▼ to select MANUAL TUNING. Press **ENTER**.

- ● AUTO TUNING
- ● MANUAL TUNING
- ● CH ALLOCATION
- ● LANGUAGE   ENGLISH
- ● VERTICAL POSITION   0
- ● AUTO 4:3 DEFAULT
                     4:3
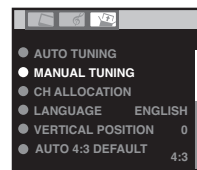
3 Press ▲ or ▼ to select COLOUR SYSTEM, then press **ENTER**. Press ◄ or ► to select AUTO, PAL or SECAM, then press **ENTER**.
Please note that PAL should be selected for use in UK.

- ● SEARCH
- ● FINE   168.30MHz
- ● COLOUR SYSTEM   AUTO
- ● SOUND SYSTEM   AUTO

    BBC1   168.30MHz
              AUTO

4 Press ▲ or ▼ to select SOUND SYSTEM, then press **ENTER**. Press ◄ or ► to select AUTO, B/G, I, D/K or L/L', then press **ENTER**.

- ● SEARCH
- ● FINE   168.30MHz
- ● COLOUR SYSTEM   AUTO
- ● SOUND SYSTEM   AUTO

    BBC1   168.30MHz
              AUTO

5 Press ▲ or ▼ to select SEARCH. Press **ENTER**. Press ◄ or ►, to start tuning. Tuning will stop automatically at next available station. If this does not happen to be the BBC 2, press ◄ or ► again to continue tuning for the BBC 2. Then press **ENTER**.

- ● SEARCH
- ● FINE   168.30MHz
- ● COLOUR SYSTEM   AUTO
- ● SOUND SYSTEM   AUTO

    BBC1   168.30MHz

6 If you like to use fine-tuning, select FINE and press **ENTER**. Press ► or ◄ to fine tune. See the note on this page.

- ● SEARCH
- ● FINE   175.30MHz
- ● COLOUR SYSTEM   AUTO
- ● SOUND SYSTEM   AUTO

    BBC1   175.30MHz

7 To store other stations in additional memory-cells, repeat steps 1 to 6.

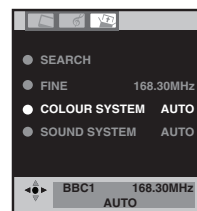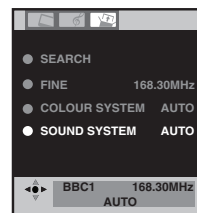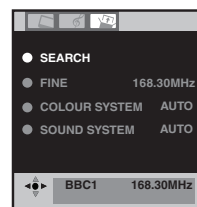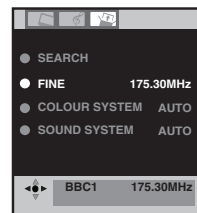8 Press **EXIT** to return to the normal screen.

Note:
- Usually fine tuning is not necessary, due to tuning's automatically stopping at the very best position. If you fine-tune anyway, proper working of teletext-reception with built-in tuner is no longer guaranteed.

TOSHIBA

SE-R0329

EJECT   TV/DVD   ATV/DTV

1   2   3
4   5   6
7   8   9
i   0   MUTE

TV/RADIO   DVD MENU
INPUT   CH PAGE   VOL   TOP MENU
DIGITAL MENU   GUIDE

ENTER/ CH LIST

MENU SETUP   EXIT/ CANCEL

RETURN   PLAY   STOP

SKIP REV FF SKIP
SLOW PAUSE PLAY MODE SLOW

MARKER ANGLE REPEAT A-B
SUBTITLE AUDIO SELECT CH RTN ZOOM JUMP
PIC SIZE SLEEP

13

Basic Operation

Channel selection

With the **numbered buttons**.
Example:
• No. 2: Press **0** and within 2 seconds, press **2**.
• No. 29: Press **2** and within 2 seconds, press **9**.

Press **CH ∧** or **∨** to change up or down a channel. This takes approx. 2 seconds. If the auto search only stored 5 stations, only these 5 will appear. Skipped channels will not appear (see page12).

The CH LIST shows a list of all receivable programmes. They are located in channels 1 to 99.
Press **CH LIST** to display the CH LIST.
Press ▲ or ▼ to select the desired channel.
Press **CH LIST** to display the selected channel. Press **EXIT** to exit.

QuickView

CH RTN button allows you to go back to the last selected channel.

Volume adjusting

Press **VOL +** or **–** to adjust the volume. The volume level indicator disappears after 4 seconds.

MUTE

Press **MUTE**. The sound will be cut off. MUTE will appear for approx. 4 seconds.
The muting can be released by pressing **MUTE** again or **VOL +** or **–.**

Information display

In the analogue TV mode: Press ***i***. Channel number and picture size setting will appear for approx. 4 seconds.
In the digital TV mode: Press ***i***. The program information will appear (see 'Channel banner' on page 27).

```
STEREO                    1
                          ARD




AUTO
```

SLEEP TIMER

To set the sleep timer press **SLEEP**. SLEEP and the minutes will appear. Each time you press **SLEEP**, the SLEEP time shown will change in the order of 120, 110, 100, 90, 80, 70, 60, 50, 40, 30, 20, 10, 0. When the displayed time runs out, the unit will switch to standby. The display will disappear after approx. 4 seconds.

To cancel the sleep timer:

Press **SLEEP** repeatedly until '0' appears.

Note:
• If the built-in tuner does not receive anything (e.g. if no antenna is connected) during TV-operation, then the TV-unit will change to standby after approx. 15 minutes.

14

Teletext is sent page by page. This unit is able to automatically store up to 256 pages, but they can only be accessed once they have been stored. This can take a few moments.

Fastext/TOPtext
The Fastext/TOPtext is teletext with a special directory.
On the lower part of the screen there are four different coloured fields (red, green, yellow and blue). These fields lead directly to the pages shown within. The coloured buttons on the remote control correspond to the coloured fields. Press the appropriate coloured button in order to activate the desired colour field.

### Switch on / off Teletext
Teletext is not transmitted by all channels. Select a channel that shows teletext.
Press ▤. You will now see a teletext page. (If "100" is shown without any text information, it may mean that the channel you have selected does not support teletext.)
Press ▤ again. The TV-screen will be split into two and both Teletext information and actual broadcast will be displayed at the same time.
Press ▤ again in order to switch off teletext.
Press ▤ again in order to switch on teletext again. The last page which was stored is now shown.
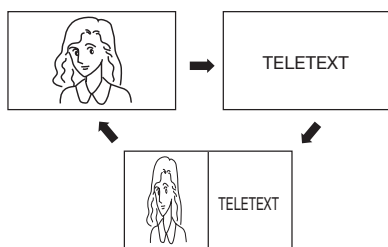
Note:
• You cannot select any other channels as long as teletext is switched on. Switch teletext off when you want to switch over to another channel.

Select Page
Press **CH** ∧ or ∨ until the page you desire appears. Or ... enter the requested page number by using the **10 Number Buttons**.
And if you mistype something, just enter the complete 3-digit wrong page number then enter the desired number again. Or ... press one of the coloured teletext buttons so that a page from Fastext/TOPtext is shown.

Hold Pages
Some pages are divided up into subpages by the channel.
Subpages are automatically shown in turn, as they are transmitted. In order to hold the page, press ▤. Press ▤ again in order to display the next subpage.

Directly Select Subpages
You can directly select the subpages if required.
Example:
Page 128 from Teletext comprises of 2 subpages. In the right upper corner you will, for example, see 1/2. That means that page one of 2 subpages is being shown at the moment.

128 128 CEEFAX 21.07.03 15:01:38
                                        1/2 ←

Press ▤ ▤ in order to select subpage 2. 4 dashes (----) are shown. Enter **0 0 0 2**. It can take a minute before subpage 0002 appears.
Press ▤ ▤ again in order to switch off the subpage feature.
You can only select other teletext pages when the subpage feature is switched off.

Enlargement
In order to enlarge the display, press ▤.
Either the upper or lower half of the screen is enlarged.
Each time you press ▤ you switch between the display of the upper or lower half of the screen or the full picture.

Answering Quiz Questions
Some pages contain quiz questions with concealed answers.
Press ▤ in order to show the answers.

Page 100
Press **ENTER** in order to show page 100.

15

Stereo reception with the built-in analogue tuner

The built-in Tuner can detect and receive NICAM stereo broadcasts automatically.

TOSHIBA

SE-R0329

Note:
• In case of bad reception, the stereo sound also can be disturbed.

NICAM stereo sound reception:

1 Select NICAM, then press **ENTER**. Press ◄ or ► to select AUTO or OFF. Select OFF if you do not want to receive NICAM sound.

● NICAM	AUTO
● BASS	25
● TREBLE	25
● BALANCE	0
● SURROUND	OFF
● HDMI1 AUDIO	HDMI
◄► **AUTO**	
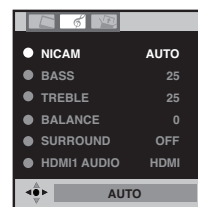
2 Press **EXIT** to return to the normal screen.

The following types of broadcast are possible with NICAM transmissions

'NICAM ST' illuminates for approx. 4 seconds when a NICAM STEREO broadcast signal is received.

NICAM ST

'NICAM M1' illuminates for approx. 4 seconds when a NICAM MONO A broadcast signal is received.

NICAM M1

'NICAM M1/M2' illuminates for approx. 4 seconds when a NICAM MONO A and MONO B broadcast signal is received.

NICAM M1 / M2

This will be displayed for approx. 4 seconds if a NICAM signal is received when the 'NICAM OFF' option is selected.

NICAM OFF

Stereo reception in Germany

'STEREO' illuminates for approx. 4 seconds when a STEREO broadcast signal is received.

STEREO

When 2-channel sound reception is available, you can select your preferred audio with the AUDIO SELECT button.

Each time you press **AUDIO SELECT**, the sound channel will switch to the alternative channel available.

NICAM 2-channel sound reception (not available in Germany)

NICAM M1/M2 ⟷ NICAM M1/M2

2-channel sound reception in Germany

SOUND 1 / 2 ⟷ SOUND 1 / 2
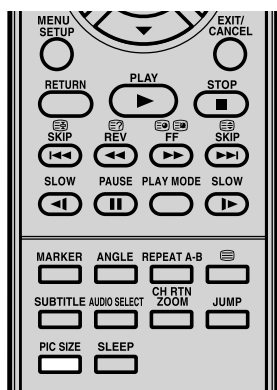
52R0131A_ENG.indd   16   4/3/09   11:08:27 AM

The broadcaster may transmit a Wide Screen Signalling (WSS) signal which can determine the correct picture width and set it automatically when the AUTO setting is used. If you want to change this setting, you can select from the formats listed below.

AUTO

Press **PIC SIZE** repeatedly until AUTO appears.

Notes:
- When the PICTURE SIZE is set to AUTO, the aspect ratio will automatically change according to the Wide Screen Signalling (WSS) signal, if it is available. This may be either transmitted by the broadcasting TV channel, or via a recording from a VCR etc. Any WSS signal received will only be effective in the AUTO mode - however, some DVD players / Digital Decoders etc. will automatically switch the aspect ratio via the SCART input (Pin 8 switching), even if AUTO is not selected.
  In any case if you want to change to a different aspect ratio to the one selected automatically, you can change it by pressing **PIC SIZE**.
- In PC mode, the PICTURE SIZE feature is available only for 16:9 or 4:3 format.
- In HDMI or COMPONENT mode of scanning rate: 720p and 1080i, the PICTURE SIZE feature is available only for 16:9 or REAL (HDMI only) format.
- Using the special functions to change the size of the displayed image (i.e. changing the height/width ratio) for the purposes of public display or commercial gain may infringe on copyright laws.

Manual format setting

Pressing **PIC SIZE** repeatedly scrolls through the following options.

4:3

This mode shows a 4:3 picture in its original size and shape with vertical bands on the left and right side.
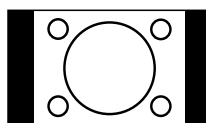
16:9

This mode is used with 16:9 signals from a Digital decoder, DVD player or other external source. This uniformly stretches a 4:3 image horizontally to fill the screen (For example, a 16:9 image is often stored "anamorphically" on a DVD, where the 16:9 image is stored as a horizontally compressed 4:3 image - this mode restores the image to its correct 16:9 proportions).

(16:9)
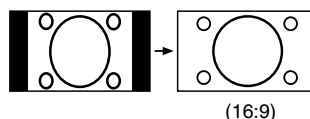
CINEMA:

This mode is used to zoom-in on (expand) 4:3 'letterbox' format pictures (with black bars at the top and bottom) so that they fill more of the screen.
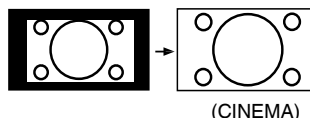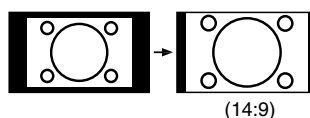
(CINEMA)

Note:
- In the CINEMA mode, part of the picture may be slightly cut off due to the expansion. However, it is possible to scroll the picture up or down to view the top or bottom part of the picture (see page 18).
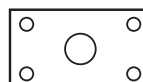
14:9

This enlarges a 4:3 picture to the 14:9 format.

(14:9)

REAL (HDMI mode only)

The picture is displayed with original size.

17

Other convenience functions

You can change the default settings to convenience use.

Icon	Selected Items		Setup hint
	PICTURE PREFERENCE	SPORTS	Bright and dynamic picture (factory-set)
		STANDARD	Standard picture quality (factory-set)
		MOVIE	Movie-like picture setting (factory-set)
		MEMORY	Your personal preferences
	BRIGHTNESS / CONTRAST / COLOUR / TINT(NTSC) / SHARPNESS		You can adjust the picture to your preference. The "TINT(NTSC)" option can be selected if an NTSC 3.58MHz or NTSC 4.43MHz signal is input through one of the AV sockets, and NTSC or AUTO has been selected for the AV COLOUR option.
	DNR*¹ (26DV615DG)	OFF / LO W / MEDIUM / HIGH	Sometimes it is not possible to input a high-quality HD signal. The actual signal input is too small and noisy, e.g. a video film in letterbox format, or a noisy analogue cable TV signal. DNR can slightly reduce interferences caused by the faulty input signal.
	COLOUR TEMPERATURE		Bluish (COOL) / Neutral (MEDIUM) / Reddish (WARM)
	BLUE BACK	ON / OFF	You can set the TV to automatically change to a blue screen and mute the sound if the signal is weak or absent.
	BACKLIGHT		You can use the Back light feature to adjust the screen brightness for improved picture clarity.
	RESET		Select "RESET" to reset PICTURE PREFERENCE, BRIGHTNESS, CONTRAST, COLOUR, TINT(NTSC), SHARPNESS, COLOUR TEMPERATURE and BACKLIGHT to the factory preset values.
	NICAM		See page 16.
	BASS / TREBLE / BALANCE		You can adjust the sound quality to your preference.
	SURROUND (26DV615DG)	ON / OFF	The SURROUND feature processes the audio signal to expand the listening field wider and deeper to create a 'pseudo surround-sound' from the TV's speakers. The feature works with stereo signals from TV broadcast or AV input.
	HDMI AUDIO (19/22DV615/616DG)/ HDMI1 AUDIO (26DV615DG)		See page 54.
	RESET		Select "RESET" to reset BASS, TREBLE and BALANCE to the factory preset values.
	AUTO TUNING		See page 12.
	MANUAL TUNING		See page 13.
	CH ALLOCATION		See page 12.
	LANGUAGE		See page 11.
	VERTICAL POSITION		When the CINEMA mode is selected (see page 17), you can adjust the vertical picture position. Press ◄ or ► to adjust the vertical position of the picture by up to +10 and downwards by up to -10.
	AUTO 4:3 DEFAULT *²	4:3 / 16:9	This option selects the default way that a 4:3 signal is shown - either as normal "4:3" or expanded in the "16:9" mode, according to your preferences.
	SLEEP TIMER	0~120 min(every 10 minutes)	You can set SLEEP TIMER to automatically turn off the TV. To cancel the SLEEP TIMER, set to "0".
	AV1 INPUT/ AV2 INPUT (26DV615DG)		Selecting the "AV1 INPUT" or "AV2 INPUT" type - this ensures that the TV processes the input signal correctly. Press ◄ or ► to select AV, S-VIDEO or RGB.
		AV	Composite signal (e.g. from a video recorder).
		S-VIDEO	S-Video signal (e.g. from DVD player with S-Video output).
		RGB	RGB signal (e.g. from DVD player with RGB output).
	AV1 OUTPUT (19/22DV615/616DG)		This determines whether the AV1 outputs the signal from the internal tuner or whatever input is shown on the screen.
		TV	Outputs the last channel position selected.
		MONITOR	The picture displayed on TV-screen.
	AV COLOUR *³		The AV Colour setting only applies when viewing devices connected to the AV inputs.
	REC SCREEN STATUS	ON / OFF	This function is used in conjunction with the Timer function that is included as part of the Digital EPG. It determines whether the TV screen switches on or not when a programmed Timer setting begins - see page 30 for further details.
	RESET TV SETTING		Press **ENTER** to enter the RESET TV SETTING screen. Press ▲ or ▼ to select "YES", then press **ENTER**. Reset the TV function will now begin, and this unit will automatically turn off. As the power is not automatically turned on, press ⏻/| to watch TV.

Note:
*¹ In HDMI or COMPONENT (except 480i/576i) mode, the DNR option cannot be selected.
*¹ The interferences from the input are suppressed most if HIGH is set. This could result in side-effects such as loss of sharpness and smearing.
*² AUTO 4:3 DEFAULT is available only for AUTO picture size setting.
*² In COMPONENT mode, AUTO 4:3 DEFAULT is available only for 480i/576i mode.
*³ PAL is the colour system used in Germany. NTSC 3.58 is used in the USA, PAL 60 used in Germany handled video recorders, which play NTSC video tape recording.
If the picture shows horizontal stripes, set to AUTO.

