Acer Monitor

M200/M230
User Guide

Contents

Model Number: _____

Serial Number: _____

Purchase Date: _____

Place of Purchase: _____

HDMI	HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trade-marks of HDMI Licensing LLC.
DVB Digital Video Broadcasting	DVB is a registered trademark of the DVB Project.

Important safety instructions

Read these instructions carefully. Please put them somewhere safe for future reference.

1. Only use attachments/accessories specified by the manufacturer.

2. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/ apparatus combination to avoid injury from tip-over.

3. Unplug this apparatus during lightning storms or when unused for long periods of time.

4. Do not install this equipment in a confined space such a book case or similar unit.

5. No naked flame sources, such as lighted candles, should be placed on the apparatus.

6. If the remote control will not to be used for a long time, remove the batteries. Use the remote control carefully. Do not drop the remote control on the floor. Keep it away from moisture, direct sunlight, and high temperatures.

7. Used or discharged batteries must be properly disposed of or recycled in compliance with all applicable laws. For detailed information, contact your local solid waste disposal authority.

8   Follow all warnings and instructions marked on the product.

9   Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

10 Do not use this product near water.

11 Do not place this product on an unstable cart, stand or table. The product may fall, sustaining serious damage.

12 Slots and openings are provided for ventilation; to ensure reliable operation of the product and to protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug or other similar surface. This product should never be placed near or over a radiator or heat register or in a built-in installation unless proper ventilation is provided.

13 This product should be operated from the type of power indicated on the marking label. If you are not sure of the type of power available, consult your dealer or local power company.

14 Do not allow anything to rest on the power cord. Do not locate this product where the cord will be stepped on.

15 If an extension cord is used with this product, make sure that the total ampere rating of the equipment plugged into the extension cord does not exceed the extension cord ampere rating. Also, make sure that the total rating of all products plugged into the wall outlet does not exceed the fuse rating.

16 Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short-out parts, which could result in a fire or electric shock. Never spill liquid of any kind on the product.

17 Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks. Refer all servicing to qualified service personnel.

18 Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

a. When the power cord or plug is damaged or frayed.

b. If liquid has been spilled into the product.

c. If the product has been exposed to rain or water.

d. If the product does not operate normally when the operating instructions are followed. Adjust only those controls that are covered by the operating instructions. Improper adjustment of other controls could result in damage; extensive work by a qualified technician might then be required to restore the product to normal condition.

e. If the product has been dropped or the case has been damaged.

f. If the product exhibits a distinct change in performance, indicating a need for service.

19 Use only the proper type of power supply cord set (provided in your accessories box) for this unit. Always disconnect the power cord from the wall outlet before servicing or disassembling this equipment.

20 Do not overload an electrical AC outlet, power strip, or convenience receptical. The overall system load must not exceed 80% of the branch circuit rating. If power strips are used, the load should not exceed 80% of the power strip input rating.

21 Some products are equipped with a three-wire electrical grounding-type plug that has a third pin for grounding. This plug only fits into a grounded electrical outlet. This is a safety feature. Make sure the AC outlet is properly grounded. Do not defeat the safety purpose of the grounding-type plug by trying to insert it into a non-grounded outlet. If you cannot insert the plug into the outlet, contact your electrician to replace the obsolete outlet.

22 Do not use this monitor in the workplace in accordance with BildscharbV, and maintain ample distance from it when watching. Watching a big-screen monitor too close can cause eyestrain.

23 This monitor is designed for home entertainment purposes only. Make sure there is sufficient distance between you and the monitor when you are viewing content to avoid harming your eyes.

The grounding pin is an important safety feature. It is possible to receive an electric shock from a system that is not properly grounded.

The grounding pin is also providing good immunity ability against unexpected noise that interferes performance of this product and is produced by other nearby electrical devices.

Disposal instructions

Do not throw this electronic device into the rubbish bin / container when discarding. To minimize pollution and ensure utmost protection of the global environment, please recycle.

For more information regarding WEEE, please refer to
http://global.acer.com/about/environmental.htm

Соответствует сертификатам, обязательным в РФ
(Compliant with Russian regulatory certification)

ME61

Your monitor overview

Front and side panels

1	Common interface
2	HDMI port
3	USB port
4	Earphone
5	Remote control receiver
6	Power Button
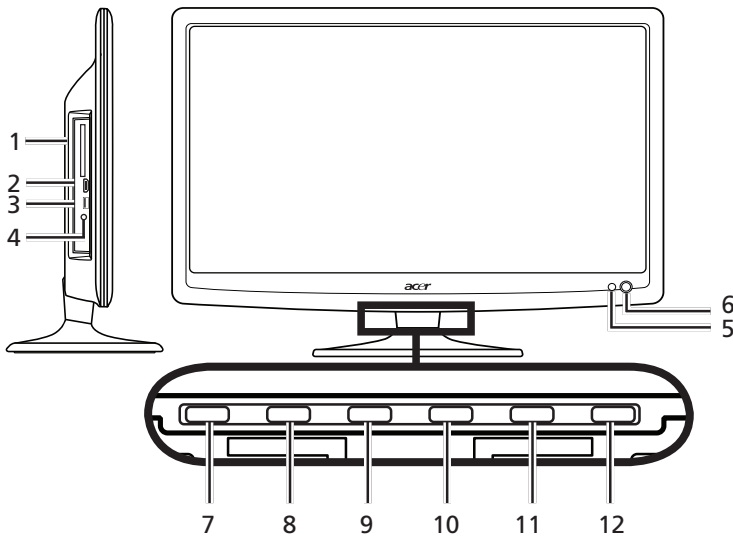
7	Volume down	When the OSD is on, functions the same as the Left arrow.
8	Volume up	When the OSD is on, functions the same as the Right arrow.
9	Channel down	When the OSD is on, functions the same as the Down arrow.
10	Channel up	When the OSD is on, functions the same as the Up arrow.
11	Menu key	Turns the OSD menu ON and OFF.
12	Source (Input) key	Press to change input source. When the OSD is on, press this button to confirm selection.

