4x1
Video/S-Video Switcher

CVSD-41ARN

Application:

CVSD-41ARN CV/SV switcher is designed for switching between
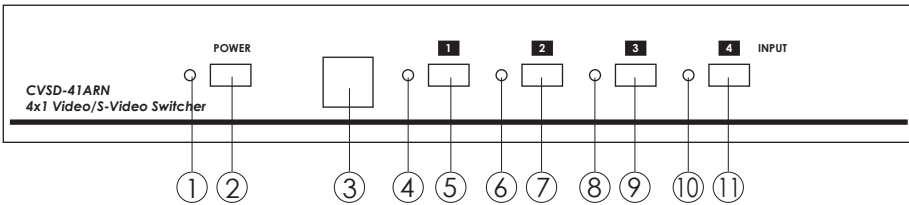video & S-video sources. Such as VCR,DVD player... to share one TV display.

Features:

- LED indicators.
- IR remote control
- Supports standard video sources: 480i, 576i.
- Plug and play, easy to install and operate.
- CVSD-41ARN can be controlled either through input selection button on
   the front panel or using included infrared remote control.
- RS-232 interface allows control from a distant device.
- Ideal for presentation and large shop integration.
- Support audio format: L/R (analog) or PC AMP speaker system (option)
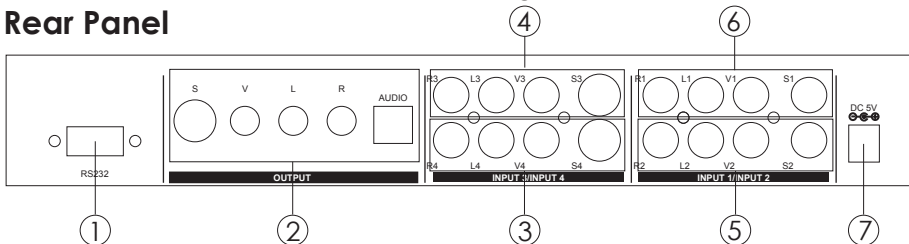
Package includes:

- CVSD-41ARN unit
- IR remote control
- 5VDC power supply
- A battery
- Manual
- One set of 1 RCA-1 RCA video cable
- One set of S-video cable
- One set of 2 RCA-2 RCA audio cable

Front Panel

1. Power indicator LED.
2. Power ON/OFF switch: Push the button to turn ON/OFF the power.
3. IR sensor: Infrared remote control sensor.
4. Input 1 indicator LED .
5. Input 1 switch: Push the button, LED lights up, source 1 is selected.
6. Input 2 indicator LED.
7. Input 2 switch: Push the button, LED lights up, source 2 is selected.
8. Input 3 indicator LED .
9. Input 3 switch: Push the button, LED lights up, source 3 is selected.
10. Input 4 indicator LED.
11. Input 4 switch: Push the button, LED lights up, source 4 is selected.
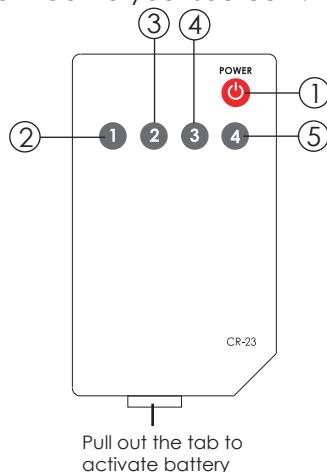
Rear Panel

1. RS-232: 9-pin D-sub female connector for connecting to your other control console for remote control.
2. CV/SV+Audio output: Use a CV/SV cable to connect to your display.
   Use a 1 RCA to 1 RCA video cable to your display.
   Use a 2 RCA to 2 RCA audio cable to your display.
   (Option) connects to your PC AMP speaker system.

3. CV/SV + Audio input 4: Use a CV/SV cable to connect to your source 4.
4. CV/SV + Audio input 3: Use a CV/SV cable to connect to your source 3.
5. CV/SV + Audio input 2: Use a CV/SV cable to connect to your source 2.
6. CV/SV + Audio input 1: Use a CV/SV cable to connect to your source 1.
7. DC power jack : 5V1A 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.

Pull out the tab to activate battery

Specifications

Input	Video:	1 Vp-p @75 ohm
	S-Video:	Y: 1 Vp-p @ 75 ohm C: 0.286 Vp-p @75 ohm
	Analog Audio: (L/R)	2Vrms max 47 k ohm
Output	Video:	1 Vp-p @75 ohm
	S-Video:	Y: 1 Vp-p @ 75 ohm C: 0.286 Vp-p @75 ohm
	Analog Audio: (L/R)	2Vrms max 47 k ohm
PC /YPbPr Bandwidth	650 MHz (-3db)	
Differential gain	0.05%	
Differential phase	0.05 degree	
Power consumption	1 Watts (max.)	
Power	5V 1A AC adaptor	
Dimensions	175(W)x 292(D) x 45(H)mm	
Unit gross	1.5Kgs	

CVSD-41ARN RS-232 Remote Control Protocol

* The connection between CVSD-41ARN and remote controller with **RS-232 modem cable.**
  Pins definition of modem cable

CVSD-41ARN			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 :

Connection and Installation

Comment
PORT 1 ON
PORT 2 ON
PORT 3 ON
PORT 4 ON
POWER ON
POWER OFF

DVD   DVD

Adaptor

LCD, Plasma,
or any display
with Video/S-Video
input

20070713 MPM-CVSD41ARN