18

Guide to using the Digital Menu system

When the set is in the digital mode, you can access the main menu by pressing DIGTAL MENU on the remote control. This main menu contains several options,
- **Language Setup**
- **Channel Organizer**
- **Installation**
- **System Configuration**
- **Technical Information**
- **Common Interface**

The main menu is the gateway for all the other 'sub' menus. You can navigate between the different options in the main menu by pressing ◄ or ►.
The DIGITAL MENU button will also function like an 'EXIT' button, i.e. when any menu is active, pressing the DIGITAL MENU button will return to the previous stage.
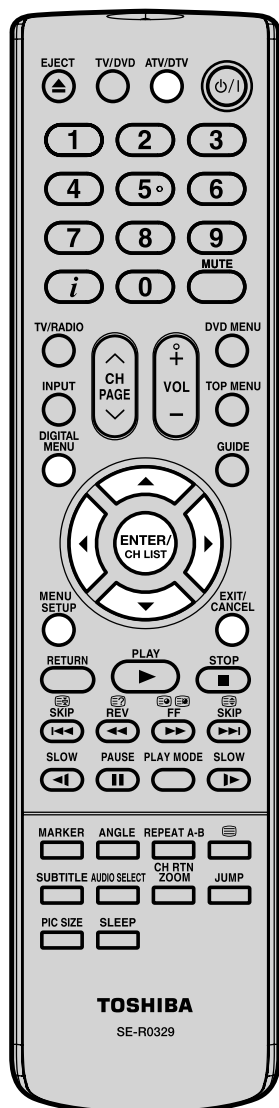
Preparation:
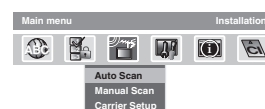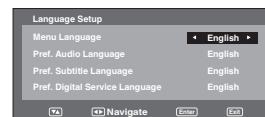Press **ATV/DTV** to select the digital TV mode.

1 Press **DIGITAL MENU** to display the Main menu.
Press ◄ or ► to select desired options. (Example: selecting the Language Setup option.)

Installation
Channel Organizer   System Configuration
Language Setup   Technical Information
Common Interface

Guide of the available buttons
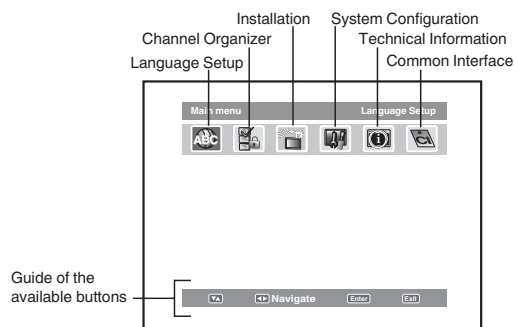
2 Press **ENTER**.
The selected menu will appear.

Some of the options have a sub menu.
Press ▲ or ▼ to select desired sub menu, then press **ENTER**.

(Example: sub menu in the Installation option.)

Auto Scan
Manual Scan
Carrier Setup

3 When you have finished making adjustments, press **EXIT** to return to the normal screen.
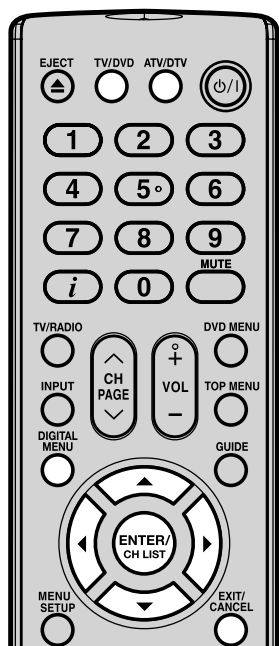
Note:
In analogue TV mode, **DIGITAL MENU** will not work. Please press **ATV/DTV** to select digital TV mode to display the digital menu.
However, it is possible to use the **MENU** in the digital TV mode.
The analogue menu includes some general settings for this TV that apply to both modes, and it will be displayed over the digital TV screen.
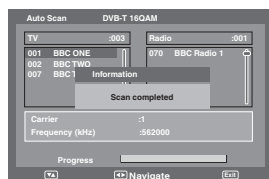
TOSHIBA
SE-R0329

19

Language Setup/Auto Scan

Language Setup

Preparation:

Switch on appliance. Press **TV/DVD** to select the TV mode, then press **ATV/DTV**.
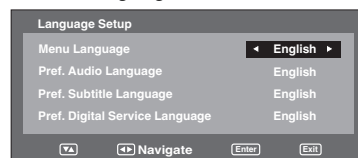
The appliance switches over to DVB-T-mode.

Menu languages supported are English, French, German, Italian, Spanish, Russian, Portuguese, Dutch, Polish, Swedish, Turkish, Finnish, Greek, Danish and Norwegian. (Welsh and Gaelic are available only for Digital Service Language.)

1 Press **DIGITAL MENU**, the menu will appear on the screen. Press ◄ or ► to select Language Setup option, then press **ENTER**.

Main menu	Language Setup

Language Setup

2 Language Setup menu will appear.
Press ▲ or ▼ to select the item you want to change.
Press ◄ or ► to select desired language.

Language Setup	
Menu Language	◄ English ►
Pref. Audio Language	English
Pref. Subtitle Language	English
Pref. Digital Service Language	English

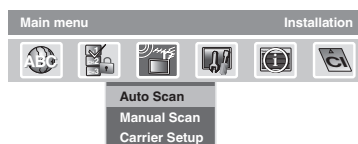▼▲   ◄► Navigate   Enter   Exit

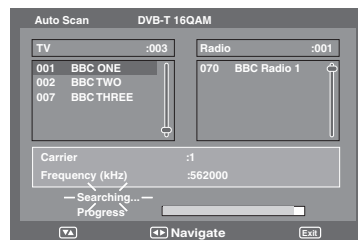**3** When all changes are decided, press **EXIT** to return to the normal screen.

Auto Scan

Preparation:

Please ensure that all the connections have been made correctly (see page 9).

1 Press ▲ or ▼ to select 'Auto Scan' then press **ENTER**.

Main menu	Installation

Auto Scan
Manual Scan
Carrier Setup

2 The confirmation banner will be displayed.
Press ◄ or ► to select 'Yes' or 'No', then press **ENTER**.

3 The Auto Scan process will now begin.
The scanning process will be displayed in the progress bar.

Auto Scan	DVB-T 16QAM

TV	:003	Radio	:001
001 BBC ONE		070 BBC Radio 1	
002 BBC TWO			
007 BBC THREE			

Carrier	:1
Frequency (kHz)	:562000

— Searching... —
Progress

▼▲   ◄► Navigate   Exit

Note:
- If "FINLAND" is selected on the "AUTO INSTALLATION (COUNTRY)" screen, two languages are displayed for each item and the first selected language has priority. The language output depends on the languages contained in the broadcast.
- All the channels will be deleted before the scanning process begins.
- You can cancel the scan process at any time by pressing **EXIT**. The carriers and the services stored before **EXIT** is pressed will be stored.
- When the signal from the broadcasting station is being updated and you are watching a digital broadcast, the channel will be automatically updated. The list of services screen will appear while updating, and the 'Scan completed' message will be shown after the update is complete.

Auto Scan	DVB-T 16QAM

TV	:003	Radio	:001
001 BBC ONE		070 BBC Radio 1	
002 BBC TWO			
007 BBC1 Information			

Scan completed

Carrier	:1
Frequency (kHz)	:562000

Progress

▼▲   ◄► Navigate   Exit

20

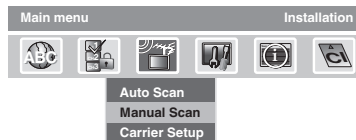## Manual Scan

With the Manual Scan option, you can tune one carrier at a time, by entering the carrier parameters manually.

1 Press ▲ or ▼ to select 'Manual Scan', then press **ENTER**.

Main menu					Installation
ABC				i	

Auto Scan
Manual Scan
Carrier Setup

2 You can choose the carrier number from the Channel list by using ◄ or ► and the corresponding frequency set for the carrier will be set for tuning.

Otherwise you can also directly enter the frequency value to start the tuning.

Manual Scan	
Channel list	◄ Ch-21 ►
Frequency (kHz)	474000
▼▲ ◄► Navigate 0..9 Enter Exit	

3 After setting the carrier, press **ENTER** to start the scanning. During the scan process, the list of services (TV/Radio) collected for the carrier will be listed.

4 Then the confirmation banner will be displayed.
Press ◄ or ► to select 'Yes' or 'No', then press **ENTER**.

5 Press **EXIT** to return to the normal screen.

Carrier Setup

The Carrier setup option menu lists all the carriers (multiplexes) that are currently available and allows you to Rename, Delete or Rescan carriers individually.

1 Press ▲ or ▼ to select 'Carrier Setup' then press **ENTER**.

Main menu					Installation
ABC				i	

Auto Scan
Manual Scan
Carrier Setup
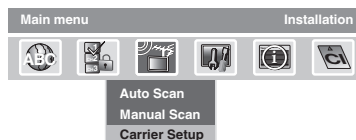
2 All the carriers are listed with their frequency and service information - the user can scroll through the carrier list and select each one individually to Rename, Delete or Rescan.

3 **Rename:**
Select carrier, then press **Red** button. The alphanumeric keypad will appear. You can rename a service as per your preference (see page 23).

Delete:
Select carrier, then press **Green** button. The check mark (✓) will be displayed for selected carrier. Then press **ENTER**. The confirmation banner will be displayed. Press ◄ or ► to select 'Yes' or 'No', then press **ENTER**. If the option 'Yes' is selected then all the marked carriers will be deleted from the list.

Rescan:
Rescan allows to tune the already tuned carrier, to collect any new programmes that are currently available in the stream. Press **Blue** button, to rescan the current selected carrier.
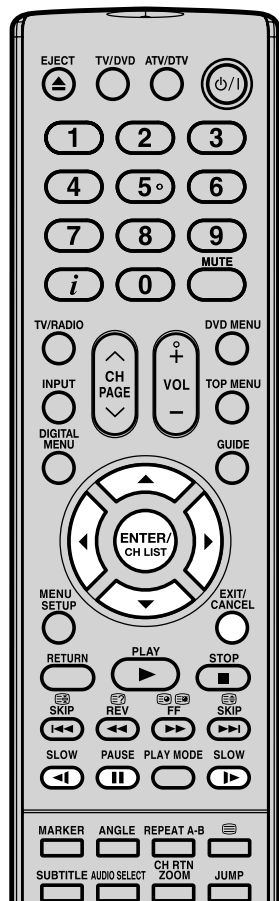
**Note:**
• If on the 'AUTO INSTALLATION (COUNTRY)' screen 'FINLAND' is selected, 'Frequency (kHz)' cannot be used.
• **When the Country is set to FINLAND in the 'AUTO INSTALLATION (COUNTRY)'**
If there is a Channel List in the data after Auto Scan or Manual Scan, Channel Type Selection Menu will be displayed and available to set Channel List Type.
Select the Channel List Type by pressing ◄/► and press **ENTER**
• If "FINLAND" is selected on the "AUTO INSTALLATION (COUNTRY)" screen, Data is displayed on the "Carrier Setup" screen.
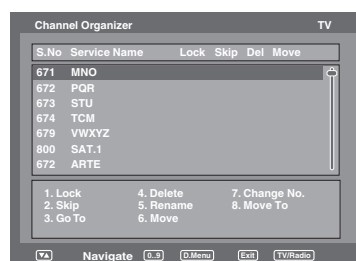
21

Channel Organizer

The Channel Organizer feature provides options to organise the channels. The following options are supported: Lock, Skip, Go To, Delete, Rename, Move, Change No., Move To.
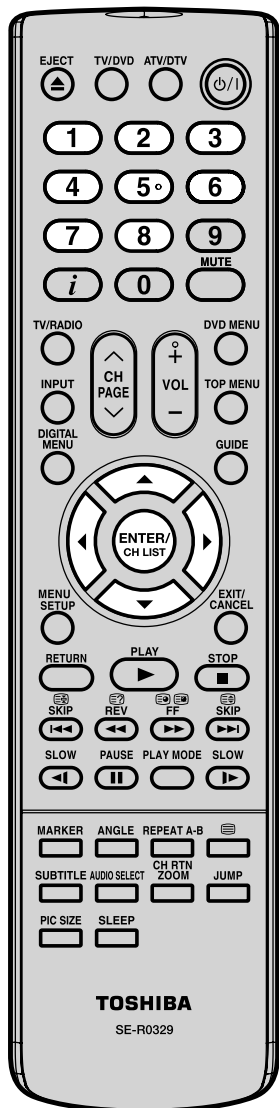
1 Press ◄ or ► to select 'Channel Organizer', then press **ENTER**.

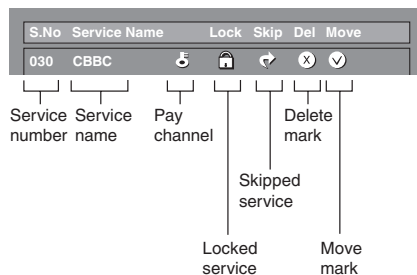| Main menu | | | | Channel Organizer |

Channel Organizer

2 The Channel Organizer menu will appear. The available programmes will be listed, depending on the current mode. The selected programme will be highlighted.
To toggle within the service list, press ▲ or ▼.

Channel Organizer					TV
S.No	Service Name	Lock	Skip	Del	Move
671	MNO				
672	PQR				
673	STU				
674	TCM				
679	VWXYZ				
800	SAT.1				
672	ARTE				

1. Lock   4. Delete   7. Change No.
2. Skip   5. Rename   8. Move To
3. Go To   6. Move

[▼▲]   Navigate   [0..9]   [D.Menu]   [Exit]   [TV/Radio]

3 By pressing the corresponding **Number Button (1-8)**, you can activate the following functions from this menu for each channel: Lock, Skip, Go To, Delete, Rename, Move, Change No. and Move To. (You can deactivate each of these functions by pressing the same number again.) See page 23 for setting details.

Indications:

S.No	Service Name		Lock	Skip	Del	Move
030	CBBC	🅫	🔒	↪	⊗	⌄

Service number
Service name
Pay channel
Locked service
Skipped service
Delete mark
Move mark

Note:
• While in TV mode, only TV programmes will be displayed and only radio programmes will be displayed while in radio mode.
• The displays of Channel / Service name will be abbreviated depend on its size of the letter.

22

Setting details

|	
Lock	When the service is locked, you must enter your PIN whenever you tune to the service. ① Press ▲/▼ to select the desired service. ② Press **1** on the remote control. If you already set the PIN, enter it here. If not, enter the factory preset PIN "0000". An icon displays indicating the service is locked. • Pressing **1** will turn the lock icon on and off. (PIN entry is required.) ③ Press **DIGITAL MENU** to save the setting.
Skip	Services that are set to skip will not be picked up when pressing **CH** ∧ / ∨ . ① Press ▲/▼ to select the desired service. ② Press **2** on the remote control. An icon displays indicating the service to be skipped. • Pressing **2** will turn the skip icon on and off. ③ Press **DIGITAL MENU** to save the setting. • To view services that are set to be skipped, use **0-9** or select from the Channel List.
Go To	Use this function to jump to the specific service in one step. This is useful when there are many services displayed on screen to scroll through. ① Press **3** on the remote control. Now you can change the service number on the left side of the screen. ② Enter the number using **0-9**, and then press **ENTER**. The highlight moves to the selected service.
Delete	Delete the selected service(s) from the memory. ① Press ▲/▼ to select the desired service. ② Press **4** on the remote control. An icon displays indicating the service to be deleted. • Pressing **4** will turn the delete icon on and off. ③ Press **DIGITAL MENU** to save the setting. A confirmation message displays. ④ Press ◄/► to select "Yes", and then press **ENTER**.
Rename	Change individual service names. ① Press ▲/▼ to select the desired service. ② Press **5** on the remote control. A character set screen displays. ③ Press **Yellow** button to enter a new name for the service. • Press ▲/▼/◄/► to move the cursor, then press **ENTER** to confirm the input of a character. ④ Press **DIGITAL MENU** to save the setting. A confirmation message displays. ⑤ Press ◄/► to select "Yes", and then press **ENTER**.
Move	Sort the order of the selected service by moving the service position. ① Press ▲/▼ to select the desired service. ② Press **6** on the remote control. An icon displays indicating the service to be moved. • Pressing **6** will turn the move icon on and off. ③ Move the selected service to the desired position using ▲/▼, and then press **ENTER** to register the change.
Change No. *	Change service number. ① Press ▲/▼ to select the desired service. ② Press **7** on the remote control. Now you can change the service number on the left side of the screen. ③ Enter the number using **0-9**, and then press **ENTER**. • You cannot enter the same service number with other one.
Move To *	Sort the order of the selected service by modifying the service number. ① Press ▲/▼ to select the desired service. ② Press **8** on the remote control. Now you can change the service number on the left side of the screen. ③ Enter the number using **0-9**, and then press **ENTER**. The service moves to the new position.

Note:
* If on the "AUTO INSTALLATION(COUNTRY)" screen "UK" is selected, "Change No." and "Move To" cannot be used in U.K.

Display Setup/Time Setup

Display Setup

1 Press ▲ or ▼ to select 'Display Setup', then press **ENTER**.

Main menu	System Configuration

Display Setup
Time Setup
Password Setup
Subtitle
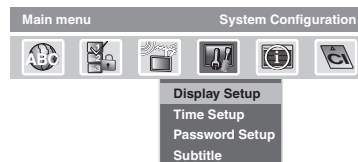
2 Display Setup menu will appear.
Press ▲ or ▼ to select the item you want to change.
Then you can change each setting by pressing ◄ or ►.