Rear panel view

1	AC-in	5	AV in-COMPONENT + Audio L/R
2	HDMI port	6	SPDIF out
3	VGA-in + PC Audio-in	7	AV in-S-video, CVBS, Audio L/R
4	SCART	8	Tuner*
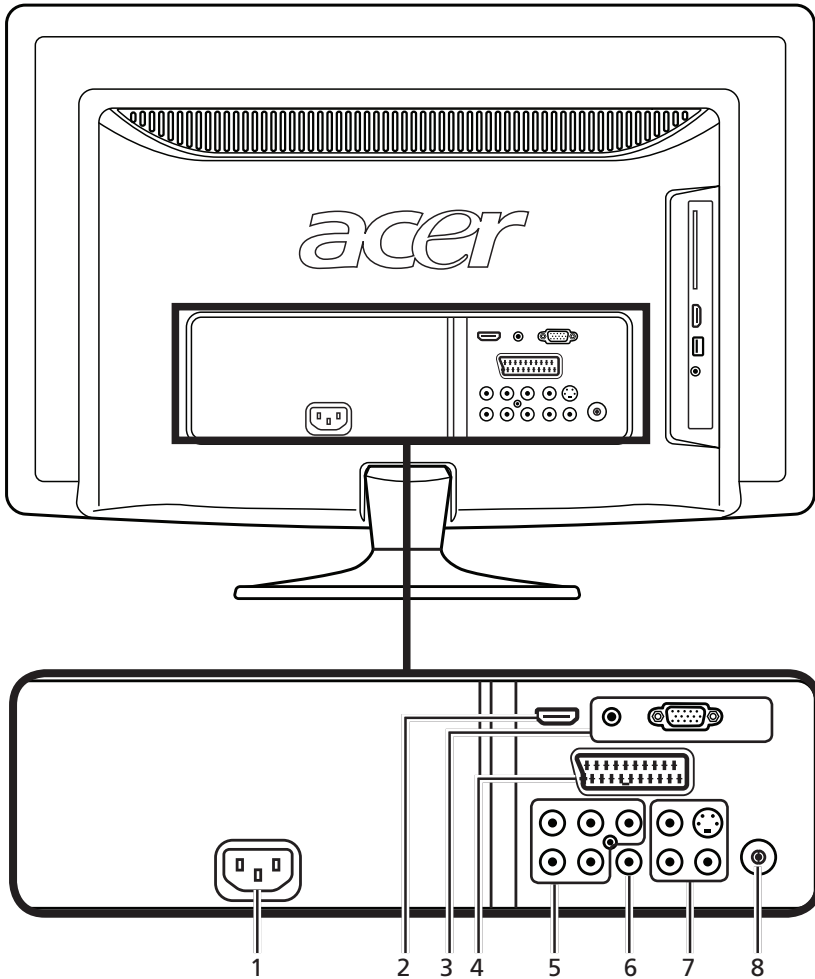
* Tuner supports analog, digital and mixed signals.

Remote control

General keys

1   POWER
Press to turn your TV on/off.

2   DISPLAY
Press to display or change input/
channel information (dependent on
input/source type).

3   GUIDE
Press to launch Electronic Programme
Guide (EPG) mode
(Digital TV mode only). See page 34.

**4   SOURCE
(TV/Video/S-Video/Component/
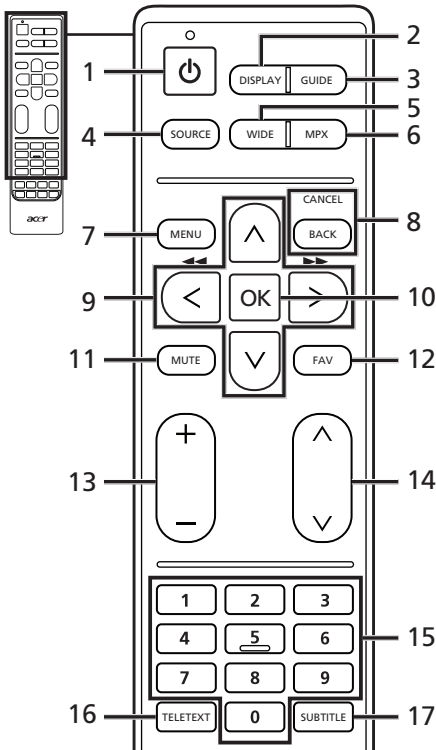SCART/D-Sub/HDMI)**
Press to select correct input mode.

5   WIDE
Press to toggle scaling mode between
4:3, 16:9, and Letterbox 1, 2, 3 modes.

6   MPX
Press to display and select the audio
signal.

7   MENU
Press to open or close the Menu.

8   Back/CANCEL
Press to back to previous Menu.

9   Directional keys
On certain models, the left and right
directional keys also function as
rewind and fast-forward keys when
viewing multimedia files.

10 OK/ENTER/CH LIST
ENTER: Press to confirm channel
number selection.
CH LIST: Press to launch the channel
list. See page 33.

11 MUTE
Press to toggle audio on and off.

12 FAV
Press to display the favorite channel
list.

13 VOL (+/-)
Press to increase or decrease the
volume.

14 CH (up/down)
Press to sequentially select the TV
channel.

15 Number keys.

16 TELETEXT/MIX
Press to switch from TV/AV to Teletext
mode.
Press to overlay teletext page on the
TV image.

17 SUBTITLE
Press to view subtitles on the screen.

Teletext and Multimedia
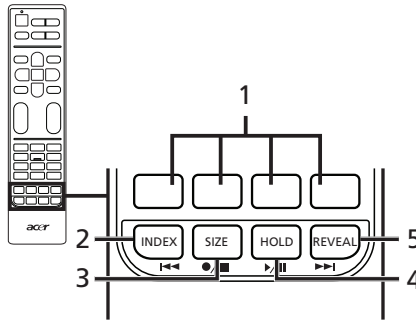
Teletext

1 Colour buttons (R/G/Y/B)
Operates corresponding button on the teletext page.

2 INDEX
Press to go to the index page.

3 SIZE
Press once to zoom teletext page to 2X.
Press again to resume.

4 HOLD
Press to pause the current teletext page.

5 REVEAL
Press to reveal hidden teletext information.

Multimedia

1 Colour buttons (R/G/Y/B)
No function when using the mutimedia interface.

2 Previous Track
Press to go to the beginning of a track, or the previous track.

3 Stop
Press to stop playback.
On certain televisions the remote control can start recording programmes. This feature is not available on your television.

4 Play/Pause
Press to start playing the selected track, or pause a track if it is already playing.

5 Next track
Press to skip to the next track if multiple tracks have been selected.

6 You may use the left and right directional buttons to avance or rewind in a track. Press the button again to increase how fast the track advances (x2/x4/x8/x16).
Press the Play/Pause button to resume playback.

The left and right directional keys also function as rewind and fast-forward keys when viewing multimedia files.

Basic connections

Connecting the power cord

1   Connect the AC cord into the AC input on the back of the set.

2   Connect the plug to the wall outlet as shown.
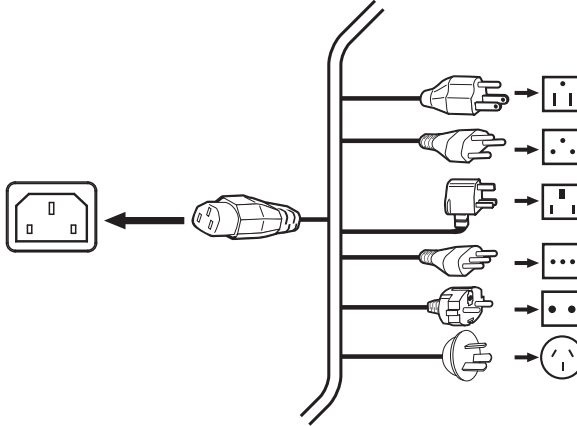
Setting up the remote control

1   Open the cover on the back of the remote unit.

2   Insert two AA batteries (supplied) to match the polarity indicated inside the battery compartment.

Enjoying analog and digital TV

Connecting an antenna/cable

Connect the antenna cable to the appropriate antenna terminal on the back of the monitor set as shown below.

