

HDMI SELECTOR

AVLINK™



(HRM-2514)



(HRM-2518)

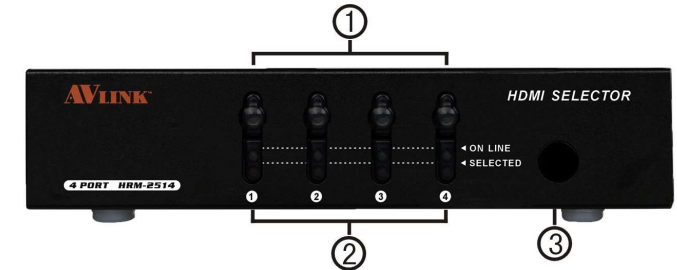
Features

- Support resolution up to 4K x 2K@60Hz (8-bit) or 1080P@60Hz (12-bit)
- HDCP2.2/HDCP1.4 Compliant
- Support HDR
- Compliant with the specification of HDMI.
- Support RS-232 control.
- Remote controller for operation.
- Hot pluggable.
- Auto skips over the power-off and unplugged cable.

Specification

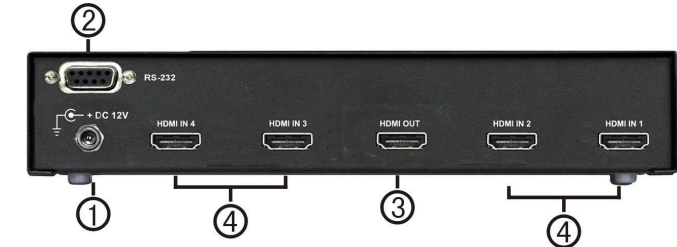
Function	HRM-2514	HRM-2518
HDMI Input Connector (A-Type Female)	4	8
HDMI Output Connector (A-Type Female)	1	
LEDs	On Line	4
	Selected	4
Select Switch	4	8
RS-232 Connector	1x DB-9 Female	
Max Pixel clocks	600MHz	
Power Adapter (Min.)	DC 12V 1.25A	DC 12V 1.25A
Housing	Metal	
Weight	600g	1210g
Dimensions (LxWxH) mm	200x75x45	342x104x45

FRONT VIEW



1. Port Selection Switches (Manual type)
Press the switch to access the selected DVD player/TV receiver.
2. Port LEDs
 - All the red LEDs flash while the power adapter is well connected.
 - Green LEDs light up while the DVD player/TV receiver has well connected and starting operation.
 - Red LEDs light up while the DVD player/TV receiver has successfully been selected.
3. IR Receiver
Take aim at IR receiver with remote controller.

Rear View



- 1 Power Supply
Plug the DC 12V power adapter.
- 2 RS232 Port Connector
Plug the RS-232 cable.(Optional)
- 3 HDMI OUT Port Connector
Plug the monitor cable.
- 4 HDMI IN Port Connectors
Plug the extension cables from HDMI port of HDMI output port of device.

USER MANUAL

HRM-2514 / HRM-2518

v1.0

Package Contents -

- 1 AVLINK HRM-2514 or HRM-2518 HDMI Selector
 - 1 user manual
 - 1 power adapter DC 12V/1.25A
 - 1 remote controller
 - 1 RS-232 1.8M cable (DB-9 Male to Female)
 - 2 rack rails, 8 screws for HRM-2518 only
- Any thing missed, please contact with your vendor.

Hardware Requirements

	Requirement specifications
HDTV	One LCD, PLASMA TV or projector with HDMI input function.
DVD player / TV Receiver	HDMI output function.
Cable	HDMI male to male Standard cable.

Installation

Before the installation, making sure the selector and monitor (projector) are turning off.

1. Making sure all equipments are turned off.
2. Plug the monitor cable into the HDMI OUT port connector.
3. Plug the extension cables from HDMI port of DVD player/TV receiver into the HDMI IN port connectors.
4. Plug the power adapter into the wall socket.
5. Connect the power adapter with the HDMI selector.
6. Turn on the monitor first.
7. All red LEDs will flash back and forth, otherwise, go back to check the step 4 and 5.
8. Turn on the DVD player/TV receiver.
9. The LEDs green light turn on while the DVD player/TV receiver have well been connected and maintaining the activation.

Operation

1. Port selection

- Press the button of “port selection switch” for accessing the wanted DVD player/TV receiver.
- The selected corresponding port will light on for the red LEDs which indicating the port is activated.

2. IR remote control

- Use “1”, “2” key to select DVD player/TV receiver that wanted DVD player/TV receiver.
- Use “◀”, “▶” key to select another DVD player/TV receiver.

3. RS-232 control

You can operate and configure the Switcher via a remote terminal session using RS-232. Follow the steps as below to log into the Switcher by means of a RS-232 session (the example as below is for Hyper Terminal):

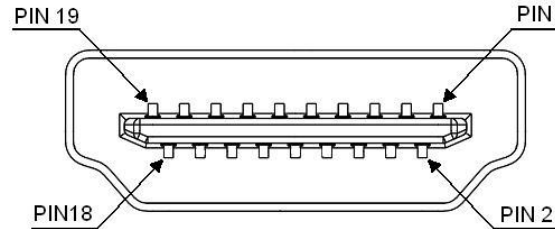
1. Connect the Switcher to your control PC with RS-232 cable.
2. Power on both Switcher and control PC.
3. Open the Hyper Terminal by clicking Start | Programs | Accessories Communications | Hyper Terminal on your control PC.
4. The New Connection – Hyper Terminal screen will appear. Input the connection name and select a representative icon. Then click OK.
5. Select the connecting port that you want to use, click OK. Default port is COM1.

6. Set the Bits per second to 9600, Data Bits to 8 (Default), Parity to None (Default), Stop bits to 1 (Default) and flow control to None from the drop-down list, click OK.

```
HRM-2514> help
-----
--                               Console Help                               --
-----
-- HRM-2514           F/W Version : 1.0.00                               --
--
-- help      : Show Help Information                                     --
-- status    : Show Global System Status                               --
--
-- HDMI Output Setup Command                                           --
-- route x   : Set Output to Input x, x = [0-4]                         --
--
-- Restore Default Command                                             --
-- default   : Restore to factory default settings                     --
-----
```

Technical Specifications

HDMI Input/Output Signal



Pin #	Signal	Pin #	Signal
1	TMDS Data 2+	11	TMDS Clock Shield
2	TMDS Data 2 Shield	12	TMDS Clock -
3	TMDS Data 2-	13	CEC
4	TMDS Data 1+	14	Reserved (N.C. on device)
5	TMDS Data 1 Shield	15	SCL
6	TMDS Data 1-	16	SDA
7	TMDS Data 0+	17	DDC/CEC Ground
8	TMDS Data 0 Shield	18	+5 Power
9	TMDS Data 0-	19	Hot Plug Detect
10	TMDS Clock+		

Supported RS232 DCE Signal

Pin #	Signal	Pin #	Signal
1	N/A	6	N/A
2	Transmit Data	7	N/A
3	Received Data	8	N/A
4	N/A	9	N/A
5	Signal Ground		

© C&C TECHNIC TAIWAN CO., LTD. All rights reserved.

Trademarks:

All the companies, brand names, and product names referred to this manual are the trademarks or registered trademarks belonging to their respective companies.