Banner timeout	1 sec, 2 sec.…. 7 sec.	Select how long the service banner information appears on screen.
Banner position	Top	Select whether the service banner information appears on top or bottom of the screen.
	Bottom	

3 After all the changes are made, press **EXIT** to return to the normal screen.

Time Setup
If the time displayed on the Channel banner differs from the actual time, it can be corrected.

1 Press ▲ or ▼ to select 'Time Setup', then press **ENTER**.

Main menu	System Configuration

Display Setup
Time Setup
Password Setup
Subtitle
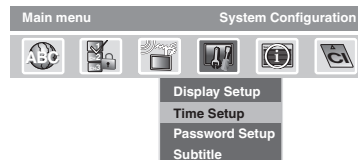
2 Time Setup menu will appear.
If the time displayed on the Channel banner differs from the actual time, adjust the time offset with the ◄ or ► button until the correct time is shown.
Note:
• Normally, this would be done by selecting "Auto".

3 After all the changes are made, press **EXIT** to return to the normal screen.

TOSHIBA

SE-R0329

24
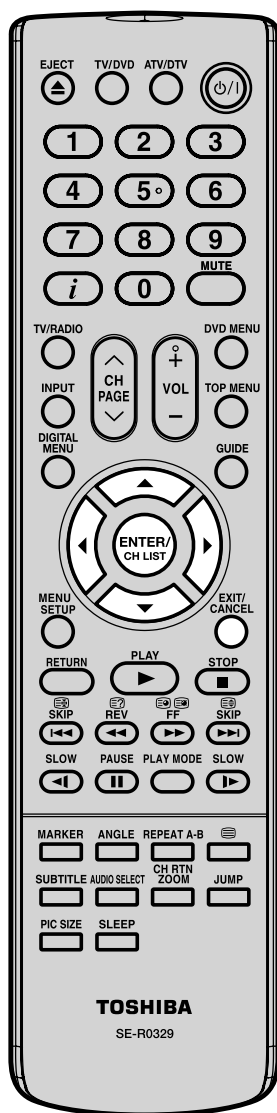
Password Setup (Parental lock)

Password Setup (Parental lock)

This feature allows you to have a parental control of the service viewing as per your preference.

Once a service is protected with a password, it cannot be viewed unless the correct password is provided.

1 Press ▲ or ▼ to select 'Password Setup', then press **ENTER**.

| Main menu	System Configuration

Display Setup
Time Setup
Password Setup
Subtitle
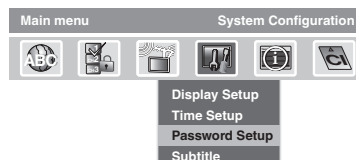
2 'Enter Password' will appear. Press '**0 0 0 0**' using the **Number Buttons**. (This is the default password.)

3 Press ▲ or ▼ to select 'Parental Lock', then press ◄ or ► to select desired parental rating (see note). Then press **EXIT** to return to the normal screen.

4 You can also change the password using the next option. Press ▲ or ▼ to select 'Change password'.

Then enter your chosen new password (0 to 9), be sure to remember this password. After you have entered the new password for the first time, you need to enter the same password again for confirmation. The Information banner will then appear.

Press **EXIT** to return to the normal screen.

While toggling between channels, if a service which has a parental rating is selected then you will be asked to enter the correct password to view that channel. If the channel you are currently watching supports a parental rating then the rating will also be displayed in the Channel banner menu (see page 27).
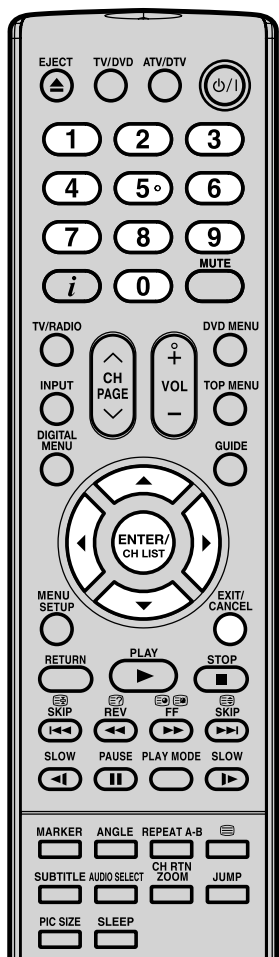
Note:
- There are 15 age-based ratings, ranging from '4' (years old) to '18' (years old) and 'None'. Eg. If the Parental Lock is set to '8' (years old), only the services which have the parental rating of '8' (years old) or under will be viewable without entering the Password.
- You will be prompted to enter the password, when you set new parental rating.
You can set the new parental rating only when you enter the password correctly, otherwise the old parental code will be retained.

IMPORTANT NOTE ON RESETTING THE PASSWORD
We suggest that you remove the following instruction from the operating instructions to prevent children from reading it.

If you forget your password, follow steps below to reset the password.
1. Press **ATV/DTV** to select the digital TV mode.
2. Press **MENU** to display the analogue menu, then press ◄ or ► to select ▭ (SETUP).
3. Press **i** 4 times within 5 seconds.
The password is reset to '0000'.

25

Version/Software Upgrade/Common Interface


TOSHIBA

SE-R0329
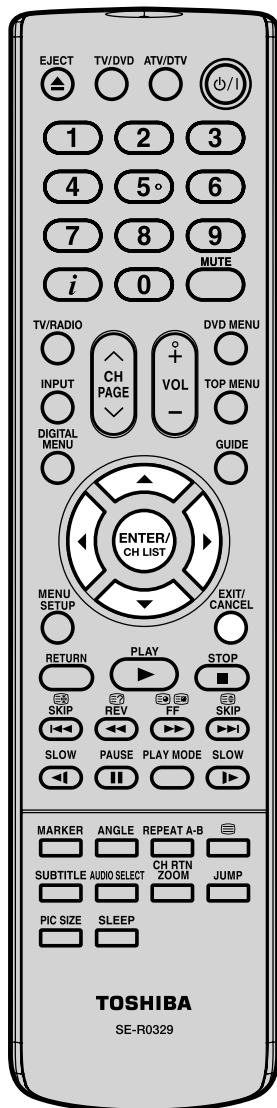
Note:
- Do not disconnect the AC cord when the software upgrade is in progress, as this may cause the upgrade to fail. At this time you cannot use any of the buttons.
- When the unit searches for a software upgrade signal, the message 'Please wait...' will be displayed.

26

Version

You can check the software and hardware versions.

1 Press ▲ or ▼ to select 'Version', then press **ENTER**. The hardware and software versions are displayed.
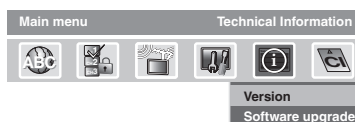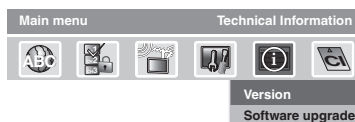

2 Press **EXIT** to return to the normal screen.

Software Upgrade

Software Upgrade allows you to download the latest software available on the Engineering channel.

Manual upgrade

1 Press ▲ or ▼ to select 'Software upgrade', then press **ENTER**.

2 If a software upgrade is available from an Over Air Download (OAD) then the message 'S/W available, do you want to download?' will be displayed - you can then select 'Yes' or 'No' by pressing ◄ or ►, then press **ENTER**.

3 If you select the option 'Yes' then the Software Upgrade process will be initiated. It will take about 20 minutes and after this process is complete, the TV will be rebooted automatically.

If you select the option 'No' you can continue to watch TV programmes as before.

Auto upgrade

1 When you tune to the service that provides the upgrade via Over Air Download, a confirmation message displays.

2 Follow the screen prompts.

Common Interface

You can access the Common Interface module information from this menu option.

Preparations

Insert CAM into the DVB Common Interface slot on the backside of the TV (see page 9).

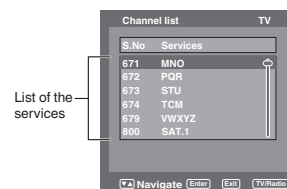1 Press ◄ or ► to select 'Common Interface', then press **ENTER**.

2 The CAM module name will be displayed. You have to press **ENTER** to view further information.

3 In the CI Menu, CAM specific information such as Module information, Smart card information, Language and Software Download are shown.
Press ▲ or ▼ to select information, then press **ENTER** to see detail.

4 Press **EXIT** to return to the normal screen.

Channel list/Channel banner

Channel list

1 Press **CH LIST** to display the Channel list menu.

Channel list		TV
S.No	Services	
671	MNO	⟳
672	PQR	
673	STU	
674	TCM	
679	VWXYZ	
800	SAT.1	

List of the services

⯅⯆ Navigate Enter Exit TV/Radio

2 **Select the Services:**
List of the services present under the selected Channel group will be displayed in the left side of the menu.
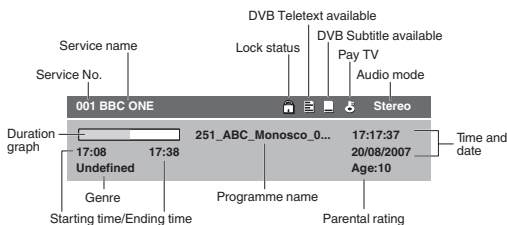Press ▲ or ▼ to toggle within the service list, then press **ENTER**.

Toggle between the list of TV and Radio services:
The **TV/RADIO** is used to toggle between the TV and Radio mode. If you press **CH LIST** when you are in Radio mode then the channel list menu will display the list of Radio services. If you wish to view the list of TV services without exiting the current menu, **TV/RADIO** should be pressed once.
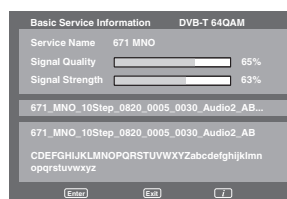
Channel banner
When you change from one channel to another, the Channel banner will be displayed for the selected service. In the channel banner menu, information such as current date & time, channel name, etc. will be displayed.

1 While watching the service, press *i* to display the Channel banner at any time. It will disappear after the Banner timeout value (this can be adjusted to your preferred value, see page 24).

DVB Teletext available
DVB Subtitle available
Lock status
Pay TV
Service name
Audio mode
Service No.

| 001 BBC ONE | | | 🏠 | 🔲 | 🎵 | Stereo |

Duration graph

251_ABC_Monosco_0...   17:17:37   Time and date
17:08   17:38   20/08/2007
Undefined   Age:10

Genre   Programme name
Starting time/Ending time of current programme   Parental rating

2 Press *i* again to display the Basic Service Information. You can verify the signal strength and quality of the selected service here. If necessary, adjust the direction of the antenna to obtain the maximum signal strength.

Basic Service Information	DVB-T 64QAM
Service Name	671 MNO
Signal Quality	65%
Signal Strength	63%

671_MNO_10Step_0820_0005_0030_Audio2_AB...

671_MNO_10Step_0820_0005_0030_Audio2_AB

CDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmn opqrstuvwxyz

Enter   Exit   *i*

• When the Country setting has been set to FINLAND, press *i* once more to display the advanced detailed information.
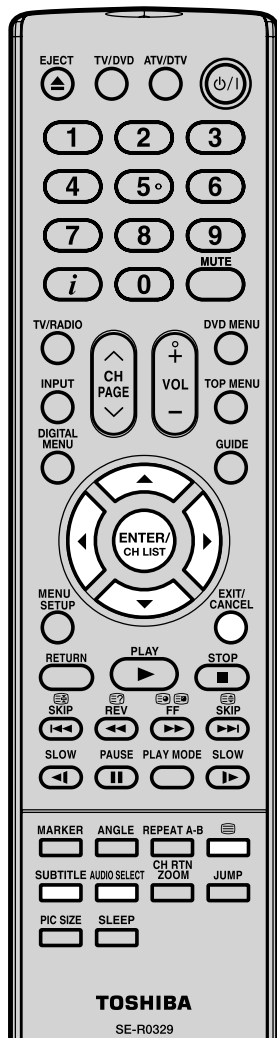
3 To remove the Channel banner immediately, press *i* again.

Note:
• Channel / Service names can only be displayed up to about 16 characters - if the name is longer than this, it will be abbreviated. The Basic Service Information screen (Step 2) displays the full Channel/Service names, not the abbreviated names.
• Subtitles are displayed on the channel banner. Some broadcasts may not provide this service.

27

Multi audio/DVB-Subtitle/Using the Digital Service (UK only)

Multi audio

You can select your preferred Audio mode and DVB (digital TV) subtitle Language.

The Multi audio menu will display the Audio mode and Language options available with the current broadcast.

1 Press **AUDIO SELECT** to display the Multi audio menu. The Audio mode and Language code will be displayed if available.

Multi audio	
Audio mode	◄ Stereo ►
No. Language Code	
001 ENG	

2 To select Audio mode, press ◄ or ►. In general the below audio modes will be supported in a service.
Stereo, Left, Right and L + R.

To select a Language code, press ▲ or ▼ to select code within Language code list.
• When completely different audio tracks are being broadcast from the left and right channels, select Left or Right.
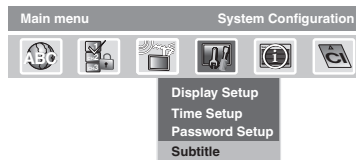
Multi audio	
Audio mode	◄ L+R ►
No. Language Code	
001 ENG	
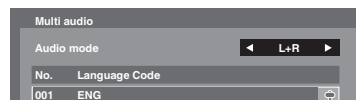
3 Press **EXIT**. Your selected audio preferences will be saved.
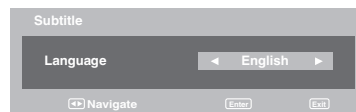
DVB-Subtitle

DVB-Subtitle is a feature supported in DVB (Digital Video Broadcasting) applications in which the service shown can be accompanied by a text display on the screen in parallel with the corresponding audio service. The DVB-Subtitle feature can be enabled or disabled at anytime.

1 Press ▲ or ▼ to select "Subtitle", then press **ENTER**.

Main menu	System Configuration
	Display Setup
	Time Setup
	Password Setup
	Subtitle

2 Press ◄ or ► to select your desired subtitle language from the available languages.

Subtitle	
Language	◄ English ►
◄► Navigate	Enter Exit

3 To turn off the DVB-Subtitle, press ◄ or ► repeatedly until 'Off' appears in the Subtitle menu.
Press **EXIT**. Your selected subtitle language will be saved.

Using the Digital Service (UK only)

Some services bring you programmes with the Digital Service, letting you experience DTV interactively.
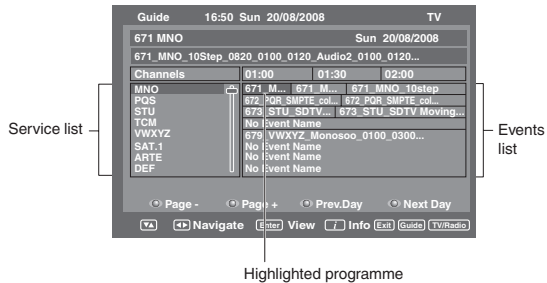When provided, the Digital Service will start when you press 🗎.

Note:
• When you display the DVB-Subtitle, Digital Service screen cannot display. If you want display the Digital Service, setting the DVB-Subtitle to Off.

Note:
• Dolby Digital audio can be selected for some language options.
There is no sound output from the main unit's speakers when Dolby Digital audio is selected.
You can only hear Dolby Digital audio through the amplifier equipped with a Dolby Digital decorder.
• DVB-Subtitle can also be changed by pressing of **SUBTITLE** repeatedly.

28

TOSHIBA
SE-R0329

EPG (Electronic Program Guide)

The Guide menu shows the available programme listings for the next 8 days only, including today. However, the guide menu will show 'No Event Name' for programmes which are more than 8 days ahead, or for programmes within the 8 days when no programme information is available.

1 Press **GUIDE** to display the Guide menu.

Guide	16:50 Sun 20/08/2008			TV
671 MNO				Sun 20/08/2008
671_MNO_10Step_0820_0100_0120_Audio2_0100_0120...				
Channels	01:00	01:30	02:00	
MNO	671_M...	671_M...	671_MNO_10step	
PQS	672_PQR_SMPTE_col...	672_PQR_SMPTE_col...		
STU	673_STU_SDTV...	673_STU_SDTV Moving...		
TCM	No Event Name			
VWXYZ	679_VWXYZ_Monosoo_0100_0300...			
SAT.1	No Event Name			
ARTE	No Event Name			
DEF	No Event Name			
● Page -	● Page +	● Prev.Day	● Next Day	
[▼▲] [◄►] Navigate [Enter] View [i] Info [Exit] [Guide] [TV/Radio]				

Service list (points to left list)
Events list (points to right list)

Highlighted programme

Service list :
Lists all the services that are currently available.
As you scroll through the service list by pressing ▲ or ▼, the Event list will be refreshed accordingly, and you will see the programme information for the currently highlighted programme.
To scroll through the service list page by page, press **Red** or **Green** button.

Events list :
List the events in a grid of rows and columns.
Each row shows the list of events that are available, for the corresponding service in the service list. Within each row, you can press ◄ or ► to navigate through the rest of the events.
You can easily move to the Previous day or Next day in the Events List by pressing **Yellow** or **Blue** button (the date of the programme information you are currently viewing is shown in the top right hand corner).

The full Event name along with the duration of the event will be displayed in the bar above. Event title will be displayed only if available otherwise 'No Description' message will be displayed.

2 From within the Guide menu, you can open the Description menu for the currently highlighted programme by pressing i.

The Guide/Description menu shows the extended event description of an event. You can scroll and view the complete event description of the event using ▲ or ▼.

To return to the Guide menu, press i.
To clear the menu screen, press **EXIT**.