Tuner
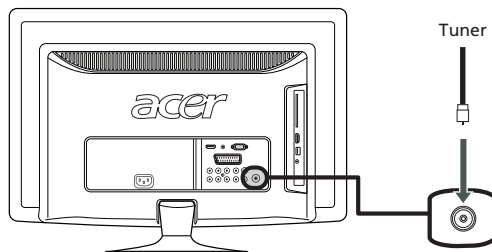
Getting started using your monitor
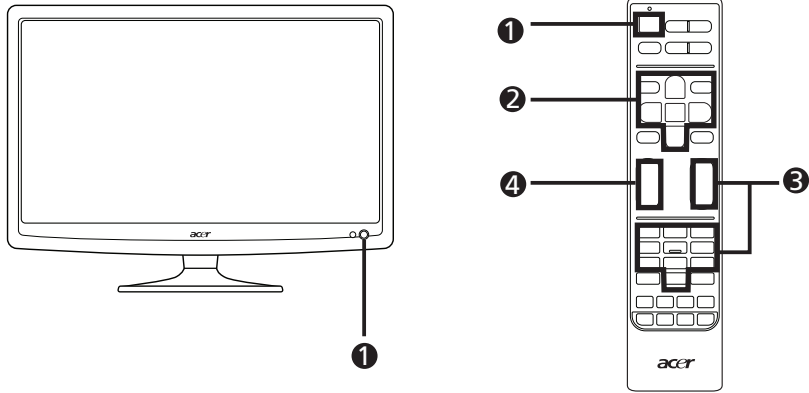
❶ Power

a. Turn on the power switch beneath the screen.

b. Press the power button or channel up/down button on the remote control.

❷ Installation Guide

The first time you switch on the monitor, you will be asked to select the language and scan for channels.

Press the OK key to begin the setup process.

> You can also adjust these settings using the front control panel. Please see "Front panel view" on page 8 for details.

Step 1. Select the setup language you prefer.

Step 2. Please select the correct country for signal reception.

Step 3. Ensure that your co-axial cables are connected correctly before proceeding.

Step 4. Scan for digital channels and analog channels.

Step 5. Setup is now complete. You are ready to begin watching monitor.

❸ Changing channels

a. Press 0 - 9 on the remote control to select a channel. The channel changes after 2 seconds. Press OK to select the channel immediately.

b. Pressing the channel (CH) up / down button on the remote control will also change the channel.

❹ Adjusting the volume

Adjust the volume level using the (VOL) up/down button on the remote control.

Setup may vary due to local broadcast differences.

Connecting external audio/video devices

Connecting a DVD, VCR, STB or audio/video equipment

Connect your DVD player, VCR or audio/video equipment using the SCART port located at the rear of your monitor as shown below.

Source-in

◁Y▷	Yellow
◁R▷	Red
◁W▷	White
◁B▷	Blue
◁G▷	Green
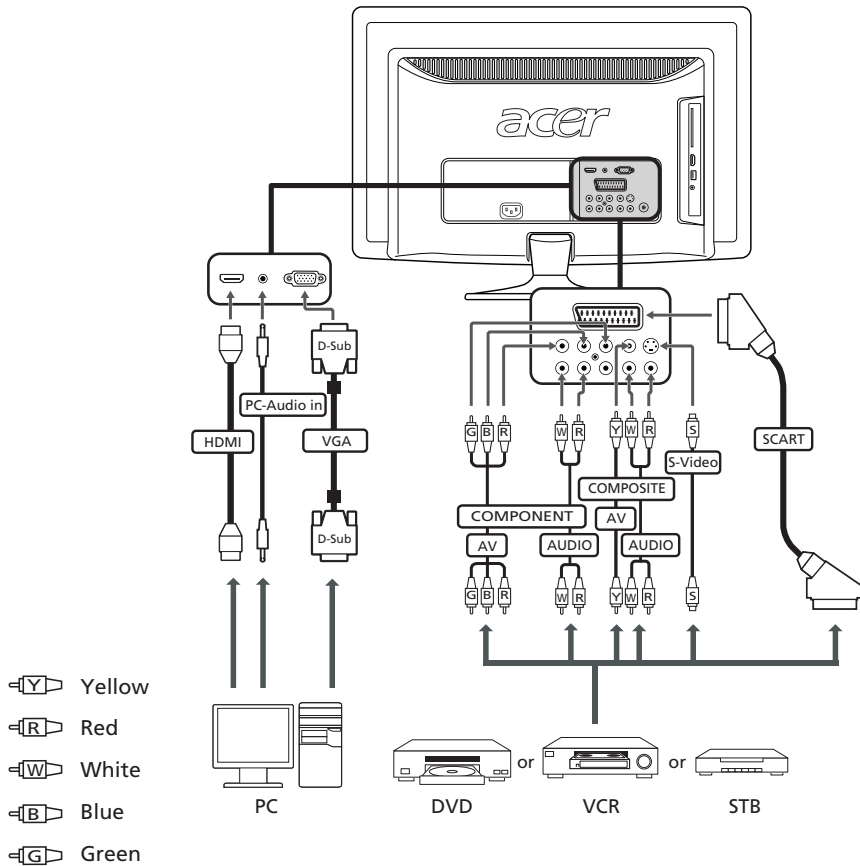
* Acer recommends the following priority for connection types:
HDMI -> COMPONENT -> SCART -> S-Video -> Composite.

TV-out

SCART

SPDIF

Recorder

AV
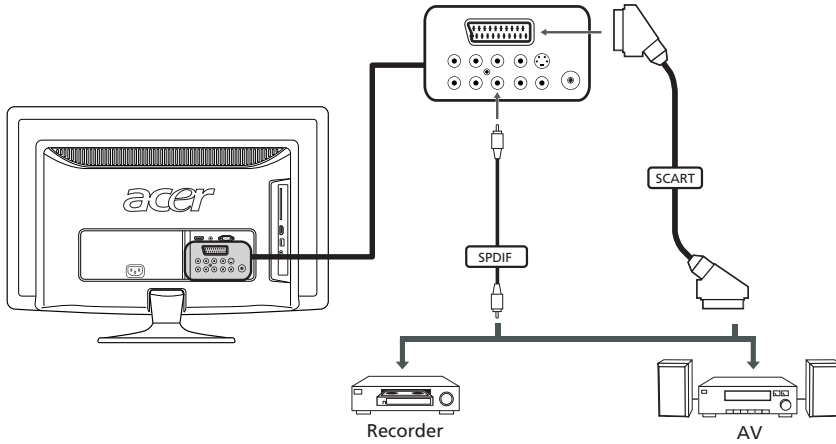
* Analog TV signal output through SCART is only available when watching an analog TV channel.

Connecting a camera, camcorder or game console

Connect your camera or camcorder to the video/audio ports on the left of the monitor set as shown below.

