REMOTE CONTROL Code for EIP-3500

2005/11/27
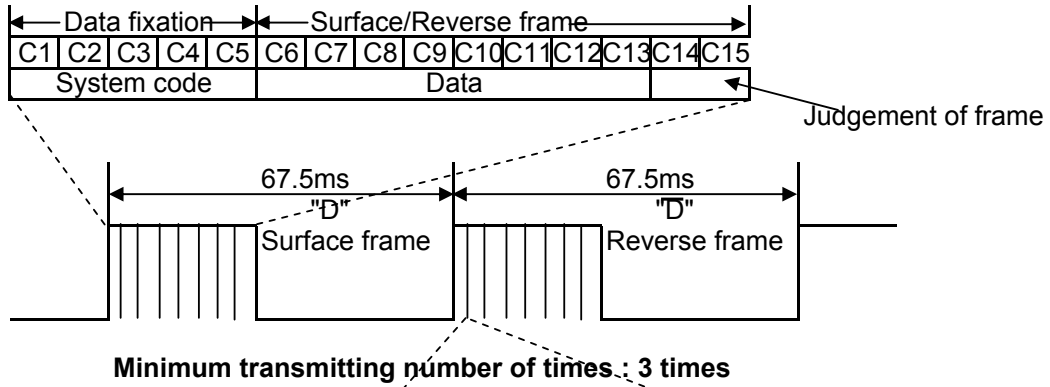
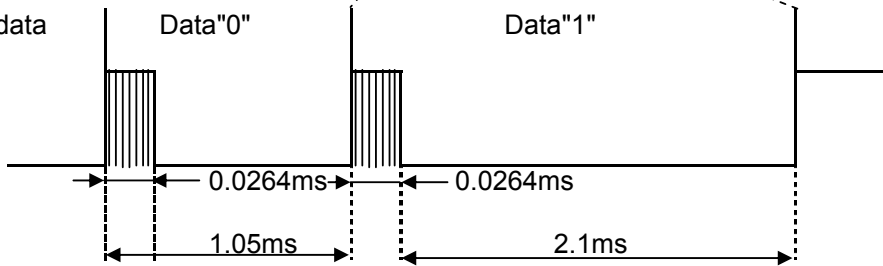	No.	Key Description	Binary														HEX				
		System Code					Data Code								Judgement of frame		System Code		Data Code		Judgement of frame
		C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15					
1	On-Standby	1	0	1	1	0	0	1	1	0	1	0	0	0	1	0	0	D	1	6	1
2	Zoom (+)	1	0	1	1	0	0	0	0	1	0	1	0	1	1	0	0	D	A	8	1
3	Focus (+)	1	0	1	1	0	0	0	1	0	0	1	1	1	1	0	0	D	E	4	1
4	Auto Focus	1	0	1	1	0	1	0	1	1	1	0	1	1	1	0	0	D	D	D	1
5	Zoom (-)	1	0	1	1	0	1	0	0	1	0	1	0	1	1	0	0	D	A	9	1
6	Focus (-)	1	0	1	1	0	1	0	1	0	0	1	1	1	1	0	0	D	E	5	1
7	Iris	1	0	1	1	0	0	1	0	1	0	1	0	1	1	0	0	D	A	A	1
8	Keystone	1	0	1	1	0	1	1	0	1	0	0	0	1	1	0	0	D	8	A	1
9	Menu	1	0	1	1	0	0	0	1	0	0	0	1	1	1	0	0	D	C	4	1
10	Enlarge (+)	1	0	1	1	0	1	0	1	1	0	1	1	0	1	0	0	D	6	D	1
11	Freeze	1	0	1	1	0	1	0	1	1	0	0	0	1	1	0	0	D	8	D	1
12	Vol (+)	1	0	1	1	0	0	0	1	0	1	0	0	0	1	0	0	D	1	4	1
13	Enlarge (-)	1	0	1	1	0	1	0	1	1	0	1	0	1	1	0	0	D	A	D	1
14	AV Mute	1	0	1	1	0	1	0	0	1	0	1	1	0	1	0	0	D	6	9	1
15	Vol (-)	1	0	1	1	0	1	0	1	0	1	0	0	0	1	0	0	D	1	5	1
16	RGB1 (Input1)	1	0	1	1	0	1	0	1	0	1	1	0	0	1	0	0	D	3	5	1
17	RGB2 (Input2)	1	0	1	1	0	0	1	1	0	1	1	0	0	1	0	0	D	3	6	1
18	Picture Mode	1	0	1	1	0	1	0	0	1	1	1	0	0	1	0	0	D	3	9	1
19	Video1 (Input3)	1	0	1	1	0	0	1	0	0	1	1	0	0	1	0	0	D	3	2	1
20	Video2 (Input4)	1	0	1	1	0	1	1	0	0	1	1	0	0	1	0	0	D	3	3	1
21	Auto Sync	1	0	1	1	0	0	1	0	1	1	1	1	1	1	0	0	D	F	A	1
22	Resize	1	0	1	1	0	0	1	1	1	1	0	1	0	1	0	0	D	5	E	1

remote controller relevant document

1. format of Sharp's 15 bit for remote controller
   Remote controler outputs the party of surface and reverse of 15 bit as one frame.

1-1. frame cycle

Data fixation					Surface/Reverse frame									
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15
System code					Data									

Judgement of frame

67.5ms
"D"
Surface frame

67.5ms
"D"
Reverse frame

Minimum transmitting number of times : 3 times

1-2. data

Data"0"   Data"1"

0.0264ms   0.0264ms

1.05ms   2.1ms

1-3. carrier

Carrier frequency : 38kHz (455kHz/12)
Duty ratio : 1:1

13.2μs
26.4μs