TOSHIBA
SE-R0329

29
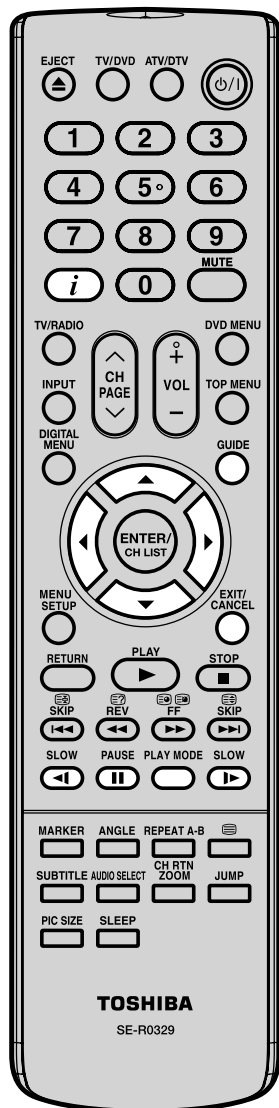
EPG Timer

You can choose whether or not the screen switches on when the timer event begins - please see page 18 (Rec screen status (LCD Power on/off)). This is so that if you are using the timer to make a recording to your VCR or other device, the TV screen will not switch on unless you want it to. If you try to switch to another channel while a timer event is in progress, the following message will appear: 'WARNING: CHANGING THE CHANNEL WILL INTERRUPT YOUR EVENT TIMER. ARE YOU SURE YOU WANT TO PROCEED? YES/NO'. Select Yes or No according to your wishes.
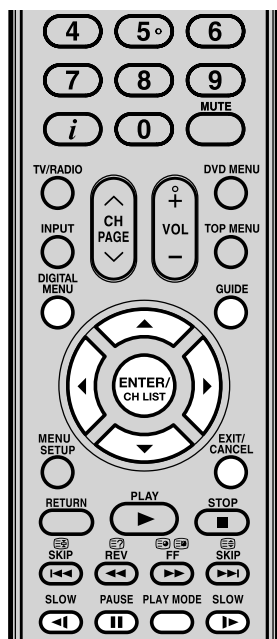
Note:
- When the EPG Timer starts, the message "Event Timer Started" will appear.
- A maximum of eight Timers can be programmed.
- If the EPG Timer starts when it is already switched on, it will start at the exact time that is set. If it starts from the standby mode, it will begin 20 seconds in advance of the stated time.
- You cannot hasten the start time from the original start time of the Event.
- You cannot set with the same date and time of another Event.
- Press the **Yellow** button to change the start time of the event.
- Press the **Blue** button to change the time duration of the event.
- If the EPG Timer begins during standby mode, the ⏻ (Power) indicator on the unit will be lit in orange. This is to indicate that an EPG Timer event has begun in standby mode.
- When in power-off-condition, EPG Timer cannot be activated.

30

1 Press **GUIDE** to display the Guide menu. Then press ▲/▼/◄/► to highlight the programme you want to set as a timer event, then press **ENTER**.
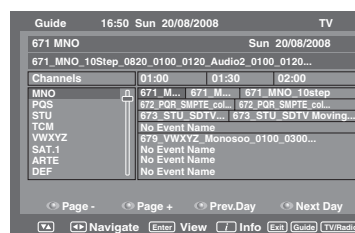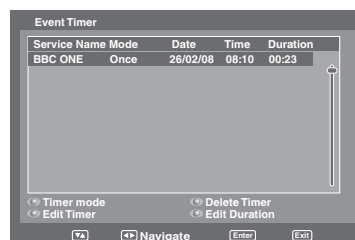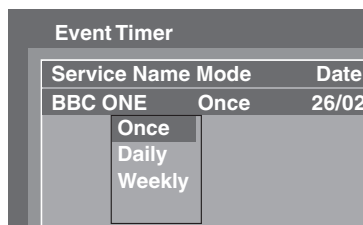
Note:
- If you select an event which has already started, the selected program will be displayed on the screen, as you cannot set the timer for a programme which has already started.
- To display the stored timer events, press **GUIDE** twice. The Event Timer menu (see step 3 below) will appear. You can also delete or change the frequency (Once / Daily / Weekly) of the stored timer events (but please note that you cannot edit the time details that have been set from the EPG).

2 The confirmation banner will be displayed. Press ◄ or ► to select 'Yes' or 'No', then press **ENTER** (the selected option is shown in blue).

3 The Event Timer menu will appear. Press the **Red** button to set the Timer mode for a selected event.

4 The Timer mode specifies the frequency of Timer wake-up which can be set as Once, Daily or Weekly. Press **ENTER** to save the selected Timer mode.

Note:
To delete a timer event, select the specified event, then press the **Green** button.

5 To return to the Guide menu, press **DIGITAL MENU**. To clear the menu screen, press **EXIT**.

DVD discs must be Region 2 or Region ALL type to play on this unit.
The suitable disc formats are: DVD-Video, DVD-R/-RW (Video format only), Audio CD, CD-R/CD-RW and Video CD.
Some CD-R/RW discs may be incompatible.
• This unit can play an 8cm disc. Please do not use a disc adapter. It may cause trouble.
• Please do not insert any disc of an irregular shape into the unit, as it may interfere with the function of the unit. You may not be able to remove it.
• Please do not use after market accessories, such as a ring protector, as this may cause trouble with the operation of the unit.

Do not play DVD-ROM, DVD-Audio, CD-G, Photo CD or SVCD to prevent accidental erasure of prerecorded material.

Title
When two or more movies are recorded on a disc, the disc is divided into two or more sections. Each section is called a "TITLE".

Chapter
The titles can be subdivided into many sections.
Each section is called a "CHAPTER".

Track
Video CD/Audio CD can contain several items.
These are assigned to tracks.
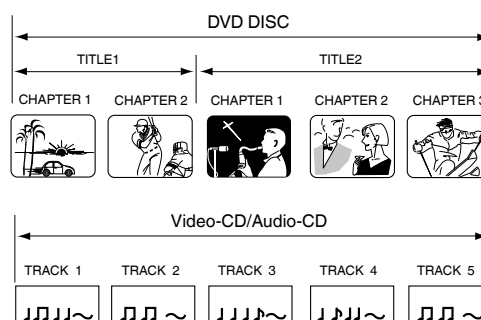
Removing Disc from Case
Be sure to hold the edge of disc. Do not touch the surface of the disc.
Pick up the disc gently from the case.
• Do not scratch the disc.
• Do not get dirt on the surface of the disc.
• Do not stick a label or adhesive tape on the disc.
• Do not drop or bend the disc.

Storing Disc
• Store the disc in the case to avoid risk of scratches, dirt or damage.
• Do not leave disc exposed to direct sunlight or in hot or humid places.

Cleaning Disc
Wipe the disc with a clean, dry cloth from center to edge.
• Do not wipe in circular direction.
• Do not use liquid or aerosol cleaners.

On Video CDs
This unit supports Video CDs equipped with the PBC (Version 2.0) function.
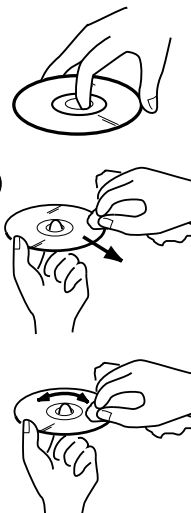(PBC is the abbreviation of Playback Control.) You can enjoy two playback variations depending on types of discs.
• Video CD not equipped with PBC function
  (Version 1.1) Sound and movie can be played on this TV/DVD in the same way as an audio CD.
• Video CD equipped with PBC function
  (Version 2.0) In addition to operation of a Video CD not equipped with the PBC function, you can enjoy playback of interactive software with search function by using the menu displayed on the TV screen (Menu Playback). Some of the functions described in this owner's manual may not work with some discs.

To turn off the PBC
1. Press **PLAY MODE** in the Stop mode.
2. Press ▲/▼ to select "Mode", then press **ENTER** repeatedly until "Off" appears.
3. Press **PLAY MODE** again to clear the screen.

To turn on the PBC
Follow the above step 1~2, then press **ENTER** repeatedly until "PBC" appear.

DVD DISC
TITLE1 | TITLE2
CHAPTER 1 | CHAPTER 2 | CHAPTER 1 | CHAPTER 2 | CHAPTER 3

Video-CD/Audio-CD
TRACK 1 | TRACK 2 | TRACK 3 | TRACK 4 | TRACK 5

31

Playing a disc

This section shows you the basics on how to play a disc.

Basic playback (DVD/VCD/Audio CD)
Preparation
Press ⏻/❘ on the unit.

1 Press **TV/DVD** on the remote control to select the DVD mode.

2 Place the disc in the disc slot with the label side facing forward. (If the disc has a label.)
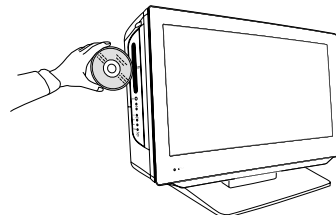
• Do not place a disc which is unplayable in this unit.

3 On the TV-screen, "⏏" changes to "Reading" and then playback commences.
   • A menu screen will appear on the TV screen if the disc has a menu feature.
   • Press ▲/▼/◄/► to select title, then press **ENTER**. Title is selected and play commences.

4 Press ■ to end playback.
   • The unit records the stopped point, depending on the disc. "▶" appears on the screen. Press **PLAY (▶)** to resume playback (from the scene point).
   • If you press ■ again (" ■ " appears on the screen.), the unit will clear the stopped point.

To start playback in the stop mode
Press **PLAY (▶)**.
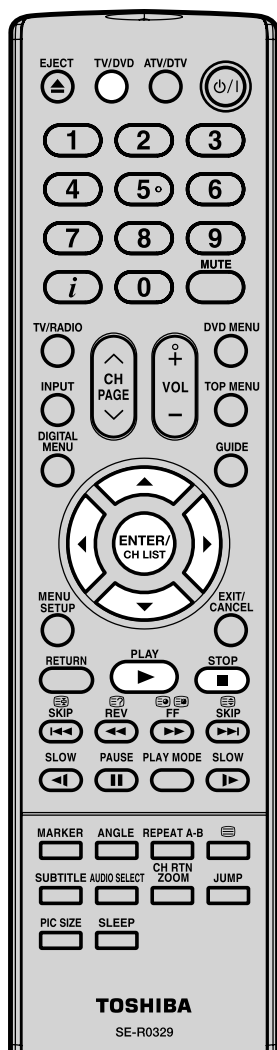
Note:
• **If the unit does not operate properly:**
  Static electricity, etc., may affect the player's operation.
  Disconnect the AC power cord once, then connect it again.
• If a disc is inserted during some modes other than DVD mode, it may switch to DVD mode and then playback may be begun automatically.
• **About inserting disc:**
  If the unit is slanted or moved while inserting disc, the disc may get damage.

32

To pause playback (still mode)
Press ❚❚ during playback.
To resume normal playback, press **PLAY (▶)**.

• The sound is muted during still mode.
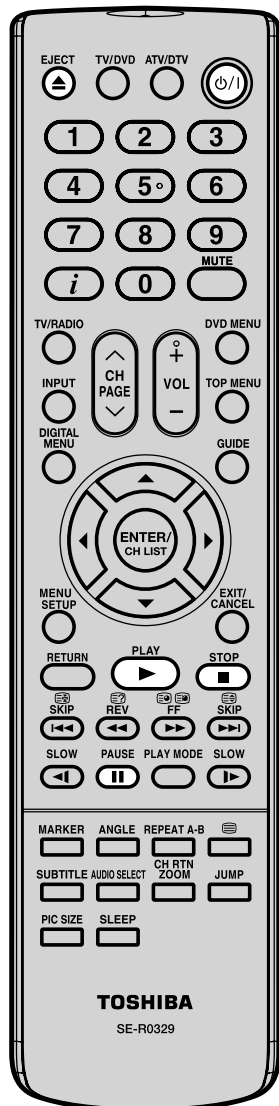
To stop playback
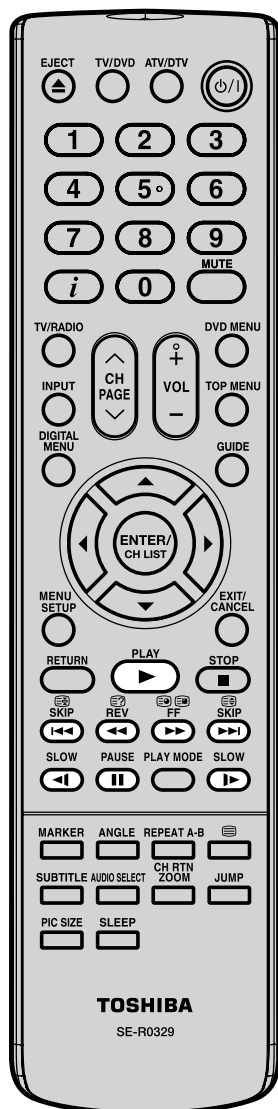Press ■.

To remove the disc
Press ⏏.

Remove the disc after the disc comes out.

Note:
• If a non-compatible disc is loaded, "Incorrect Disc", "Region Code Error" or "Parental Error" will appear on the TV screen according to the type of loaded disc. In this case, check your disc again (see pages 31 and 50).
• Some discs may take a minute or so to start playback.
• When you set a single-faced disc label backwards (i.e. the wrong way), "Reading" will appear on the display for a few minutes and then "Incorrect Disc" will continue to be displayed.
• Some discs may not work the resuming facility.
• Resuming cannot function when you play a PBC-featured Video CD while the PBC is on. To turn off the PBC, see page 31.
• Some playback operations of DVDs may be intentionally fixed by software producers. Since this unit plays DVDs according to the disc contents the software producers designed, some playback features may not be available. Also refer to the instructions supplied with the DVDs.
• Do not move the unit during playback. Doing so may damage the disc.
• In many instances, a menu screen will appear after playback of a movie is completed. Prolonged display of an on-screen menu may damage your television set, permanently etching that image onto its screen. To avoid this, be sure to press ⏻/| on your remote control once the movie is completed.
• There may be a slight delay between the button is pressed and the function activates.

Playing a disc

You can play discs at various speeds.

Playing in fast reverse or fast forward directions (DVD/ VCD/Audio CD)
Press ◄◄ or ►► during playback.
◄◄: Fast reverse playback
►►: Fast forward playback
Each time you press ◄◄ or ►►, the playback speed changes.

To resume normal playback
Press **PLAY (►)**.

Note:
• The unit mutes sound during reverse and forward scan of DVD/VCD discs.
• The playback speed may differ depending on the disc.
• You can use fast reverse/fast forward playback for mp3/DivX® CD.

Playing frame by frame (DVD/VCD)
Press ❚❚ during still playback.
Each time you press ❚❚, the picture advances one frame.

To resume normal playback
Press **PLAY (►)**.

Note:
• You can use frame by frame playback for DivX® CD.
• The sound is muted during frame by frame playback.

Playing in slow-motion (DVD/VCD)
Press ◄❚ or ❚► during playback.
Each time you press ◄❚ or ❚►, the slow-motion speed changes.

To resume normal playback
Press **PLAY (►)**.

Note:
• The sound is muted during slow-motion playback.
• You can use slow motion playback for DivX® CD.
• Reverse slow (◄❚) does not work on VCD and DivX® CD.

Locating a chapter or track (DVD/VCD/Audio CD)
Press **SKIP** I◄◄ or ►►I repeatedly to display the chapter or track number you want.
Playback starts from the selected chapter or track.

To locate succeeding chapters or tracks, press **SKIP** ►►I.
Playback starts from the beginning of the succeeding chapter or track.
To locate the preceding chapter or track, press **SKIP** I◄◄ twice in quick succession. Playback starts from the beginning of the preceding chapter or track.

Note:
• A prohibition symbol "✕" may appear at the upper right of the screen. This symbol means either the feature you tried is not available on the disc, or the unit cannot access the feature at this time. This does not indicate a problem with the unit.

34

Zooming/Locating desired scene

Zooming (DVD/VCD)

This unit will allow you to zoom in the frame image. You can then make selections by switching the position of the frame.

1 Press **ZOOM** during playback.

The centre part of the image will be zoomed in.
Each press of **ZOOM** will change the ZOOM $\mathcal{Q}$1(x 1.3), $\mathcal{Q}$2 (x 1.5) and $\mathcal{Q}$3 (x 2.0).

2 Press ▲/▼/◄/► to view a different part of the frame.
You may move the frame from the centre position to UP, DOWN, LEFT or RIGHT direction.

3 In the zoom mode, press **ZOOM** repeatedly to return to a 1:1 view ($\mathcal{Q}$ Off).

Note:
• You can select the Pause or Slow in the zoom mode.
• Some discs may not respond to zoom feature.
• Zoom function can be used for DivX® CD.

Locating desired scene (DVD/VCD/Audio CD)

Use the title, chapter and time recorded on the DVD disc to locate the desired point to playback. In the case of VCD/Audio CD discs, time and track are used to locate the desired point to playback. To check the title, chapter/track and time, press *i*.

1 Press **JUMP** during playback or resume stop mode.

Jump	
Title	---
Chapter	---
Time	--:--:--
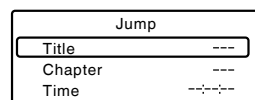
2 Press ▲ or ▼ to select the "Title/Track", "Chapter" or "Time".

Jump	
Title	---
Chapter	---
Time	--:--:--
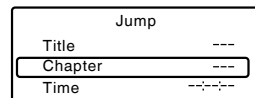
3 Press **Number buttons (0–9)** to input the number.
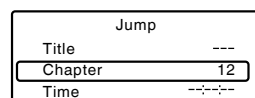
• If you input a wrong number, press **CANCEL**.
• Refer to the package supplied with the disc to check the numbers.

Jump	
Title	---
Chapter	12
Time	--:--:--

4 Press **ENTER**. Playback starts.

• When you change the title, playback starts from Chapter 1 of the selected title.
• Some discs may not work in the above operation.

Note:
• In case of the Audio CD and Video-CD, only Track and Time can be selected.
• In case of the Video-CD playback with PBC, the JUMP does not work. Turn off the PBC (see page 31).
• Only Time search function can be used for DivX® CD.