HDMI

G B R

W R

Y W R

S

S-Video

COMPOSITE

COMPONENT

AV

AV

AUDIO

AUDIO

G B R

W R

W W R

S
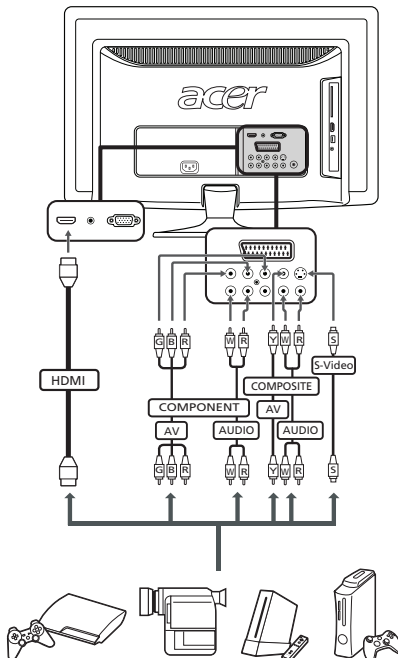
Connecting a PC or notebook computer

To display PC output on your monitor, connect your PC or notebook computer to the monitor as shown below.
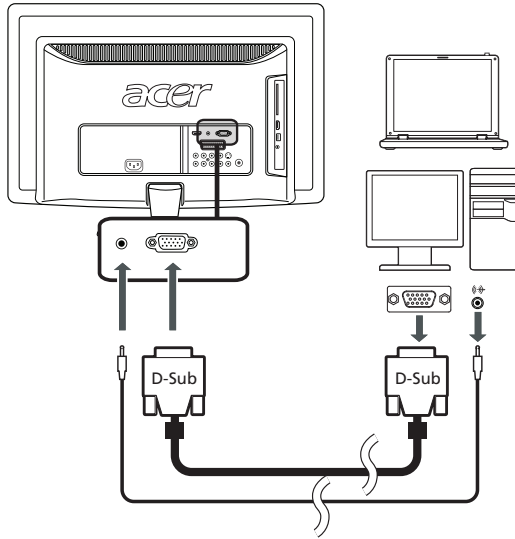
For VGA connections, Acer recommends setting your PC's external monitor resolution to 1600 x 900 pixels @ 60 Hz refresh rate (for 20" models) or 1920 x 1080 pixels @ 60 Hz refresh rate (for 23" models).

Connecting a USB storage device

To display multimedia content on your monitor, connect the USB device to the monitor as shown below.

Handy drive
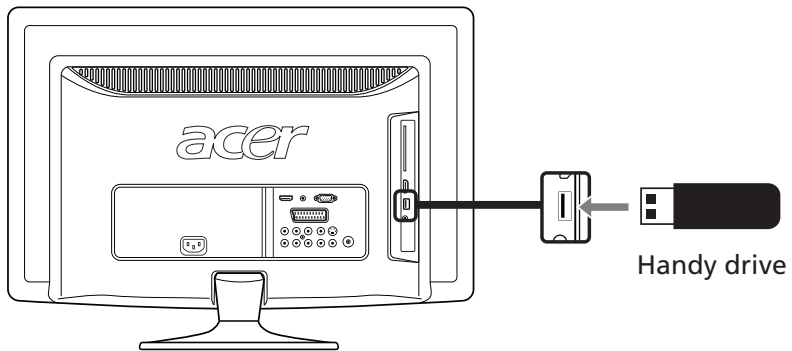
Selecting the input source

Once you have connected your antenna or external equipment to the monitor, you need to select the correct input source.

Press the **SOURCE** button on the remote control to select the correct input source (TV/SCART/Component/PC-RGB/HDMI1/HDMI2/AV/S-Video/Storage).
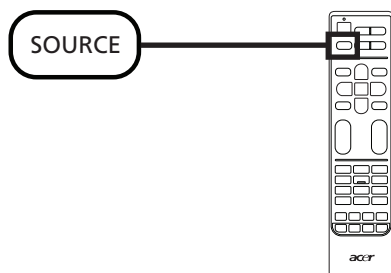
SOURCE

Playing multimedia files from a USB storage device

Connecting a USB storage device

Connect the USB storage device to the USB port on your computer.

Press the Source button on the remote control and select **Storage**.

SOURCE
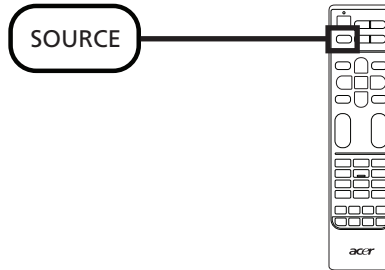
Navigating in the multimedia screen

There are three main areas of the multimedia screen:
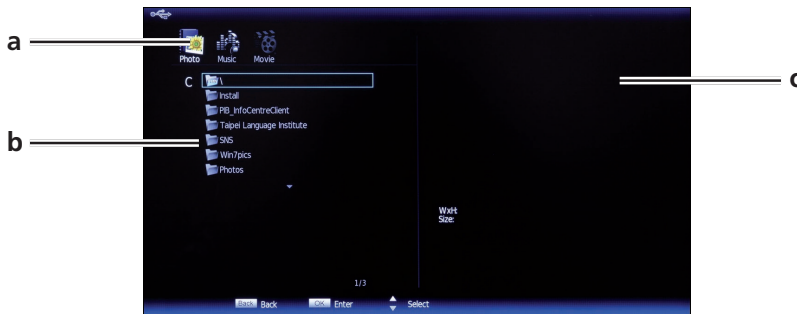
a. Media selection

The top-left of the screen shows the type of media being viewed: **Photo**, **Music** or **Movie**. Use the left or right directional keys to select a type of media, then press the **OK** button to move to the navigation menu and find your files.

b. Navigation menu

The section on the left shows the contents of the USB device. If your device uses folders to organise files, you may use the up and down directional keys to select a folder; press **OK** to open a folder.

Only files that match the selected media type are displayed.

Select **Up Folder** to navigate back to the folder that contains the folder being viewed.

Press **BACK** to return to the Media selection options.

c. File preview

The section on the right shows a preview of the selected file, including important file information.

Note: that it may be a short pause before the preview is displayed, depending on the size of the selected file.

Playing media files

Once you have found the file or files that you want to play, you may open them in full screen or as a slideshow.

If you want to play **all** files from a folder, in the order they are shown, simply press **Play** ('**Hold**' on the remote control). If you want to play a specific file, or selection of files, navigate to the file and press **OK**. A tick in the box next to the file name will show that the file is selected. Once you have made your selections, press **Play**.

Photo files

Selected photo files will be shown in a slideshow, each photo will be displayed for ten seconds. Press **Play/Pause** to pause the display on a specific photo.

Press **Previous** ('**Index**') or **Next** ('**Reveal**') to view the next photo, or return to the previous photo; there will be a delay while the next photo is prepared. Pressing the key more than once will skip multiple photos.

Press **BACK** or **Stop** ('**Size**') to return to the folder navigation list and preview screen.

Music files

Selected music files will be shown in a playlist on the right of the screen; use the up and down directional keys to select a specific track.
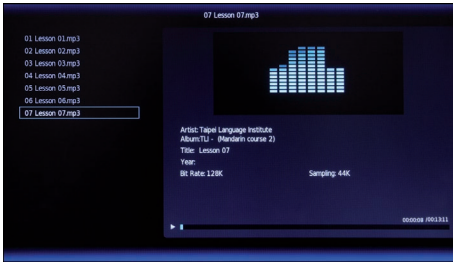
Press **Play/Pause** to pause a track.

Press **Previous ('Index')** or **Next ('Reveal')** to skip to the previous track or advance to the next track in the playlist.

You may use the left and right directional buttons to avance or rewind in a track. Press the button again to increase how fast the track advances or rewinds (x2/x4/x8/x16).

Press **BACK** or **Stop ('Size')** to return to the folder navigation list and preview screen.

Movie files

Selected movie files will be played on the screen.
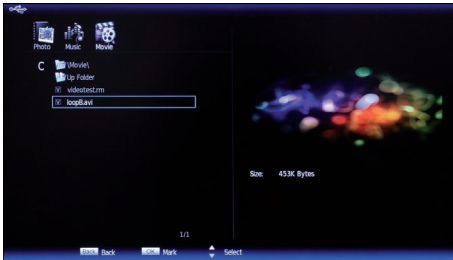
Press **Play/Pause** to pause a movie.

Press **Previous ('Index')** or **Next ('Reveal')** to skip to the previous movie or advance to the next movie in the playlist.

