


RS-232 Remote Control Protocol

* The connection between the switcher and remote controller with **RS-232 modem cable**.

Pins definition of modem cable

YPbPrSW-4P			Remote Controller	
PIN	Definition		PIN	Definition
1	NC		1	NC
2	T xD		2	R xD
3	R x D		3	T x D
4	NC		4	NC
5	GND		5	GND
6	NC		6	NC
7	NC		7	NC
8	NC		8	NC
9	NC		9	NC

* RS-232 transmission format:

Baud Rate : 9600 bps

Data Bit : 8 Bits

Parity: None

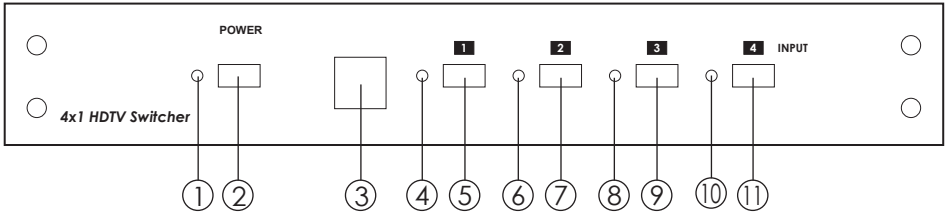
Stop Bit: 1 bit

* Command :

Command Code	Comment
"I" + "1"	PORT 1 ON
"I" + "2"	PORT 2 ON
"I" + "3"	PORT 3 ON
"I" + "4"	PORT 4 ON
"P" + "1"	POWER ON
"P" + "0"	POWER OFF

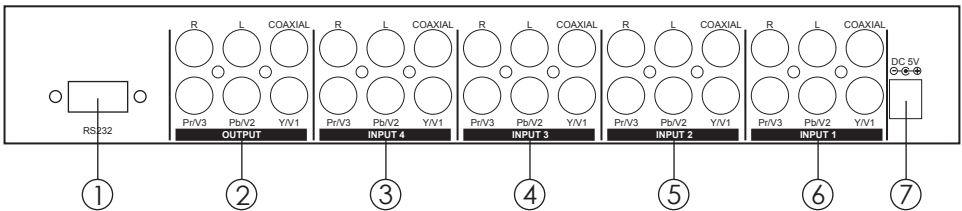
Operation controls and functions

Front Panel



1. Power indicator LED.
2. Power: Press POWER button to turn on the unit for working.
3. IR sensor: Infrared remote control sensor.
4. Input 1 indicator LED.
5. Input 1: Press this button, then LED lights up, source 1 is selected.
6. Input 2 indicator LED.
7. Input 2: Press this button, then LED lights up, source 2 is selected.
8. Input 3 indicator LED.
9. Input 3: Press this button, then LED lights up, source 3 is selected.
10. Input 4 indicator LED.
11. Input 4: Press this button, then LED lights up, source 4 is selected.

Rear Panel

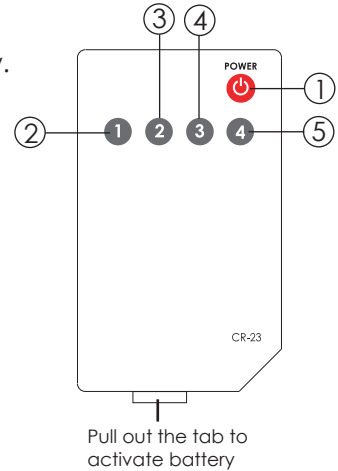


1. RS232: 9-pin D-sub female connector for connecting to your other control console for remote control.
2. YUV/Composite output: Use a 3 RCA to 3 RCA cable to connect to your display.
3. YUV/Composite Input 4 : Use a 3 RCA to 3 RCA cable to connect to your source 4.
4. YUV/Composite Input 3 : Use a 3 RCA to 3 RCA cable to connect to your source 3.
5. YUV/Composite Input 2 : Use a 3 RCA to 3 RCA cable to connect to your source 2.
6. YUV/Composite Input 1 : Use a 3 RCA to 3 RCA cable to connect to your source 1.
7. DC power jack: 5V 1A power input, center +.

Remote Control

1. Power: Switch between power ON and Standby.
2. Press button 1 to select source 1.
3. Press button 2 to select source 2.
4. Press button 3 to select source 3.
5. Press button 4 to select source 4.

Note: Replacement battery can be found at a local electronic retail store.



Specifications:

- Input:

- YUV (YPbPr) x 4 via 3 RCA connectors 1 Vp-p @ 75 ohm
- Composite Video x 4 via RCA connectors 1 Vp-p @ 75 ohm
- S/PDIF (Digital format) x 4 via coaxial connectors, 0.5~1 Vp-p@75 ohm load.
- Stereo L/R (Analog format) x 4 via 2 RCA connectors

- Output:

- YUV (YPbPr) x 1 via 3 RCA connectors 1 Vp-p @ 75 ohm
- Composite Video x 1 via RCA connectors 1 Vp-p @ 75 ohm
- S/PDIF (Digital format) x 1 via coaxial connector, 0.5~1 Vp-p@75 ohm load.
- Stereo L/R (Analog format) x 1 via 2 RCA connectors
- Bandwidth: 650MHz (-3dB)
- RS-232 interface control via DB-9 female connector
- Infrared remote control sensor via remote control unit.
- Differential gain: 0.05%
- Differential phase: 0.05% degree
- Power consumption: 5W(max.)
- Dimensions: 292(W) x 176(D) x 47.5(H)mm
- Unit weights: 1.5Kgs