35
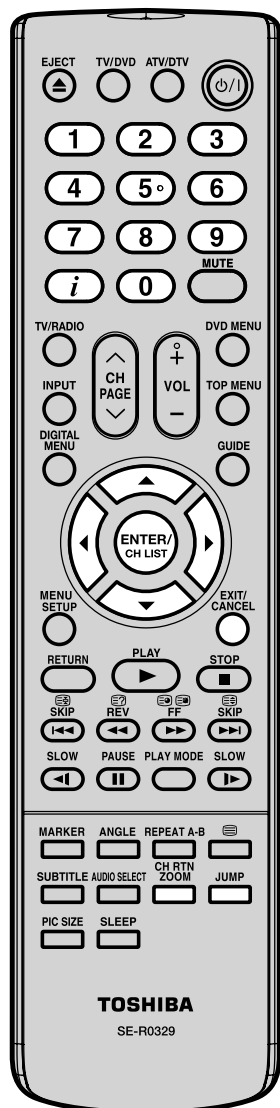
Marking desired scenes

Marking the scenes (DVD/VCD/Audio CD)

The unit stores the points that you want to watch again up to 3 points. You can resume playback from each scene.

1 Press **MARKER** during playback.

Marker 1	— — : — — : — —
Marker 2	— — : — — : — —
Marker 3	— — : — — : — —

2 Select the blank Marker using ▲ or ▼.
Then press **ENTER** at the desired scene.

Marker 1	00 : 27 : 54
Marker 2	— — : — — : — —
Marker 3	— — : — — : — —

• Repeat this procedure to set the other 2 scenes.

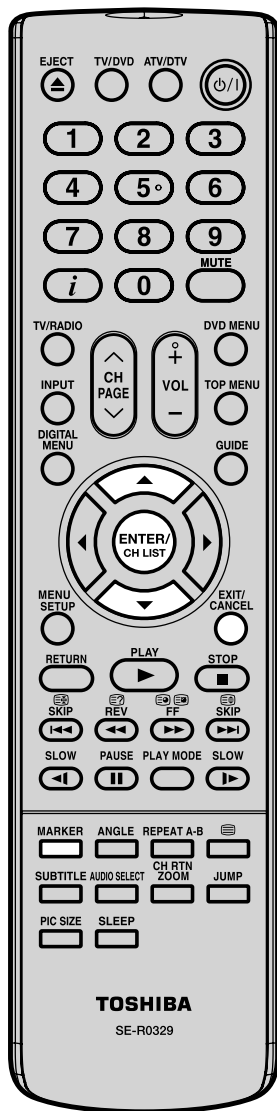**3** Press **MARKER** to clear this display.

Returning to the scenes (DVD/VCD/Audio CD)

1 Press **MARKER** during playback or stop mode.

Marker 1	00 : 27 : 54
Marker 2	01 : 16 : 25
Marker 3	02 : 08 : 31

2 Press ▲ or ▼ to select the Marker 1-3.

Marker 1	00 : 27 : 54
Marker 2	01 : 16 : 25
Marker 3	02 : 08 : 31

3 Press **ENTER**.

Playback starts from the marked scene.

To cancel the Marker
Follow the above steps 1~2, then press **CANCEL**.

Note:
• Some discs may not work with the marking operation.
• The marking is cancelled when you eject the disc or turn the power off.
• Some subtitles recorded around the marker may fail to appear.
• In case of Video CD with PBC, Marker function is prohibited.
• Marker function does not work with MP3/JPEG CD/DivX® CD.

36

Repeat playback/A-B Repeat playback

Repeat playback (DVD/VCD)

1 Press **PLAY MODE** during playback or stop mode.

2 Press **ENTER** repeatedly to select "Chapter" or "Title".

```
              Play Mode
 Repeat           : Off
```
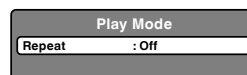
The unit automatically starts repeat playback after finishing the current title or chapter.

[Video CD]
Press ▼ to select "Repeat".
Press **ENTER** to select "Track" or "All".
• If you set the repeat mode during stop mode, press **PLAY (▶)** to start Repeat playback.

3 Press **PLAY MODE** again to clear the screen.

To resume normal playback
Select Repeat : "Off" in step 2.

Note:
• Some discs may not work with the repeat operation.
• In case of Video CD with PBC, Repeat functions are prohibited during playback.
• Chapter repeat function is cancelled whenever **SKIP (I◄◄)** or **SKIP (►►I)** is pressed.

A-B Repeat playback (DVD/VCD/Audio CD)
A-B repeat playback allows you to repeat selection between two selected points.

1 Press **REPEAT A-B** during playback.
The start point is selected.

```
                        A-
```

2 Press **REPEAT A-B** again.

The end point is selected. Playback starts at the point that you selected. Playback stops at the end point and returns to Point A automatically, then starts again.

```
                        A- B
```

To resume normal playback
Press **REPEAT A-B** again.
" Off " appears on the screen.

Note:
• In A-B Repeat mode, subtitles near the A or B locations may not be displayed.
• You may not be able to set A-B Repeat for the scenes that include multiple angles.
• A-B Repeat playback does not work when Repeat playback is activated.
• You may not be able to set A-B Repeat during certain scenes of the DVD.
• A-B Repeat does not work with an interactive DVD and MP3/JPEG CD.
• In case of Video CD with PBC, A-B Repeat is prohibited.

37
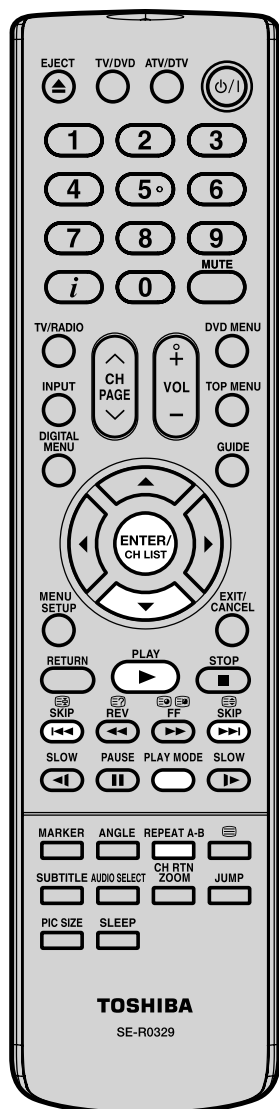
Changing angles/Title selection/DVD menu
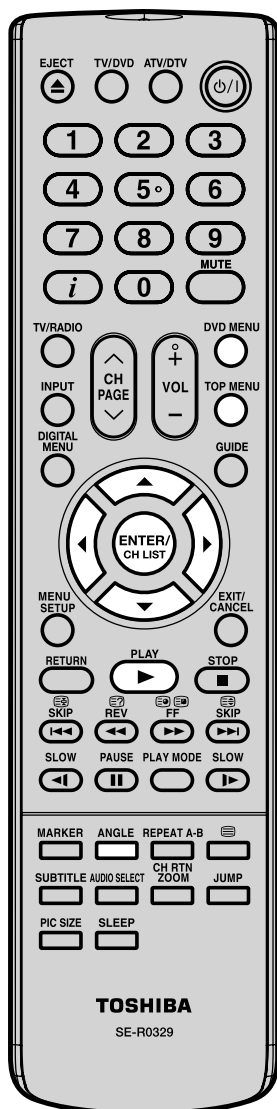
Changing angles (DVD)
When playing back a disc recorded with multi-angle facility, you can change the angle that you are viewing the scene from.

1 Press **ANGLE** during playback.
The current angle will appear.

2 Press **ANGLE** repeatedly until the desired angle is selected.

> **Note:**
> • Depending on the DVD, you may not be able to change the angles even if multi-angles are recorded on the DVD.

Title selection (DVD)
Two or more titles are recorded on some discs. If the title menu is recorded on the disc, you can select the desired title.

1 Press **TOP MENU** during playback.
Title menu appears on the screen.

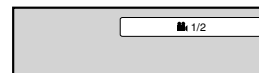**2** Press ▲/▼/◄/► to select the desired title.

3 Press **ENTER** or **PLAY (►)**.
The playback of the selected title will start.

> **Note:**
> Depending on the DVD, you may not be able to select the title. Depending on the DVD, a "title menu" may simply be called a "menu" or "title" in the instructions supplied with the disc.

DVD menu (DVD)
Some DVDs allow you to select the disc contents using the menu.
When you playback these DVDs, you can select the subtitle language, soundtrack language, etc, using the menu.

1 Press **DVD MENU** during playback.
The DVD menu appears on the screen.
• Press **DVD MENU** again to resume playback at the scene when you pressed **DVD MENU**.

2 Press ▲/▼/◄/► to select the desired item.

3 Press **ENTER**.
The menu continues to another screen. Repeat steps 2 and 3 to set the item completely.

> **Note:**
> • Depending on the DVD, you may not be able to resume playback from the scene point when you press **DVD MENU**.

38

Changing soundtrack language/Subtitles/Disc status
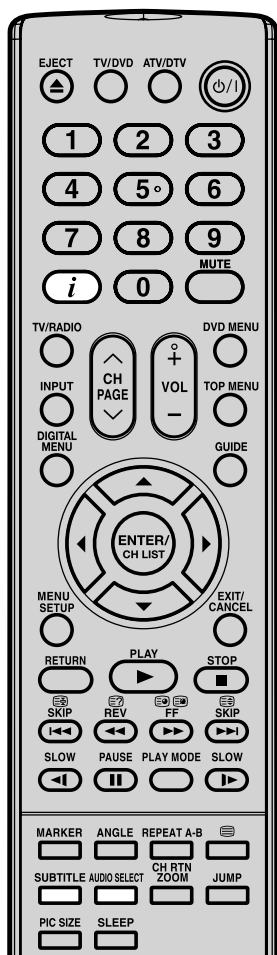
Changing Soundtrack Language (DVD/VCD)
You can select the language when you play a multilingual disc.

1 Press **AUDIO SELECT** during playback.
The current soundtrack language will appear.

> 1/2 Eng Dolby Digital

2 Press **AUDIO SELECT** repeatedly until the desired language is selected.
• The on screen display will disappear after a few seconds.

> 2/2 Fre Dolby Digital

In case of Video CD playback
Audio type changes as follows each time you press **AUDIO SELECT**.

▶ LR ➡ ▶ L ➡ ▶ R

Subtitles (DVD)
When playing back a disc recorded with subtitles, you can select the subtitle language or turn the subtitle off.

1 Press **SUBTITLE** repeatedly during playback until the desired language is selected.
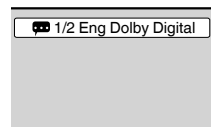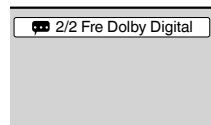
> 1/5 Eng
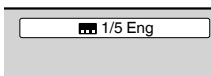
2 To turn off the subtitle, press **SUBTITLE** until "Off" appears.
• The on screen display will disappear after a few seconds.

> Off
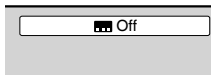
Disc status (DVD/VCD)

With press of *i*, the status of the disc will appear on the screen. To cancel the display, press *i* again.

[DVD]

DISC OPERATION | ELAPSED TIME | TOTAL TIME
TITLE NO.
CHAPTER NO.
ANGLE NO.
SUBTITLE LANGUAGE
AUDIO LANGUAGE | A KIND OF AUDIO

DVD   00:15:25 01:41:39
Title 1/3   Chapter 2/24
1/1 Eng Dolby Digital   1/2 Eng
1/1

[Video CD]

DISC OPERATION | ELAPSED TIME | TOTAL TIME

VCD   00:08:32 00:51:03
Track 3/15

TRACK NO.
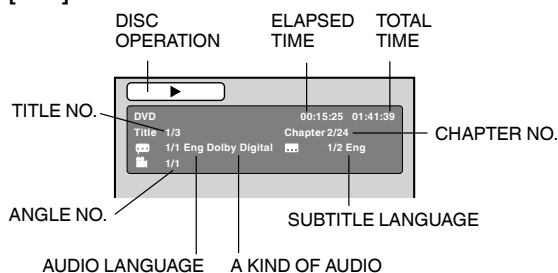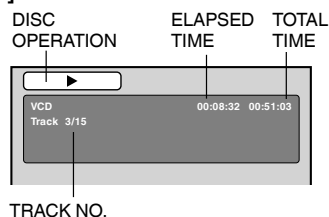
Note:
• If the desired language is not heard after pressing the button several times, the language is not recorded on the disc.
• The selected soundtrack language is cancelled when you eject the disc. The initial default language or available language will be heard if the disc is played back again.
• Depending on the DVD, you may not be able to change subtitles, or to turn subtitles on or off.
• While playing a DVD, the subtitle may change when you loaded or eject the disc.
• In some cases, a selected subtitle language may not be changed immediately.

39

MP3/JPEG/DivX® and Audio CD operation

This unit can playback the MP3/JPEG/DivX®-data which has been recorded on CD-R/RW. Audio CD also can be played back. To produce the MP3/JPEG/DivX®-data, you need a Windows-PC with CD-RW drive and a MP3/JPEG/DivX®-encoding Software (not supplied). The Apple-HFS-System cannot be played. This unit requires discs/recordings to meet certain technical standards in order to achieve optimal playback quality.

There are many different types of recordable disc formats (including CD-R containing MP3 files). Not all recordable discs will produce optimal playback quality. The technical criteria set forth in this instruction manual are meant only as a guide. Use of CD-RW for MP3 files is not recommended.

MP3/JPEG/DivX® - data information
Limitations on MP3/JPEG/DivX® playback
- MP3/JPEG/DivX® CD are standardized by ISO9660, its file name must include following extensions; ".mp3", ".jpg", "div", "divx", "avi".
- MP3/JPEG/DivX® CD must be corresponded to the ISO standardized files.
- This unit can read 2000 files per disc. If one disc has more than 2000 files, it reads up to 2000 files, the remaining files will be omitted.
- MP3/JPEG/DivX® CDs cannot be used for the purpose of recording on this unit.
- It may take more than one minute for this unit to read MP3/JPEG/DivX® files depending on its structure.
- Music recorded by "Joliet Recording Specification" can be played back.
- The music files recorded by "Hierarchical File System" (HFS) cannot be played.

Limitations on displaying of the file name.
- The maximum number for display is 15 characters. Long file names will be condensed.

To playback MP3/JPEG/DivX® CD in the recorded order.
1. Use MP3/JPEG/DivX® software that records data alphabetically or numerically.
2. Insert two or three digit number in the head of file name. (ex. "01" "02" or "001" "002").
3. Refrain from making too many sub-folders.

CAUTION:
- Some MP3/JPEG/DivX® CDs cannot be played back depending on the recording conditions.
- The CD-R/RW that has no music data or non MP3/JPEG/DivX® files cannot be played back.

Standard sampling frequency and the bit rate:
MP3
  MPEG-1 Audio
  32kHz, 44.1kHz, 48kHz
  32kbps ~ 320kbps (constant bit rate or variable bit rate)
  The recommend recording setting for a high-quality sound is 44.1kHz of sampling frequency and 128kbps of constant bit rate.
DivX® video
  DivX® version: DivX® 3, 4, 5, and 6 (specifically 3.1.1, 4.1.2, 5.0.2, 5.0.5, 5.1.1, 5.2.1, 6.0 at Home Theater profile).
  Audio format: MPEG1 Layer2 (MP2), MPEG1 Layer3 (MP3)
  Sampling frequencies: 32kHz, 44.1kHz, 48kHz
  Bit rate: 32kbps ~ 320kbps
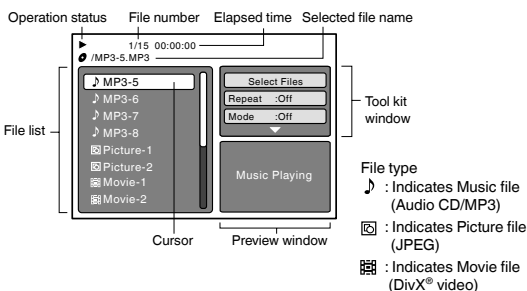 Resolution: Max 720 x 576 (at 25fps), Max 720 x 480 (at 30fps)

40

MP3/JPEG/DivX® and Audio CD operation

Loading CD

1 Load a MP3/JPEG/DivX® CD or an Audio CD into the disc slot.

2 A file browser screen will appear on the screen.
- In case the current directory includes 9 files or more, press ▲ or ▼ to scroll in the file list.
- To see contents in folder, select the folder and then press **ENTER**. To return to the parent directory, select "🖿 Go Up ..." then press **ENTER**.
- In case of a CD containing a mixture of MP3, JPEG and DivX® files, the files are played back by selecting them from the file browser.

Operation status File number Elapsed time Selected file name

```
▶        1/15  00:00:00
♪ /MP3-5.MP3
♪ MP3-5              Select Files
♪ MP3-6              Repeat  :Off      Tool kit
♪ MP3-7              Mode    :Off      window
♪ MP3-8                    ▼
🖾 Picture-1
🖾 Picture-2         Music Playing
🎞 Movie-1
🎞 Movie-2
```

File list

Cursor   Preview window

File type
♪ : Indicates Music file (Audio CD/MP3)
🖾 : Indicates Picture file (JPEG)
🎞 : Indicates Movie file (DivX® video)

MP3 and Audio CD playback

1 In the file browser, press ▲/▼ to select the desired file.

When **PLAY (▶)** is pressed after displaying file browser displayed, playback begins automatically starting from the first file. In this case, if the first file is an MP3 file, only MP3 files are played back in order.

```
■
♪ /MP3-2.MP3
🖿 Folder-1          Select Files
🖿 Folder-2          Repeat  :Off
♪ MP3-1             Mode    :Off
♪ MP3-2                   ▼
♪ MP3-3
♪ MP3-4             JPEG Preview
♪ MP3-5
♪ MP3-6
```

If the first file is a JPEG file, the first JPEG file is played back. If the first file is a DivX® file, the first DivX® file is played back. If there is no file at a root directory, playback does not begin automatically.
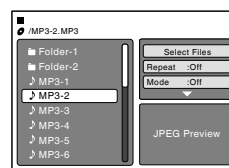
2 Press **ENTER**.
The selected file starts playing back.