You may use the left and right directional buttons to avance or rewind in a movie. Press the button again to increase how fast the track advances or rewinds (x2/x4/x8/x16).

Press **BACK** or **Stop ('Size')** to return to the folder navigation list and preview screen.

Leaving multimedia storage display

Simply stop playback and press **Source** to select a different source type.
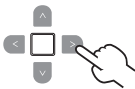
Do not remove the USB storage device while a media file is playing. Stop playback and switch to a different source before removing the device from the USB port.

Channel controls

Channel list

Channel list allows you to quickly find the TV channel you are searching for.
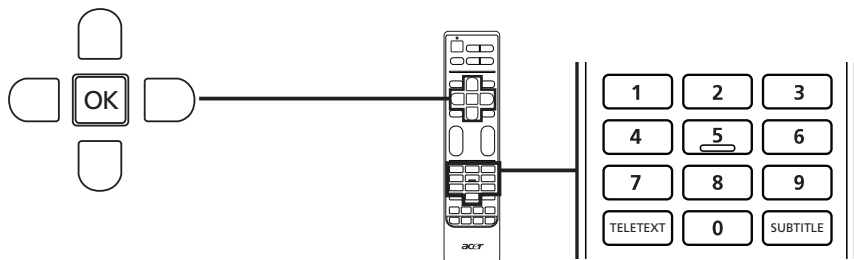
To open the channel list feature:		
1		Press the **OK** key on the remote control. This will bring up the channel list menu.
2	Channel List DTV 20 TV2000 DTV 23 Rai Gulp DTV 38 RAI Sport più DTV 41 Rai Storia DTV 42 RaiNotizie24 DTV 501 Rai Test HD DTV 850 OTA Auriga DTV 851 OTA Sagem Radio 852 RADIOUNO Radio 853 RADIODUE Move BACK Exit OK Select Fav Fav.	The current channel will be highlighted.
3		Use the **directional keys** to navigate the list and select the channel you wish to watch.

Favourite channel list

The favourite channel list allows you to store your favourite TV channels and flick between them at the touch of a button.

To set a favourite channel, follow the steps described on this page.

Storing favourite channels		
1	OK	Press the **OK** key on the remote control. This will bring up the channel list menu.
2	Channel List 20 TV2000 23 Rai Gulp 38 RAI Sport più 41 Rai Storia 42 RaiNotizie24 501 Rai Test HD 850 OTA Auriga 851 OTA Sagem 852 RADIOUNO 853 RADIODUE Move Exit Select Fav.	The current channel will be highlighted and press the **FAV** key to store it as favourite channel.
3	Back	Press the **BACK** key on the remote control to exit.
Viewing your favourite channels		
	FAV	On the remote control, if you press the **FAV key**, the monitor will display a list of favourite TV channels. Use the up or down directional keys to select a channel, and then press **OK**.

Programme information

Press the DISPLAY key to see information about the current programme (if available).

Press the right directional arrow to see information about the next scheduled programme.

a — L'enigma polacco   22:09
b — Wed, Jan 13 2010   21:00 ████ 22:59   Next
c — Italiano   Italiano   576i
d
e — Dixit - L Enigma polacco. Dalla nascita di Solidarnosc alla tavola rotonda del 1989.
    A seguire L Ultimo Re, il pontificato di Papa Giovanni Paolo II.
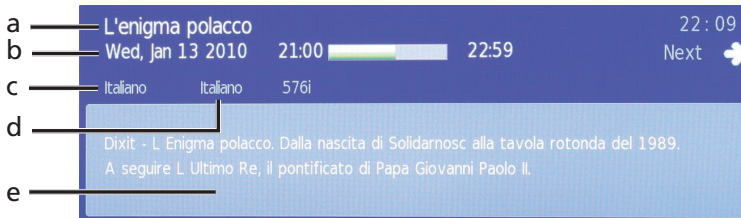
a. Programme title

b. Programme schedule

c. Subtitle

If 'Subtitle' is displayed press the **SUBTITLE** key to see a list of available subtitles.

d. Audio language

e. Programme summary

Electronic programme guide

The electronic programme guide (EPG) is an onscreen service available on digital and cable TV that provides information about scheduled broadcast programmes on all digital channels by time, title and channel.
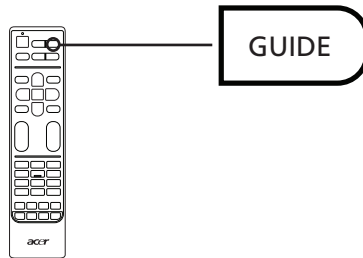
GUIDE

Guide screen

There are four main areas of the EPG screen:

a

b

c

d

EVENT   DTV   41 Rai Storia
     13 Jan 2010 22:08   L'enigma polacco
Today   09:00 PM   L'enigma polacco   21:00 - 22:59
Today   11:00 PM   Primavera 1960; al sol.. TV RATING
                                                 Dixit - L Enigma polacco. Dalla nascita di
                                                 Solidarnosc alla tavola rotonda del 1989. A
                                                 seguire L Ultimo Re, il pontificato di Papa
                                                 Giovanni Paolo II.

< 38   42 >

a. Information bar

The top of the screen shows the type of signal being viewed and the current time; with the channel number, channel title and selected program name on the right.

b. Programme guide

The section on the left shows the programme guide, with the start time and title. Use the up and down directional keys to select different programmes.

c. Programme information

The section on the right shows information about the selected programme: the start and finish times, any age rating and a summary.

d. Channel navigation

Use the left or right directional keys to switch to the previous or next channel. The bar across the bottom shows which channel will be shown.

Navigating the EPG (for Digital TV mode)
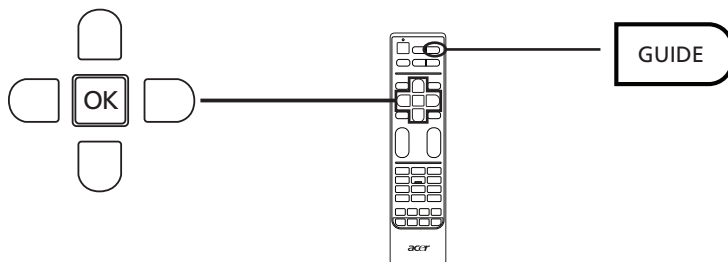
GUIDE

1		Press the **GUIDE** key on the remote control.
2		Use the **directional keys** to navigate around the EPG menu and press **OK** to select your highlighted option.

OSD navigation

Many of the advanced settings and adjustments are available through using the OSD (onscreen display) menus, as shown in the example screenshot below.

Basic operations required to navigate these menus (Picture, Audio, Channel management, Settings and Advanced) are described in this section.

Navigating the OSD with the remote control

Picture

Scenario Mode	◄ Standard ►
Brightness	50
Contrast	50
Colour	70
Sharpness	50
Hue	0
Colour Temperature	►
Reset Picture	►

Move   OK Enter   BACK Previous   MENU Exit
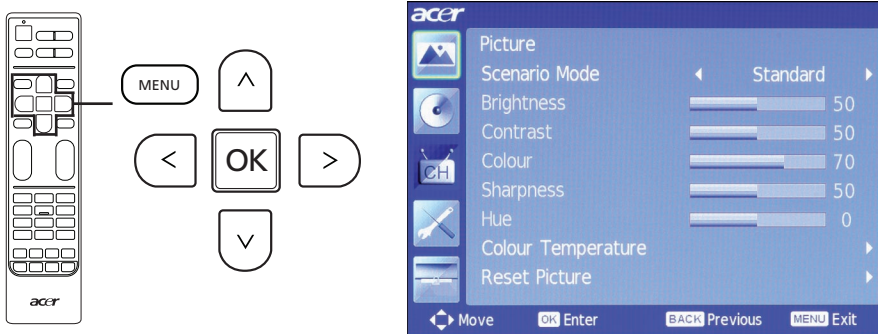
You can also interact with these menus using the right panel controls. Please see "Front panel view" on page 5 for details.

There are five main OSD menus. These are: Picture, Audio, Channel management, Settings and Advanced. Use the following method to navigate these menus.

1	MENU	Press the **MENU** button on the remote control or the **MENU** button on the control panel.
2		Select your desired menu by using the up and down **directional keys** to switch between the five menus. Press **OK** or the right directional key to enter a menu. Press **BACK** or the left directional key to return to the menus.
3		Use the **directional keys** to interact with the menu. The up / down directions will scroll through the menu options, while left/right will adjust the different settings (for example, in the Picture menu, settings such as brightness, contrast, etc.). Press **MENU** to exit.

Adjusting the OSD settings

The OSD can be used for adjusting the settings of your monitor.

Press the **MENU** key to open the OSD. You can use the OSD to adjust the picture quality, audio settings, channel settings and general settings. For advanced settings, please refer to following page:

Adjusting picture quality	
	1 Press the **MENU** key to bring up the OSD. 2 Using the directional keys, select **Picture** from the OSD. Then navigate to the picture element you wish to adjust. 3 Use the left or right keys to adjust the sliding scales or select one of the preset scenario modes. Press **MENU** to save and exit. 4 The **Picture** menu can be used to adjust the current **Scenario Mode**, **Brightness**, **Contrast**, **Hue**, **Colour**, **Sharpness** and other image-related qualities.
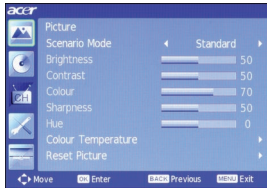
Adjusting audio settings	
	1 Press the **MENU** key to bring up the OSD. 2 Using the directional keys, select **Audio** from the onscreen display. Then navigate to the feature you wish to adjust. 3 Use the left or right keys to adjust the sliding scales or select one of the preset scenario modes. Press **MENU** to save and exit. 4 The **Audio** menu can also be used to adjust the the current **Scenario Mode**, **Treble**, **Bass**, **Balance**, **Steady Sound**, **Sound Effects** and other important sound-related settings.
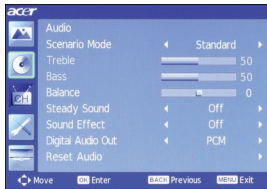
Adjusting channel management	
	1 Press the **MENU** key to bring up the OSD. 2 Using the directional keys, select **Channel Management** from the OSD. 3 Use the directional keys to navigate the menus. 4 The **Channel management** menu can be used to adjust **Auto scan**, **Time Zone**, **Manual Scan**, **Channel Edit** and other important channel-related settings.

Adjusting settings
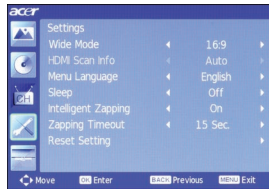
1 Press the **MENU** key to bring up the OSD.

2 Using the directional keys, select **Settings** from the OSD. Then navigate to the feature you wish to adjust.

3 The **Settings** menu can be used to adjust the screen **Wide Mode**, **Menu Language**, **Sleep**, **Intelligent Zapping** and other important settings.

Adjusting advanced settings
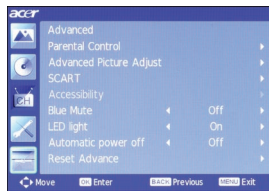
1 Press the **MENU** key to bring up the OSD.

2 Using the directional keys, select **Advanced** from the OSD. Then navigate to the feature you wish to adjust.

3 The **Advanced** menu can be used to adjust the **Parental Control**, **Advanced Picture Adjust**, **SCART**, **LED Light** and other important settings.

The options available on the OSD may vary depending on the signal source and model. Some digital options may not be available with an analog signal and vice versa.

OSD menus

Picture settings

Open the Picture menu as described in the **OSD navigation** section. This menu provides the following settings:

Scenario mode

Scenario mode provides preset viewing modes designed to give you the best picture quality when watching a particular kind of programme. These provide preset values for brightness, contrast, hue colour and sharpness. There are pre-defined audio and video settings for optimal enjoyment of the following scenarios: Standard, Movie, Game, Sport, Concert, User.

Mode	Information
Standard	Standard mode allows you to watch your favourite channels with sharp, brilliant imagery via adaptive brightness and contrast adjustments, and listen to clear-sounding audio.
Movie	For comfortably enjoying movies at home, Movie mode displays dim scenes in clear detail; compensates for colour; and smoothly presents motion images. This is accomplished through optimal Gamma correction plus saturation, brightness and contrast adjustments. Movie mode makes the most of high-definition movie soundtracks.
Sport	Sport mode is suited for outdoor sports programmes, with accurate background depth and clear gradation between the bright, outdoor playing field and darker auditoriums. Sports mode also brilliantly enhances colours and presents swiftly moving pictures without residual images. All of this is achieved via specific Gamma corrections and saturation adjustments. Precise audio can be heard.
Concert	Concert mode places you in a virtual concert hall, opera house or other dim environment by means of adaptive brightness and contrast adjustments. Concert mode accentuates symphonic harmonies and the tenor audio range.
Game	Game mode carefully details the exquisite graphics of modern video games, providing lifelike entertainment while protecting your eyesight by adjusting brightness and contrast. What's more, Game mode provides a heightened audio experience.
User	User mode allows you to save your favourite video and audio settings.

Contrast

Change the contrast of the image.

Brightness

Change the brightness of the image.

Colour

Change the colour depth of the image.

Sharpness

Change the sharpness of the image.

Hue

Change the hue of the image.

Colour temperature

This setting adjusts the colour temperature of the image. You can set it to **Standard**, **Cold**, **User** or **Warm** depending on your preference. With the User setting, you may change the colour values individually.

Reset picture

Return all picture settings to default values, removing any changes.

Audio settings

Open the Audio menu as described in the **OSD navigation** section. This menu provides the following settings:

Scenario mode

Scenario mode provides preset audio modes designed to give you the best sound quality when listening to a particular kind of programme. These provide preset values for treble and bass. There are pre-defined audio and video settings for optimal enjoyment of the following scenarios: Standard, Movie, Game, Sport, Concert, User.

Mode	Information
Standard	Standard mode allows you to watch your favourite channels with sharp, brilliant imagery via adaptive brightness and contrast adjustments, and listen to clear-sounding audio.
Movie	For comfortably enjoying movies at home, Movie mode displays dim scenes in clear detail; compensates for colour; and smoothly presents motion images. This is accomplished through optimal Gamma correction plus saturation, brightness and contrast adjustments. Movie mode makes the most of high-definition movie soundtracks.
Sport	Sport mode is suited for outdoor sports programmes, with accurate background depth and clear gradation between the bright, outdoor playing field and darker auditoriums. Sports mode also brilliantly enhances colours and presents swiftly moving pictures without residual images. All of this is achieved via specific Gamma corrections and saturation adjustments. Precise audio can be heard.
Concert	Concert mode places you in a virtual concert hall, opera house or other dim environment by means of adaptive brightness and contrast adjustments. Concert mode accentuates symphonic harmonies and the tenor audio range.
Game	Game mode carefully details the exquisite graphics of modern video games, providing lifelike entertainment while protecting your eyesight by adjusting brightness and contrast. What's more, Game mode provides a heightened audio experience.
User	User mode allows you to save your favourite video and audio settings.