3 Press ■ to end playback.
- The unit records the stopped point. "▶❚" appears on the screen. Press **PLAY (▶)** to resume playback (from the scene point).
- If you press ■ again or unload the disc, the unit will clear the stopped point.

Select Files

The file type to make it display in the file browser can be chosen.
1. Press ◄ or ► to select "Select Files" at right column in the file browser.("Select Files" is not applicable to Audio CD.)
2. Press **ENTER**, then press ▲ or ▼ to select file type from the list (Music, Picture or Movie).
3. Press **ENTER** to add/remove check mark. Checked file type will be displayed in the file browser.
4. Press **RETURN** to save the setting.

Note:
- During MP3/JPEG-Playback, you cannot use JUMP and A-B Repeat functions.
- You can use Repeat (Track or All), Random functions and Program playback for MP3/JPEG/DivX®-Playback (See pages 44, 45)

41

MP3/JPEG/Divx® and Audio CD operation

JPEG playback

1 In the file browser, press ▲/▼ to select the desired JPEG file.
To display a thumbnail list, press **DVD MENU**.
Press ▲/▼/◄/► to select the desired file.
(To return to the file browser, press **TOP MENU**.)

When **PLAY (►)** is pressed after displaying the file browser, playback begins automatically starting from the first file. In this case, if the first file is a JPEG file, the first JPEG file is played back.

If the first file is an MP3 file, only MP3 files are played back in order. If the first file is a DivX® file, the first DivX® file is played back. If there is no file at a root directory, playback does not begin automatically.

2 Press **ENTER**. The selected picture appears on the screen.

Rotating an image
You can rotate an image by 90 degrees.
Press **ANGLE** during playback of the image.
" ", " ", " " or " " appears on the screen.

Zooming an image
Zoom function also can be used in viewing JPEG files.
Press **ZOOM** (See "Zooming" on page 35).

3 Press ■ to end playback.
The file browser appears on the screen. If you want to watch the other file, repeat steps 1 ~ 2.

Slide show playback
The slide show enables you to view pictures (files) one after another automatically.
Preparation
Set "JPEG Interval" setting to "Off", "5 Seconds", "10 Seconds" or "15 Seconds" (See page 49).

1 Select your desired starting file for the slide show in step 1 above.

2 Press **ENTER** or **PLAY (►)** to start slide show from the selected file.
- If you press ❚❚ during the slide show, the slide show stops temporary. "❚❚" appears briefly on the screen.
  Press **PLAY (►)** or **SKIP (►►❙)** again to resume the slide show.
- If the picture appears upside down or sideways, press **ANGLE** repeatedly until it's right side up. " ", " ",
  " " or " " appears on the screen.
- When the slide show playback finished, the file list appears.
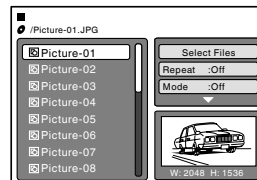- To stop the slide show, press ■. The file list appears.

Note:
- During JPEG playback, you cannot use Jump and A-B Repeat functions.
- When an image exceeds 5760 x 3840 pixels, the entire image (preview window or thumbnail list) may not be displayed on a screen.
- It may have a longer interval due to the size of data.

42
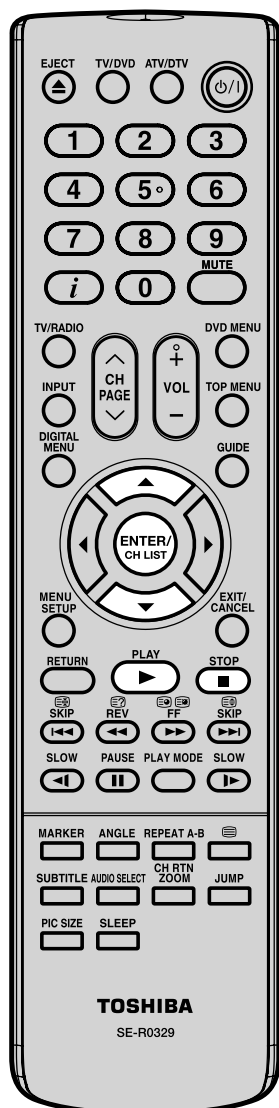
DivX® playback

1 In the file browser, press ▲/▼ to select the desired file.

When **PLAY (▶)** has been pressed after the file browser displayed, playback begins automatically starting from the first file. In this case, if the first file is a JPEG file, the first JPEG file is played back. If the first file is a DivX® file, the first DivX® file is played back. If the first file is an MP3 file, only MP3 file are played back in order. If there is no file at a root directory, playback does not begin automatically.

2 Press **ENTER** or **PLAY (▶)**. The selected DivX® movie will be played back on the TV screen.

3 Press **STOP (■)** to end playback.
• The unit records the stopped point. "▷" appears on the TV screen. Press **PLAY (▶)** to resume playback (from the scene point).
• If you press **STOP (■)** again or unload the disc, the unit will clear the stopped point. To watch the other file, repeat steps 1 ~ 2.
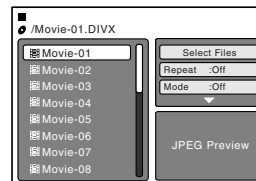
Playing DivX® VOD content

DivX® VOD content is protected by DRM (Digital Rights Management) system. This restricts playback of content to specific registered devices.

If the incorrect DRM file is loaded, "Authorization Error This player is not authorized to play this video." will appear on the screen.
When you attempt to play DivX® VOD, the number of plays is limited and the right message will appear on the screen. If you wish to play it, select "Yes".
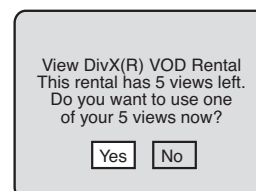
• If the number of plays goes over the limit, then "Rental Expired" will be displayed. In this case, the file will not be played.

View DivX(R) VOD Rental
This rental has 5 views left.
Do you want to use one
of your 5 views now?

Yes   No

Note:
• In order to play DivX® VOD content on this unit, you first need to register the unit with registration code. See page 50.
• Depending on the recording conditions of DivX® file, you may not be able to use fast reverse/forward playback or JUMP function.See pages 34, 35.

43

MP3/JPEG/DivX® and Audio CD operation
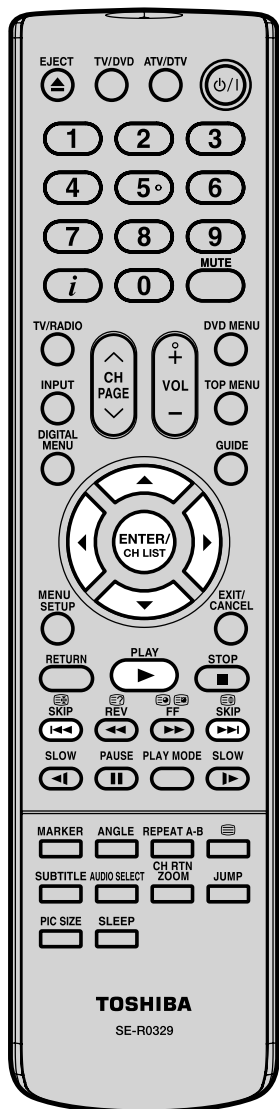
Repeat playback (Audio CD/MP3/JPEG/DivX®)

1 In the file browser, press ▲/▼/◄/► to select "Repeat" during stop mode.

Folder-1	Select Files
Folder-2	Repeat :Off
MP3-1	Mode :Off

2 Press **ENTER** repeatedly to select "Track" or "All".

Folder-1	Select Files
Folder-2	Repeat :Track
MP3-1	Mode :Off
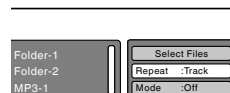
3 Press **PLAY (►)**.
The unit automatically starts repeat playback after finishing the current track.

To resume normal playback
Select Repeat : "Off" in step 2.

Random playback (Audio CD/MP3/JPEG/DivX®)

1 In the file browser, press ▲/▼/◄/► to select "Mode" during stop mode.

Folder-1	Select Files
Folder-2	Repeat :Off
MP3-1	Mode :Off

2 Press **ENTER** to select "Random".
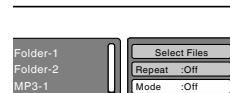
Folder-1	Select Files
Folder-2	Repeat :Off
MP3-1	Mode :Random

3 Press **PLAY (►)**.
The Random playback will start.

To resume normal playback Select Mode : "Off" in step 2.

TOSHIBA
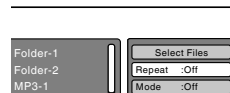
SE-R0329

Note:
- The repeat or random function is cancelled when you eject the disc or turn the power off.
- The track repeat function is cancelled when I◄◄ or ►►I is pressed.
- In case of Audio CD, the function of A-B Repeat also can be used. See "A-B Repeat playback" (See page 37).

44

MP3/JPEG/DivX® and Audio CD operation
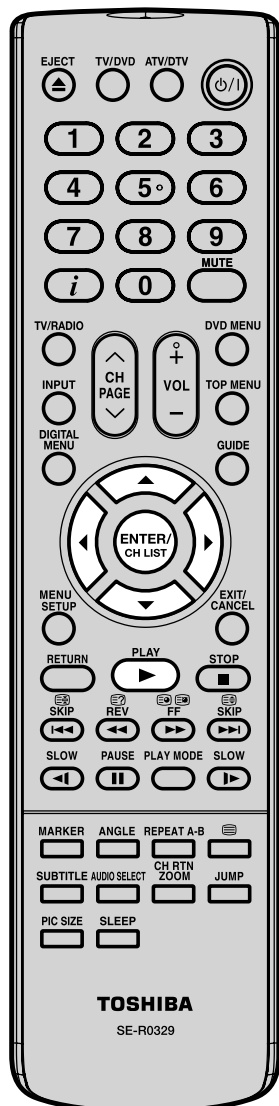
Program playback (Audio CD/MP3/JPEG/DivX®)

1 In the file browser, press ▲/▼/◄/► to select "Edit Mode", then press **ENTER**.

When "Edit Mode" is black color, you can mark the files which you want to add into Program list.
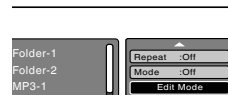
2 Press ▲/▼/◄/► to select the file you want to add into the program list.

Press **ENTER**. Selected file was marked. Repeat this procedure to select the other files.
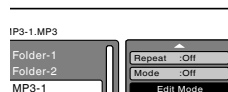
3 Press ▲/▼/◄/► to select "Add To Program". Then press **ENTER**. All marked files are added into the program list. (The maximum number of files can be added is 30.)

When you finish storing the files you want into the Program list, select "Edit Mode" again and press **ENTER** to release edit mode.

4 Press ▲/▼ to select "Program View", then press **ENTER**. Program View shows only the programed files that you have added in Step 2.

Browser View   Program View

5 In the Program View, press **PLAY (►)**. The files start to playback in programmed order that were added by you.

To remove file from program list in stop mode
In the Edit Mode, switch to Program View. Select the files you want to remove, then press **ENTER**. Select "Clear Program" and press **ENTER**. Marked file is removed from program list.

Note:
• The program function is cancelled when you eject the disc or turn the power off.

45

Program playback/Random playback

You can arrange the playback order of tracks or files on the disc. And the unit can also select tracks or files at random and playback them. These feature works for Video CD. For Audio CD and MP3/JPEG/DivX® CD, please see "Random playback (Audio CD/MP3/JPEG/DivX®)" on page 44 and "Program playback (Audio CD/MP3/JPEG/DivX®)" on page 45.

Program playback (VCD)

1 Press **PLAY MODE** during stop mode.

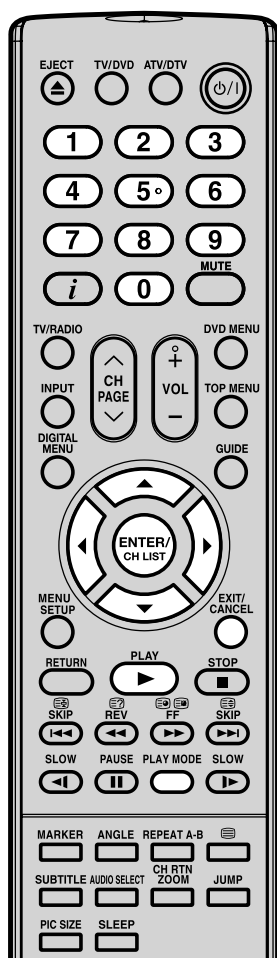| Play Mode		
Mode : Off		1 - - -
Repeat : Off		2 - - -
Program Playback		3 - - - ▼

2 Press ▲/▼ to select "Mode", then press **ENTER** to select "Program".

Play Mode		
Mode : Program		1 - - -
Repeat : Off		2 - - -
Program Playback		3 - - - ▼

3 Press ◄/► to select the programming position. Use **Number buttons (0–9)** to input the track numbers on sequentially.
• If you input a wrong number, press **CANCEL**.

Play Mode		
Mode : Program		1 9
Repeat : Off		2 - - -
Program Playback		3 - - - ▼

4 Press ◄/► to return to the left column, then press ▲/▼ to select the "Program Playback" and press **ENTER**.
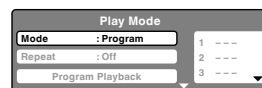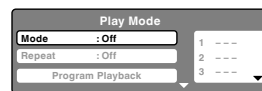
The programs you selected will start to playback in order.
• To resume normal playback, select Mode "Off" in step 2.

To change the program
1. Select Mode to "Program" (as step 2), press ▲/▼/◄/► to select the track number you want to change, then press **CANCEL**.
2. Press **Number buttons (0–9)** to overwrite the new track number.

To clear the program one by one
Select Mode to "Program", press ▲/▼/◄/► to select the track number. Then press **CANCEL**.

To clear all the programs
In the above column, press ▲/▼ to select "Clear Program". Then press **ENTER**.

Random playback (VCD)

1 Press **PLAY MODE** during playback or stop mode.

2 Press ▲/▼ to select "Mode", then press **ENTER** to select "Random".

Play Mode		
Mode : Random		1 - - -
Repeat : Off		2 - - -
Program Playback		3 - - - ▼
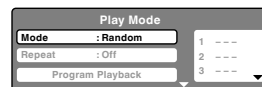
3 Press **PLAY (►)**.
The Random Playback will start.
• If you set "Random" during playback mode, Random playback will begin after the track that is currently being played has ended.
• To resume normal playback, select Mode "Off" in step 2.

Note:
• In case of Video CD with PBC, you cannot set Program playback.
• The program is cancelled when you eject the disc or turn the power off.
• In case of Video CD with PBC, you cannot set Random function during playback.

46

Customizing The Function Settings

You can change the default settings to customize performance to your preference.

Setting procedure

1 Press **SETUP** in stop mode.

The following on-screen display appears.

Menu	: English
Subtitle	: English
Audio	: English
OSD	: English

2 Press ▲ or ▼ to select the desired section, then press ► or **ENTER**.

TV Screen	: 16:9
Display	: On
Picture Mode	: Auto
JPEG Interval	: Off

3 First option will be highlighted. Press ▲ or ▼ to select the desired option.

TV Screen	: 16:9
Display	: On
Picture Mode	: Auto
JPEG Interval	: Off
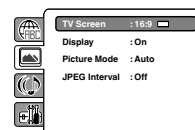
4 Then press ► or **ENTER**.
The selectable settings will appear.

TV Screen	4:3
Display	4:3
Picture Mode	✓ 16:9
JPEG Interval	: Off
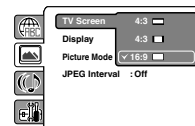
5 Change the selection using ▲ or ▼, by referring to the corresponding pages 48 ~ 50.
Press **ENTER** to save the setting.
• Repeat steps 3 and 5 to change other option.
• To select another section, go back to step 2 by pressing ◄ or **RETURN** repeatedly.

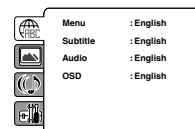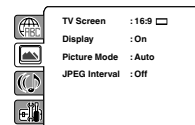6 To clear SETUP screen, press **SETUP** or press **RETURN** repeatedly.

Setting details

Section	Option	Details	Page
	Menu Subtitle Audio	To select the language of "Menu", "Subtitle" and "Audio" if more than one languages are available on the disc.	48
	OSD	To select a preferred language for on screen display.	
	TV Screen	To select a picture size according to the aspect ratio of your TV.	
	Display	To turn On or Off the operational status display on the screen.	
	Picture Mode	To select a preferred picture mode from "Video", "Film" or "Auto".	
	JPEG Interval	To select a preferred setting for the slide show playback.	
	Night Mode	To select On or Off for Night Mode.	49
	Digital Out	To select a digital output sound format corresponding to your system connection.	
	Parental	To select a preferred parental level for the parental setting.	
	Password	To change the password.	50
	DivX(R) VOD	To display your 8-character registration code.	

TOSHIBA

SE-R0329

47
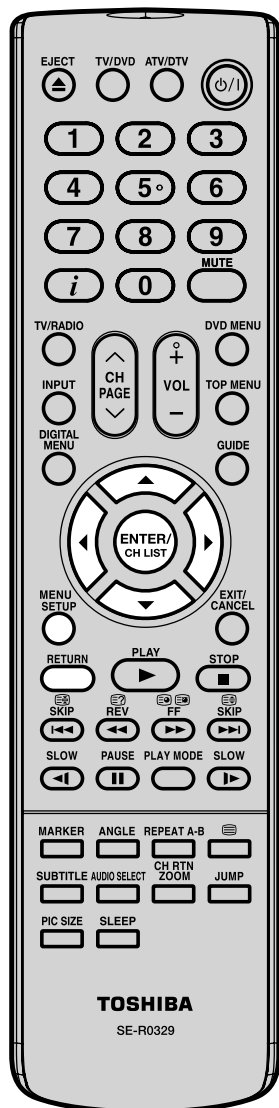
Customizing The Function Settings
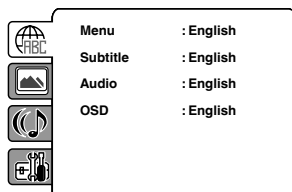
Menu, Subtitle, Audio

You can select the language of "Menu", "Subtitle" and "Audio" if more than one language is recorded onto the disc.