Treble

Boost or reduce high audio tones.

Bass

Boost or reduce low audio tones.

Balance

Change the balance between the left and right speakers.

Steady sound

This function prevents sudden changes in the audio output level. If this function is **On**, volume levels will be consistent when switching between input sources and changing channels.

Sound effects

Turn Sound Effects on to add virtual surround sound. If Sound Effects are on, Treble and Bass settings are not available.

Digital Audio Out

This allows you to set the type of Digital audio signal that is used.

Reset audio

Return all audio settings to default values, removing any changes.

Channel management

Open the Channel Management menu as described in the **OSD navigation** section. This menu provides the following settings:

Auto scan

Auto scan allows you to scan for new or deleted channels. If you completed the setup wizard the first time you turned on your monitor, all available channels are listed.

To scan again, select the **Auto Scan** setting, and then your country from the Country List. Use the directional keys to select **Start** and press the **OK** key.

Wait until the scan has finished; this will take several minutes.

Time zone

If there are multiple time zones in the country selection, set your local time zone here. In countries with only one time zone this will be set automatically.

Manual scan

Digital manual scan

You can manually add a digital channel by searching in specific UHF channels. Use the left or right directional keys to change the channel being scanned.

Analog manual scan

You can manually add an analog channel by adjusting the settings here. Use the up or down directional kays to select a setting to change, use the left or right directional keys to change the setting. You may set: the analog channel where the signal will be stored, the encoding system, which direction to search through analog frequencies, fine tune to a specific frequency and if this channel will be skipped in the channel list.

Use the left or right directional keys to change the channel being scanned.

Channel edit

You can edit the detected channels, to change how they are displayed in the channel list. Use the up or down directional keys to select a channel, you may then use the coloured keys to perform different actions:

* **Delete (red):** You can remove a channel from the **Channel List**. Press the red key once to mark a channel for deletion, then press the red key again. Finally select **Yes** and press the **OK** key to remove the channel. Press the **BACK** or **MENU** key to cancel.

* **Rename (green):** You can rename an analog channel (not digital channel as the names are assigned by the broadcaster). Press the green key, then use the left or right directional keys to select the character to change, then use the up or down directional keys to change the letter. Names are limited to 5 characters. Press the green key to confirm or **Menu** to cancel.

* **Move (yellow):** Press the yellow key, then use the up or down directional keys to move the channel up or down through the channel list. Press **OK** to confirm or **Menu** to cancel.

* **Skip (blue):** Press the blue key to select channels you want to skip. These channels will automatically be skipped when the **OK** key is used to select channels later on. However, you can still manually select these channels.

Preferred MPX

If you are viewing an analog channel that supports multiple sound signals (e.g. NICAM, Bilingual), you may set which signal is used.

Preferred subtitle language

If multiple subtitles are available, the TV will display the language selected in this option, if it is available.

When watching TV, press the SUBTITLE key to see a list of available subtitles.

CI information

This setting shows information about the CI interface, if a CI card is being used.

Settings

Open the Settings menu as described in the **OSD navigation** section. This menu provides the following settings:

Wide mode

Press to toggle scaling mode between 4:3, 16:9 and different Letterbox modes (1, 2, 3). Wide Detect is also available when viewing SD content over digital TV, HDMI and SCART signals.

HDMI scan info

Use this setting to adjust the size of the image if you are using a HDMI connection.

Menu language

Set the language displayed for the OSD menus.

Sleep

You can set a time delay, after which the monitor will turn off. The delay can be 15, 30, 45, 60, 90 or 120 minutes.

Intelligent zapping

If Intelligent Zapping is on, then channels viewed for a short period will not be added to the zapping memory.

Zapping timeout

If Intelligent Zapping is active, this sets the delay before a channel is added to the zapping memory.

Reset settings

Return all settings to default values, removing any changes.

Advanced

Open the Advanced menu as described in the **OSD navigation** section. This menu provides the following settings:

Parental control

Parental control is a handy feature that can block chosen sources.

Parental control allows you to enter a password and effectively stop anyone without the password from watching TV. Three options are available: Channel Block, Age Rating and Change Password.
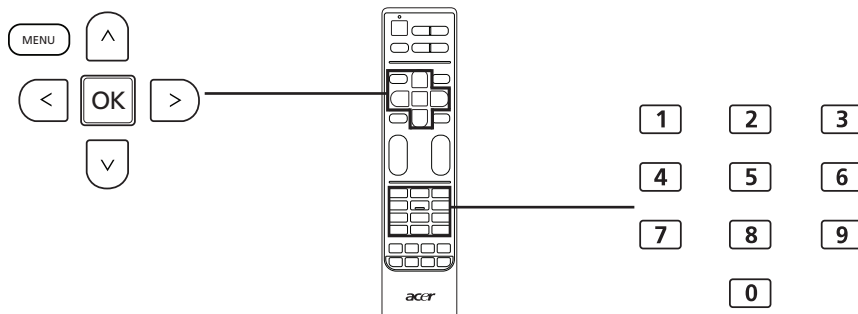
Navigate to the Parental Contol setting and press **OK**. Enter your Password (see below), then select one of the three options.

Channel block

Press OK to see the list of channels. Use the up and down directional keys to select the channel to block and then press the green key. A padlock symbol is displayed next to blocked channels. Press the green key again to unblock a channel.

When viewing channels, if a blocked channel is selected the TV will ask for your password. Enter your password to view the channel.

Age rating (for digital TV)

Most digital TV allows you to block content according to rating systems. The rating system used is dependent on region, and is only available on digital channels. Analog channels will not be blocked with this option.

The settings cover from 4 to 18 years of age. When you lock a category, the categories for that age and younger will be blocked.

Change password

You can change the default password to a 4-digit code of your choice. If you are using the parental controls, then we recommend you change the password periodically.

> The default password for this monitor is "0000." First enter "0000" when you want to change the password. If you forget your password, please enter 6163 to reset.

Advanced picture adjust

Select this option to adjust noise reduction settings, the backlight brightness, or activate ACM (Adaptive Contrast Management) to automatically vary the brightness depending on the image on the screen.

SCART

A SCART connection can send AV, S-video, or both signals. Use this setting to select the correct signal, or the signal that provides the best quality.

Accessibility

Subtitle type

You can choose between normal subtitles and subtitles for the hearing impaired, when these are available.

Audio type

If audio for visually impaired audiences is available, it may be activated with this option.

Visual impaired

This slider controls the volume of the Visually impaired audio.

Blue Mute

If blue mute is on and the television receives no signal, a blue screen is displayed.

LED light

You can turn off the standby power light here.

Automatic power off

If Automatic Power Off is active, if the monitor on for four hours without any channel changes or other activity, it will turn off. A warning message is displayed one minute before the monitor turns off.

Reset advanced

Return all advanced settings to default values, removing any changes.

Troubleshooting

Before you call the Acer service center, please check the following items:

Here is a list of possible situations that may arise during the use of your monitor. Easy answers and solutions are provided for each.

There is no picture or sound

• Make sure the power cord is properly inserted in the power outlet.

• Make sure the input mode is correctly set by your selected input.

• Make sure the antenna at the rear of the monitor is properly connected.

• Make sure the main power switch is turned on.

• Make sure the volume is not set to minimum or the sound is not set to mute.

• Make sure the headphones are not connected.

• Reception other than those of broadcasting stations can be considered.

Picture is not clear

• Make sure the antenna cable is properly connected.

• Consider whether your signal is being properly received.

• Poor picture quality can occur due to a VHS camera, camcorder, or other peripheral being connected at the same time. Switch off one of the other peripherals.

• The 'ghost' or double image may be caused by obstruction to the antenna due to high-rise buildings or hills. Using a highly directional antenna may improve the picture quality.

• The horizontal dotted lines shown on the pictures may be caused by electrical interference, e.g., hair dryer, nearby neon lights, etc. Turn off or remove these.

Picture is too dark, too light or tinted

• Check the colour adjustment.

• Check the brightness setting.

• Check the sharpness function.

• The fluorescent lamp may have reached the end of its service life.

Remote control does not work

• Check the batteries of the remote control.

• Make sure the remote sensor window is not under strong fluorescent lighting.

• Try to clean the remote control sensor lens on the monitor with a soft cloth.

• Use the buttons (hotkeys) on the monitor before the remote control works.

If the above suggestions do not solve your technical issue, please refer to the warranty card for service information.

PC Input Signal Reference Chart

	Resolution	Horizontal Freq. (kHz)	Vertical Freq. (Hz)	Standard
1	640 x 480	31.5	60.0	VGA
2	640 x 480	37.9	72.8	VGA
3	640 x 480	37.5	75.0	VGA
4	640 x 480	35.0	66.7	MAC
5	720 x 400	31.5	70.1	VESA
6	800 x 600	35.2	56.3	SVGA
7	800 x 600	37.9	60.3	SVGA
8	800 x 600	48.1	72.2	SGVA
9	800 x 600	46.9	75.0	SVGA
10	832 x 624	49.7	74.6	MAC
11	1024 x 768	48.4	60.0	XGA
12	1024 x 768	56.5	70.1	XGA
13	1024 x 768	60.0	75.0	XGA
14	1280 x 720	45.0	59.9	VESA
15	1152 x 864	67.5	75.0	VESA
16	1280 x 800	49.7	59.8	WXGA
17	1600 x 900	56.0	60.0	WXGA
18	1600 x 900	70.5	74.9	WXGA

M230D/M230M only:

	Resolution	Horizontal Freq. (kHz)	Vertical Freq. (Hz)	Standard
19	1280 x 1024	64.0	60.0	SXGA
20	1400 x 1050	65.3	60.0	SXGA+
21	1680 x 1050	65.3	60.0	WSXGA+
22	1920 x 1080	67.5	60.0	-
23	1920 x 1080	66.6	60.0	-

PC input does not support Sync on Green, Composite Sync or interlaced signals.

Product specifications

Model	M200D	M200M	M230D	M230M
Panel spec				
Resolution (pixels)	1600 x 900		1920 x 1080	
Brightness (typ.)	250 nit		250 nit	
Contrast Ratio (typ.)	1000 : 1		1000 : 1	
Dynamic Contrast Ratio (max.)	1000000 : 1			
Display colour	16.7 M			
Viewing angle (typ.)	H: 160° ; V:160°			
Response (typ.)	5 ms (Gray to Gray)			
Power supply				
Input	100 to 240 V AC (50~60 Hz)			
Max. power consumption	65 W			
Power saving	<1 W			
Mechanical				
Dimensions (W x H x D mm)	480 x 370.3 x 169		553 x 409.5 x 185	
Weight (kg)	3.7		4.35	
Weight (lbs.)	8.14		9.57	
Gross weight (Kg)	4.9		6.0	
Gross weight (lbs)	10.8		13.2	
Wall-mounting holes	VESA, 75 mm x 75 mm			
Analog TV system				
Colour system	PAL, SECAM			
Sound system	B/G/D/K/I/L			
Stereo system	NICAM/A2			
Subtitle	Teletext 1.5 (1000 pages)			
Digital TV system				
Digital TV standard	DVB-T SD (MPEG)	DVB-T HD (H.264)	DVB-T SD (MPEG)	DVB-T HD (H.264)
Sound system	ISO11172-3 layer1 & layer2 32KHz, 44.1KHz, 48KHz			
Stereo system	PCM / MPEG (Layer I & II) Stereo 32 / 44.1 / 48KHz	PCM/ MPEG (Layer I & II), HE-AAC	PCM / MPEG (Layer I & II) Stereo 32 / 44.1 / 48KHz	PCM/ MPEG (Layer I & II), HE-AAC
Frequency	7/8 MHz			

| Terminal	
Analog/ Digital Tuner In	Hybird
SCART	CVBS (In/Out), RGB (In), Audio R/L
Component in	YPbPr, Audio (R/L)
AV-in	CVBS, S Video, Audio (R/L)
HDMI 1	Yes (HDMI 1.3)
HDMI 2	Yes (HDMI 1.3)
PC D-sub in	Yes
PC audio in	Yes
SPDIF out	Yes (Coxial)
Headphone out	Yes
USB Port	Yes
Resolution	
HDMI	480i/480P/576i/576P/720P/1080i/1080P
Audio system	
Speakers	5 W + 5 W
Mutimedia support via USB	
Photo	JPG, BMP, PNG
Audio	MP3, AAC
Video	MPEG-2, H.264

Wall mount preparation / removing the base

Caution: Disassemble the base carefully otherwise the plastic parts and/or monitor body may be damaged.
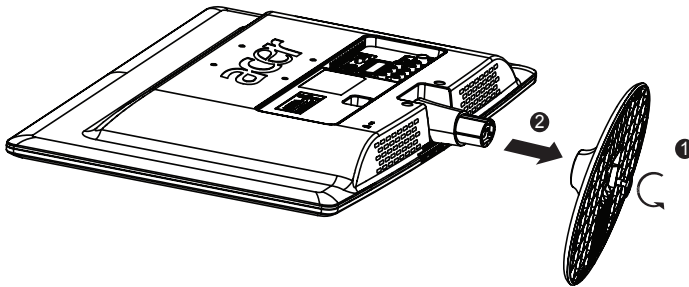
1) Remove the base.
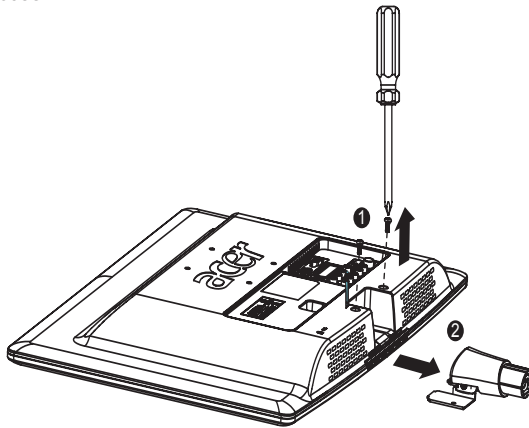
2) Remove the screws from inside the stand.

3) Assemble the wall mount following the instructions included with the wall mount.