English, Francais, Espanol, Deutsch, Italiano:
The selected language will be heard or seen.

Menu	: English
Subtitle	: English
Audio	: English
OSD	: English

Other:
Other languages can be selected (see "Language Code List" on page 52).

Off (Subtitle):
Subtitles do not appear.

Original (Audio):
The unit will select the first priority language of each disc.

Note:
- If the selected language is not recorded on the disc, the first- priority language is selected.
- Subtitles of Divx® file are also able to be set. Please refer the Language Code List in page 52 for the Languages and Codes which able to be set.

OSD

The setup language can be selected.

English: To display OSD language is English
Francais: To display OSD language is French
Espanol: To display OSD language is Spanish
Deutsch: To display OSD language is German
Italiano: To display OSD language is Italian
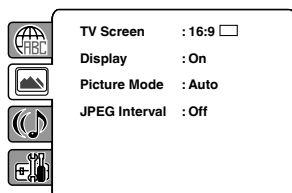
TV Screen

You have the following screen sizes to choose from:

4:3 ▭ (Letterbox)
When playing back a wide screen-DVD disc, it displays the wide picture with black bands at the top and bottom of screen.

TV Screen	: 16:9 ▭
Display	: On
Picture Mode	: Auto
JPEG Interval	: Off

4:3 ▭ (Panscan)
It displays the wide picture on the whole screen with left and right edges automatically cut off.

16:9 ▭ (Wide screen)
A wide screen picture is displayed full size, although the image on the screen may be geometrically distorted in this mode because the TV screen has an aspect ratio of 4:3 not 16:9.

Note:
- If the DVD disc is not formatted in the pan & scan style, it displays 4:3 style.

Display

On screen display can be switched on or off when you press any buttons.

Off: On screen displays do not appear when you press any buttons except **SUBTITLE**, **PLAY MODE**, **MARKER**, *i*, **AUDIO SELECT** and **JUMP**.
On: On screen displays appear when you press the buttons (factory setting).

48

Picture Mode

There are two types of source content in pictures recorded in DVD video discs: film content (pictures recorded from films at 24 frames per second) and video content (video signals recorded at 30 frames per second). Make this selection according to the type of content being viewed.

Auto: Select this selection normally.
The DVD player automatically detects source content, film or video of playback source, and converts that signal in an appropriate method.

Film: The DVD player converts film content pictures appropriately. Suitable for playback of film content pictures.

Video: The DVD player filters video signal, and converts it appropriately. Suitable for playback of video content pictures.

Note:
• Depending on the disc, pictures may be cut off or doubled. In this case, select "Video".

JPEG Interval

You can continuously playback all JPEG files automatically.
After the selection below, the disc will start playback on JPEG files which have been recorded.

Off: Plays back one file at a time.
5 Seconds: Plays back images in the form of a slide show at 5 second intervals.
10 Seconds: Plays back images in the form of a slide show at 10 second intervals.
15 Seconds: Plays back images in the form of a slide show in 15 second intervals.
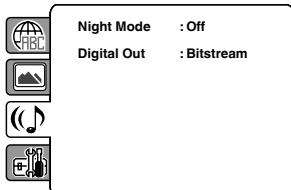
Night Mode

Night Mode enables you to control the dynamic range so as to achieve a suitable sound for your equipment.

Off: It plays back at the recording level on the disc.
On: Loud sound such as explosion is toned down slightly when played back. This is suitable when it is connected to a stereo.

Note:
• This function works only when the disc recorded with Dolby Digital is played back.
• The level of Night Mode may differ depending on DVD video disc.

| Night Mode | : Off |
| Digital Out | : Bitstream |

Digital Out

You can select the digital output sound format corresponding to your system connection.

Off: There is no sound output from DIGITAL AUDIO OUT jack.
PCM: Change Dolby Digital to PCM for the output. Select when connected to a 2 channel digital stereo amplifier.
Bitstream: Disc audio bitstream data will be output.

Note:
• Even if you select "Bitstream", MPEG Audio will be output in PCM format.

49

Customizing The Function Settings

Parental

Some discs are specified as not suitable for children. Such discs can be limited not to playback with the unit.

1) Press ▲ or ▼ to select "Parental", then press **ENTER**. "Enter Password" screen will appear.
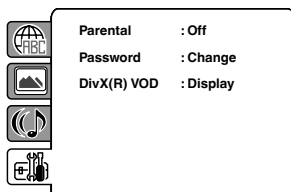2) Press "0000" using **Number buttons (0–9)**. (Please note, this is pre-setting password of this unit). Then press **ENTER**. The parental level list will appear.

Parental : Off
Password : Change
DivX(R) VOD : Display

    Level 1:   DVD software for adults cannot be played back.
    Level 8:   Virtually all DVD software can be played back.
    Level Off: The parental control setting does not function.

3) Press ▲ or ▼ to select from the level 1 to level 8. The limitation will be more severe as the level number is lower. Then press **ENTER**.
4) Press ▲ to activate Parental control setting.

Note:
• If each setup (pages 48 ~ 50) has been completed, the unit can always work under the same condition (especially with DVD discs).
  Each setup will be retained in the memory even if you turn the power off.
• Depending on the discs, the unit cannot limit playback.
• Some discs may not be encoded with specific rating level information though its disc jacket says "adult." For those discs, the age restriction will not work.
• The password is required every time when you change the parental level.
• If you input a wrong number, press **CANCEL**.

Password

1) Press ▲ or ▼ to select "Password", then press **ENTER**. "Enter Current Password" screen will appear.
2) Press **Number buttons (0–9)** to input the current password (If the password has not been set yet after you purchase this unit, it is "0000").
3) Then press **ENTER**. "Enter New Password" screen will appear. Press **Number buttons (0–9)** to input the new password.
4) Press **ENTER**. Now your new password has been set. Be sure to remember this number!

If you forget the password.

1) Press ▲ to remove the disc.
2) While holding **7** down on the remote control and at the same time press **STOP** (DVD) on the side panel. "Password Clear" appears on the screen. Now the password has been returned to the initial value ("0000").

DivX(R) VOD

In order to play DivX® VOD (Video On Demand) content on this unit, you first need to register the unit with your DivX® VOD content provider. You do this by generating a DivX® VOD registration code, which you submit to your provider.

1) Press ▲ or ▼ to select "DivX(R) VOD". Then press **ENTER**.
   Your 8-character registration code is displayed. Make a note of the code as you will need it when you register with a DivX® VOD provider. Then press **ENTER** to select Done.

50

Temporary cancel the rating level by DVD disc

Depending on the DVD disc, the disc may try to temporarily cancel the rating level that you have set. It is up to you to decide whether to cancel the rating level or not.

1 Load a DVD disc.
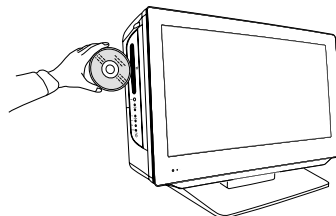
2 If the DVD disc has been designed to temporarily cancel the Rating level, the screen which follows the "Reading" screen will change, depending on which disc is played. If you select "YES" with the **ENTER**, password input screen will then appear.

3 Enter the password with **Number buttons (0–9)**. Then press **ENTER**.

   To exit from the entry, press **RETURN**.

   Enter Password

4 Playback will commence if the entered password was correct.
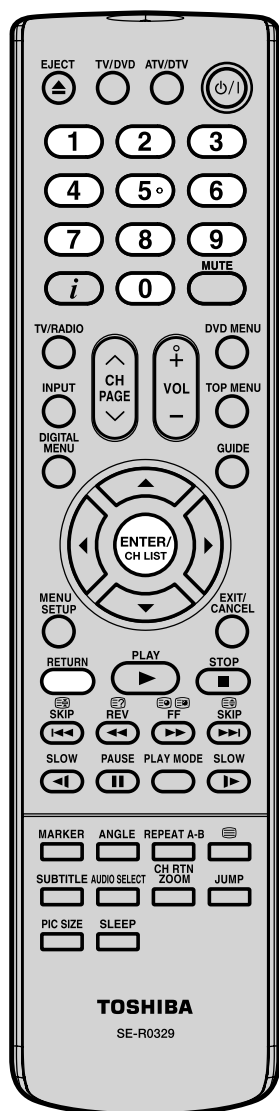
Note:
• This temporary cancellation of rating level will be kept until the disc is ejected.
  When the disc is ejected, the original rating level will be set again automatically.

51

Language Code List

Enter the appropriate code number for the initial settings "Menu", "Subtitle" and/or "Audio" (see pages 48).

Language Name	Code	Language Name	Code	Language Name	Code	Language Name	Code
Abkhazian	1112	Fiji	1620	Lingala	2224	Singhalese	2919
Afar	1111	Finnish	1619	Lithuanian	2230	Slovak*	2921
Afrikaans	1116	French*	1628	Macedonian*	2321	Slovenian*	2922
Albanian*	2927	Frisian	1635	Malagasy	2317	Somali	2925
Amharic	1123	Galician	1722	Malay	2329	Spanish*	1529
Arabic	1128	Georgian	2111	Malayalam	2322	Sundanese	2931
Armenian	1835	German*	1415	Maltese	2330	Swahili	2933
Assamese	1129	Greek*	1522	Maori	2319	Swedish	2932
Aymara	1135	Greenlandic	2122	Marathi	2328	Tagalog	3022
Azerbaijani	1136	Guarani	1724	Moldavian	2325	Tajik	3017
Bashkir	1211	Gujarati	1731	Mongolian	2324	Tamil	3011
Basque	1531	Hausa	1811	Nauru	2411	Tatar	3030
Bengali; Bangla	1224	Hebrew*	1933	Nepali	2415	Telugu	3015
Bhutani	1436	Hindi	1819	Norwegian	2425	Thai	3018
Bihari	1218	Hungarian*	1831	Oriya	2528	Tibetan	1225
Breton	1228	Icelandic	1929	Panjabi	2611	Tigrinya	3019
Bulgarian*	1217	Indonesian	1924	Pashto, Pushto	2629	Tonga	3025
Burmese	2335	Interlingua	1911	Persian	1611	Turkish	3028
Byelorussian*	1215	Irish	1711	Polish*	2622	Turkmen	3021
Cambodian	2123	Italian*	1930	Portuguese	2630	Twi	3033
Catalan	1311	Japanese	2011	Quechua	2731	Ukrainian*	3121
Chinese	3618	Javanese	2033	Rhaeto-Romance	2823	Urdu	3128
Corsican	1325	Kannada	2124	Romanian*	2825	Uzbek	3136
Croatian*	1828	Kashmiri	2129	Russian*	2831	Vietnamese	3219
Czech*	1329	Kazakh	2121	Samoan	2923	Volapük	3225
Danish	1411	Kirghiz	2135	Sanskrit	2911	Welsh	1335
Dutch	2422	Korean	2125	Scots Gaelic	1714	Wolof	3325
English*	1524	Kurdish	2131	Serbian*	2928	Xhosa	3418
Esperanto	1525	Laothian	2225	Serbo-Croatian*	2918	Yiddish	2019
Estonian	1530	Latin	2211	Shona	2924	Yoruba	3525
Faroese	1625	Latvian, Lettish	2232	Sindhi	2914	Zulu	3631

Note:
• Subtitles of Divx® file are applied to only the languages marked with *. Subtitles of Divx® cannot be displayed in the languages without *.

52

As PCs are sometimes supplied with a 'conventional' CRT monitor, you may need to adjust the display settings of your PC's graphics card, otherwise the pictures may not appear correctly. Switch on your PC (still with your original monitor) - select '1360 x 768' for the screen resolution, and select 60 Hz for the on-screen refresh rate. Switch off your PC, then connect it to your LCD TV while both items are still switched off.

Monitor Display modes

MODE	Resolution	V. Frequency	H. Frequency	Pixel Clock Frequency
VGA	640 x 480	60.000Hz	31.500kHz	25.200MHz
SVGA	800 x 600	60.317Hz	37.879kHz	40.000MHz
XGA	1024 x 768	60.004Hz	48.363kHz	65.000MHz
WXGA	1280 x 720	59.870Hz	47.776kHz	79.500MHz
WXGA	1280 x 768	59.939Hz	44.955kHz	74.175MHz
WXGA	1360 x 768	60.015Hz	47.712kHz	85.5000MHz

(according to Graphic card)

Select PC input
Switch on the LCD-TV.
Select the PC input mode (see page 11).
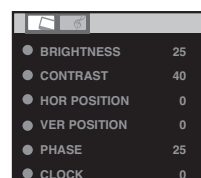(When you use HDMI cable, select HDMI input mode.)

Note:
• If there is no video signal from the computer when the unit is in PC mode, "NO SIGNAL" will appear on the TV screen.
• Digital PC connection via HDMI input is not supported.
 If you try to connect your PC digitally anyway, the TV-operation might freeze. TV will stop to respond properly on usercommands.
 Countermeasure: Switch-off your TV and disconnect from the 220~240V power-supply.
 Disconnect the digital PC connection. Now you may retry operating your TV.
• If a digital PC connection does show a picture, proper working is not guaranteed. Digital PC connection is not granted for this TV.

Use a PC-VGA cable (not supplied) to connect the LCD-Monitor to your PC. You can also connect the PC with HDMI cable. If you use HDMI cable, you don't have to connect the audio cable. If you use HDMI-to-DVI cable, please connect audio cable as same way as VGA cable. Make the connections carefully so as not to break or bend the contacts inside the plug.
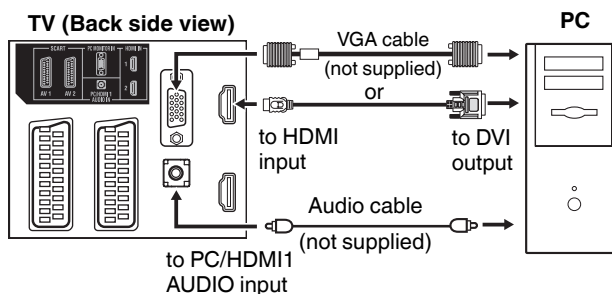
Example: Adjust the contrast.

1 During PC mode press **MENU**. The Menu will appear on the screen.

2 Select CONTRAST, then press **ENTER**. Press ◄ or ► to adjust CONTRAST.

3 Press **EXIT** to return to the normal screen.

● BRIGHTNESS	25
● CONTRAST	40
● HOR POSITION	0
● VER POSITION	0
● PHASE	25
● CLOCK	0

Description about the each setting option:

PICTURE Menu
BRIGHTNESS and CONTRAST: You can adjust these according to your personal preferences.
HOR POSITION and VER POSITION: To adjust the horizontal and vertical placing of the image.
PHASE and CLOCK: Eliminates the horizontal (PHASE) and vertical (CLOCK) interfering lines.
RED/GREEN/BLUE: Influences the colour balance.
BACKLIGHT: Press ◄ or ► to adjust the level you require.
WXGA INPUT: When you input an WXGA signal, set this option to "ON".
RESET: Press **ENTER** to reset BRIGHTNESS, CONTRAST, RED, GREEN, BLUE and BACKLIGHT to the factory preset values.

AUDIO Menu
BASS/TREBLE/BALANCE: Tone setting menu.
SURROUND (26DV615DG): Press ◄ or ► to select surround sound feature ON or OFF.
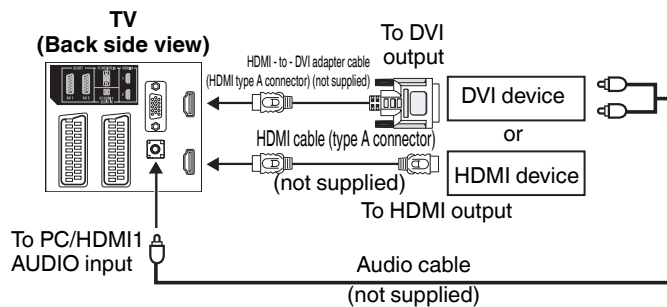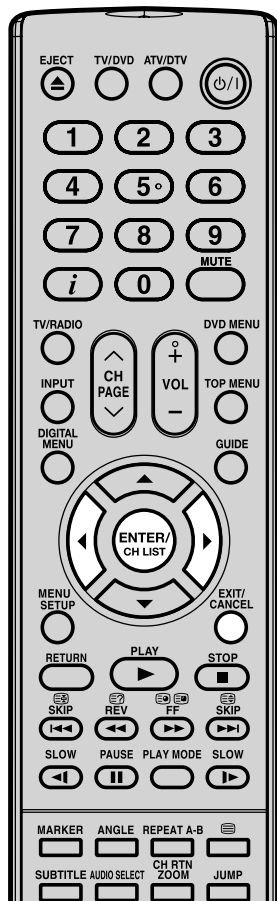**RESET:** Press **ENTER** to reset BASS, TREBLE and BALANCE to the factory preset values.

53

Connecting an HDMI or a DVI device to the HDMI input

The HDMI (HDMI1)input receives digital audio and uncompressed video from a HDMI equipped device or uncompressed digital video from a DVI equipped device.

When you connect the HDMI (HDMI1) to a DVI device with a HDMI-to-DVI adapter cable, it only transfers the video signal, so it is necessary to use separate analogue leads to transfer the audio signals.

Select the HDMI input mode (see page11).

Note:
- This set is classed as "HD-Ready". This means that it is capable of displaying HD (High Definition) signals when connected to a suitable HD source, such as an HD receiver or DVD player that has HD capability, via HDMI, DVI, or Component Video connections.
- Some devices may not operate properly with the TV.

HƆMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

54

TV (Back side view)

To DVI output

HDMI - to - DVI adapter cable (HDMI type A connector) (not supplied)

HDMI cable (type A connector) (not supplied)

DVI device

or

HDMI device

To HDMI output

To PC/HDMI1 AUDIO input

Audio cable (not supplied)

Selecting the HDMI audio input source

You must choose the appropriate HDMI audio input setting for each connection, depending on whether the source is equipped with a DVI or HDMI socket.

1 Select HDMI1 AUDIO (only for 26DV615DG, the rest of the models are "HDMI AUDIO") then press **ENTER**.
Press ◄ or ► to select HDMI or DVI.

● NICAM	AUTO
● BASS	25
● TREBLE	25
● BALANCE	0
● SURROUND	OFF
● HDMI 1 AUDIO	HDMI
◄●►	HDMI
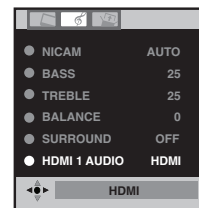
2 Press **EXIT** to return to the normal screen.

Note:
- Follow the user's manual that came with the HDMI-device, which you try to connect to this TV.
  If there is no picture available via HDMI-connection, do connect via SCART-cable first. Use the HDMI-device's remote-control to call the HDMI-device's setup-menu onto the screen.
- Follow the HDMI-device's manual, to set its video-output to HDMI.
- When successfully set to HDMI, select this TV's HDMI-input, as described in here on page 11 (Select Video Input).
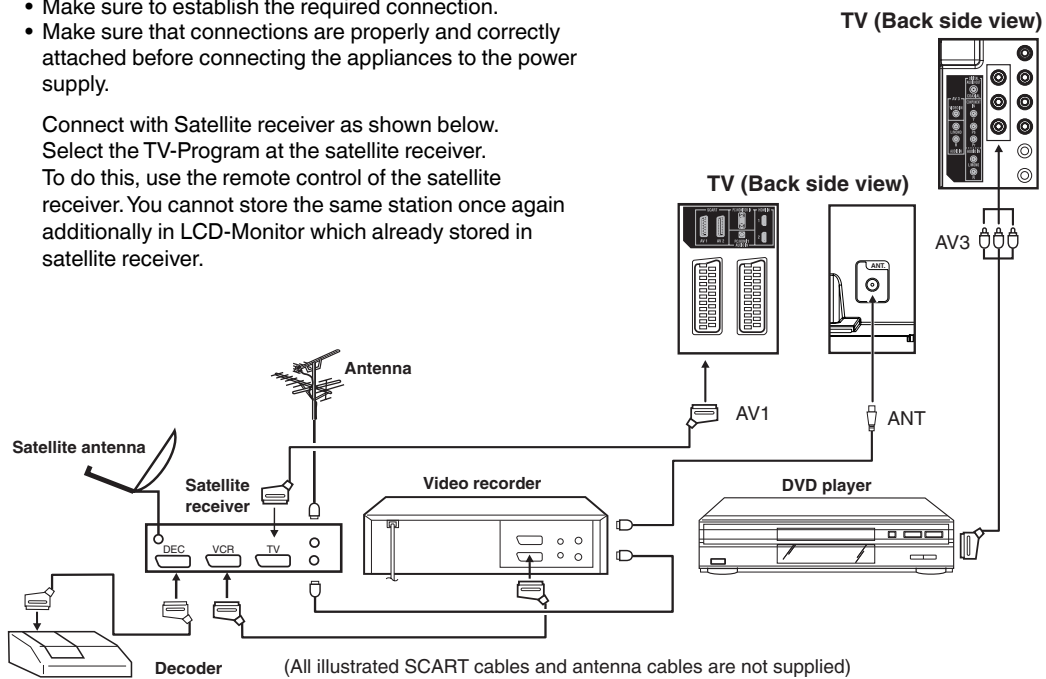
Connection to other equipment

1. Connecting other units to your TV
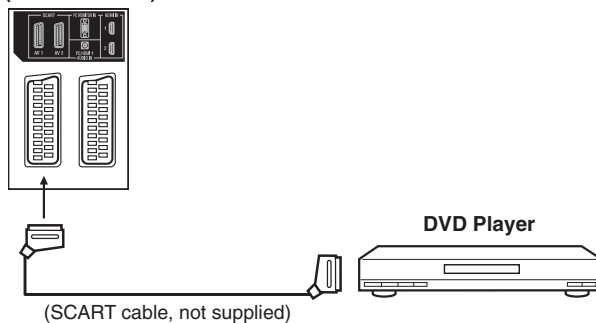   **Caution. Before connecting:**
   - Make sure to disconnect the appliance from the power supply in order to avoid any potential damage from occurring.
   - Make sure to establish the required connection.
   - Make sure that connections are properly and correctly attached before connecting the appliances to the power supply.

   Connect with Satellite receiver as shown below.
   Select the TV-Program at the satellite receiver.
   To do this, use the remote control of the satellite receiver. You cannot store the same station once again additionally in LCD-Monitor which already stored in satellite receiver.

TV (Back side view)

TV (Back side view)

AV3

Antenna

AV1

ANT

Satellite antenna

Satellite receiver

Video recorder

DVD player

DEC   VCR   TV

Decoder   (All illustrated SCART cables and antenna cables are not supplied)

2. Connecting a DVD player

TV (Back side view)

DVD Player

(SCART cable, not supplied)

To ensure optimum picture quality, select RGB for the DVD player's output signal (see Owner's manual of the DVD player). AV1 SCART is compatible with RGB signal. Select AV1 input mode to view (see page 11).
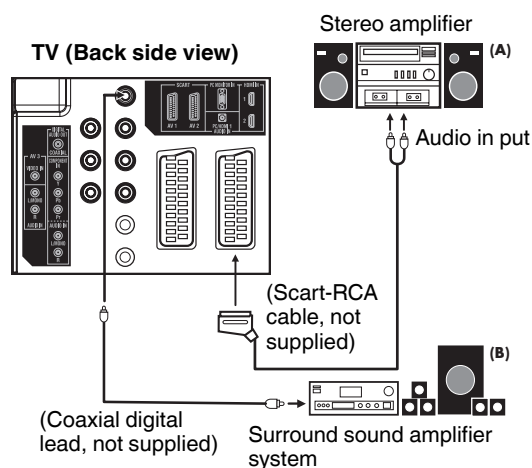
55

Connection to other equipment

3. Connecting an audio system

You can supply the TV sound to the stereo equipment (A) with the scart socket. Use a special scart cable for the connection sold separately. (please consult your hi-fi instructions for details). If you have a surround sound amplifier/decoder (B) with a coaxial digital input, you can connect the Coaxial Digital Audio Output to it, using a suitable coaxial digital lead. This connection carries the audio signal from the set's Digital channels only.

Note:
• The Bass/Treble/Balance adjustments (see P.18) only function with the sound from the TV speakers - it does not affect the audio output sockets.

TV (Back side view)

Stereo amplifier

(A)

Audio in put

(Scart-RCA cable, not supplied)

(B)

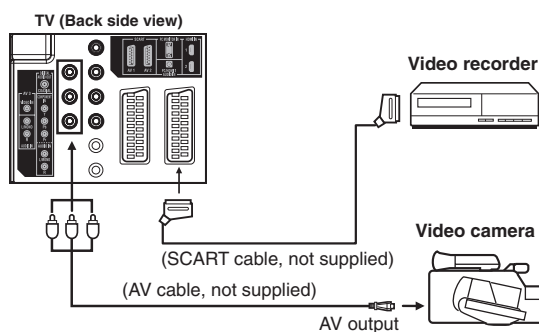(Coaxial digital lead, not supplied)

Surround sound amplifier system

• After connecting a Dolby Digital decoder please select in the DVD menu the Dolby Digital (DD) sound track option.
• Several DVDs may be pre-recorded on both sides however only one side contains the Dolby Digital sound track. Please insert the correct DVD side.
• When a DTS sound track is played the integrated loudspeakers are mute. The DTS sound can only be played digitally using the digital outlet. DTS decoder is necessary for hearing.
• Digital audio output is active only when receiving DVB-T, not when receiving analogue cable TV broadcasting.

4. Connecting Video camera and Video recorder

Select the AV input mode (see page 11). You can see the playback picture from video camera.
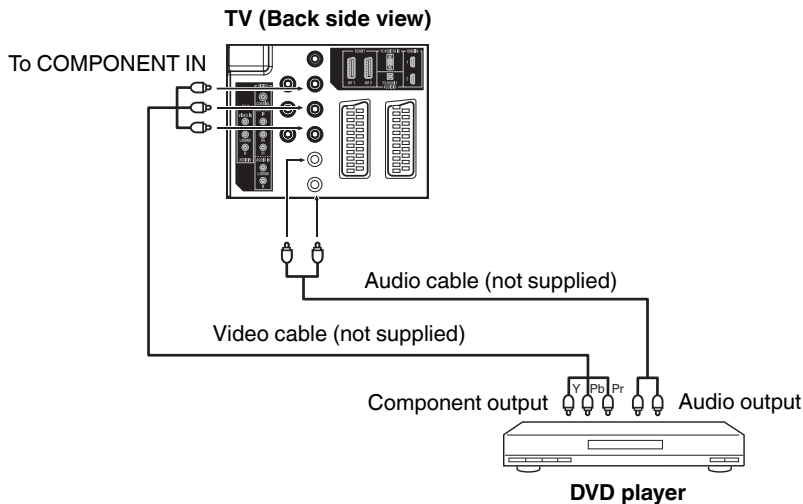
Note:
• If you have a camcorder with S-video, use an S-video cable instead of a standard video cable. Do not connect both a standard video cable and an S-video cable at the same time, or the picture performance will be unacceptable. (19/22DV615/616DG)

TV (Back side view)

Video recorder

Video camera

(SCART cable, not supplied)

(AV cable, not supplied)

AV output

56

5. Connecting to a DVD player or other AV device with Component Video outputs
If your DVD player (or other device) has Component Video output jacks, use a suitable set of leads (RCA/Phono) to connect these to the Component Video inputs on this TV as shown - it can greatly enhance the picture quality and performance. Please remember that you will also need to connect separate leads (RCA/Phono) for the audio signals. Select the COMPONENT input mode (see page 11).

TV (Back side view)

To COMPONENT IN

Audio cable (not supplied)

Video cable (not supplied)

Component output   Y Pb Pr   Audio output

DVD player

Note:
• The Component Video input of this unit are for use with equipment which outputs interlaced signals (PAL: 576i/1080i or NTSC: 480i/1080i) and progressive signals (PAL: 576p/720p or NTSC: 480p/720p).

Status message

Information/Status message	Cause
Invalid entry	The channel does not exist. (e.g., "000")
No radio services	Cannot change to Radio mode because there is no radio service in the channel list.
No TV services	Cannot change to TV mode because there is no TV service in the channel list.
No services	There are no services in the received signal.
No subtitles	There are no subtitles in the received signal.
No video No audio	The signal does not contain audio or video.
Audio stream not available	The Multi Audio Menu cannot be displayed because there is no sound.
Descrambling not possible	The services for the selected channel are not available for this card.
CI card initialized	CI card is initializing.
CAM module has been removed	CAM module has been removed. (CAM is used for inserting the CI card.)
Database empty	There are no services in the TV.
No signal	There are no signal inputs.
Locked service	The service is locked with the channel organizer.
Scrambled service	The service is scrambled and unavailable.
Digital Service	Not available.
Not Running	Broadcasting has been suspended.
HD service	This service is for HD.
New service added …	A new service has been added.
Upgrading available service details	Service information has been changed. The channel list is updating.
Duplicate carrier found	The same signal has already been set.
Invalid Stream	Contains a video format that is not supported by this TV.

57

Troubleshooting table

Please check the following list before requesting service.

Symptom	Possible solution	Page
TV		
No picture, no sound	Switch on the set. Check that the mains power outlet is properly connected. Select appropriate input mode. Unplug unit for 1 minute, then plug it back in.	6 9 11
No reception	Have you tuned in the TV stations? Connect the antenna. Make sure the set is ON and not in Standby mode	10, 11 9 6
The TV switches off with missing antenna input signal	This is normal. 15 minutes after the antenna signal has disappeared, the set will change to standby mode.	14
In ☑ menu, the TUNING option cannot be selected.	The unit is set to AV mode. Press **1** on the remote control.	11
Wrong Colours	Colour and Brightness errors can occur when the viewing angle / ambient air temperature (see technical specifications) are exceeded.	–
While viewing a DVB (digital) channel, there is sound but no picture.	Some channel offers audio content only. It is normal.	–
Blocky image or image stops intermittently.	Check all antenna connections. Move the antenna away from areas of possible interference. Try using an antenna booster.	9
Some digital channels cannot be viewed.	Contact the service provider to subscribe.	–
"Database empty" message appears on the screen.	Check all antenna connections and try auto tuning again.	9, 20
DVD		
The playback picture has occasional distortion.	The disc is dirty. Eject the disc and clean it. Some times a small amount of picture distortion may appear. This is not a malfunction.	31, 32
The unit does not start playback.	No disc is inserted. Insert a disc. An unplayable disc is inserted. Insert a playable disc (Check the disc type and colour system). Place the disc in the disc slot with the label side facing forward. The disc is dirty. Clean the disc. Cancel the parental lock function or change the parental lock level.	32 31 32 31 50, 51
✗ appears on the screen.	The function is prohibited with the unit or the disc.	34

- The LCD panel is a very high technology product, giving you fine picture details. Occasionally, a few nonactive pixels may appear on the screen as a fixed point of blue, green or red. Please note that this does not affect the performance of your product.

58

Specifications

Model	19DV615DG/ 19DV616DG	22DV615DG/ 22DV616DG	26DV615DG
TV			
System:	Analogue: PAL UK, IR, CCIR, FRENCH System, B/G, D/K, I/I, L Digital: DVB-T (OFDM 2k/8k 16QAM/64QAM)		
Video Colour System:	PAL/SECAM/NTSC 3.58/NTSC 4.43/PAL 60		
Preset channels:	Analogue channels (99) + Digital channels (Carrier 200/Service1000)		
Frequency Range:	Analogue: IreE2~E4, X~Z+2, S1~S10, E5~E12, S11~S41, E21~E69 Digital: E5~E12, ItaD~H2, Fra1~6, Rus6~12, E21~E69		
LCD:	470 mm visible*	548 mm visible*	661 mm visible*
	TFT low-glass Active Matrix Colour LCD, 1366 x 768 Pixel		

HDMI input:	HDMI compliant (type A connector)
	HDCP compliant
	Suggested scan rates: PAL: 576i/576p/720p/1080i
	                                       NTSC: 480i/480p/720p/1080i
	PC Audio: 2-channel PCM, 32/44.1/48 kHz sampling frequency
	                  16/20/24 bits per sample		

Audio Output Power:	approx. 1.5W (MAX) x 2		approx. 10W (MAX) x 2
DVD			
Signal system:	NTSC, PAL (Region 2)		
Applicable disc:	DVD (12cm, 8cm), CD (12cm, 8cm)		
Output:	Audio : (RCA) –12.0 dBm, 1 k Ω Digital Audio : 0.5Vp-p/75 Ω		

Pickup:	CD : Wavelength: 775 - 805 nm
	              Maximum output power: 0.5 mW
	DVD : Wavelength: 640 - 660 nm
	              Maximum output power: 1.0 mW		

GENERAL			
Power Source:	AC 220-240V, 50Hz		
Power Consumption:	Operation: approx. 38W at 230V, 50Hz Standby: approx. 0.8W at 230V, 50Hz	Operation: approx. 53W at 230V, 50Hz Standby: approx. 0.8W at 230V, 50Hz	Operation: approx. 94W at 230V, 50Hz Standby: approx. 0.7W at 230V, 50Hz
Weight:	5.2 kg	5.4 kg	10.3 kg
Dimensions:	47.6(W)x36.4(H)x 20.7(D)cm	55.0(W)x40.7(H)x 20.7(D)cm	68.1(W)x51.4(H)x 22.7(D)cm
Surrounding temperature:	Operation: 5°C ~ 40°C/Storage: –20°C ~ 60°C		
ACCESSORIES			
2 batteries (AAA/R03/UM-4)/Remote control unit/Aerial cable/AC cord			2 batteries (AAA/R03/ UM-4)/Remote control unit/AC cord

Weight and Dimensions are approximate. Because we continually strive to improve our products we may change specifications and designs without prior notice.

*Visible screen size is approximate.

EU Conformity Statement

$C \, \epsilon$

"This product is marked with "CE" and complies therefore with the applicable harmonized European standards listed under the Low Voltage Directive **2006/95/EC** and the EMC Directive **2004/108/EC**."

Responsible for CE-marking is TOSHIBA INFORMATION SYSTEMS (U.K.) LTD, Toshiba Court, Weybridge Business Park, Addlestone Road, Weybridge, Surrey, KT15 2UL, United Kingdom

Following information is only for EU-member states:
The use of the symbol indicates that this product may not be treated as household waste. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

Following information is only valid for EU-member States:
Disposal of batteries and/or accumulators

The crossed out wheeled dust bin symbol indicates that batteries and/or accumulators must be collected and disposed of separately from household waste.

If the battery or accumulator contains more than the specifi ed values of lead (Pb), mercury (Hg), and/or cadmium (Cd) defi ned in the Battery Directive (2006/66/EC), then the chemical symbols for lead (Pb), mercury (Hg) and/or cadmium (Cd) will appear below the crossed out wheeled dust bin symbol.

Hg Cd Pb

By participating in separate collection of batteries, you will help to assure the proper disposal of products and batteries and thus help to prevent potential negative consequences for the environment and human health.

Pb

For more detailed information about the collection and recycling programmes available in your country, please contact your local city office or the shop where you purchased the product.

J52R0131A SH 09/04℗