

HDMI SELECTOR COMPATIBLE



(CPT-
HDMI2214F)



(CPT-HDMI-
2218F)

USER MANUAL HDMI2214F / HDMI2218F

V1.0

Package Contents -

- ♣ 1 COMPATIBLE - CPT-HDMI2214F ./.
 - ♣ CPT-HDMI2218F HDMI Selector
 - ♣ 1 user manual
 - ♣ 1 power adapter DC 9V 600mA
 - ♣ 1 remote controller
 - ♣ 1 RS-232 1.8M cable (DB-9 Male to Female)
 - ♣ 1 RS-232 control software CD
 - ♣ 2 rack rails, 8 screws for CPT-HDMI2218F only
- Any thing missed, please contact with your vendor.

Features

- ♣ HDTV resolution up to 1080p, PC resolution up to 1600x1200 60Hz.
- ♣ Compliant with the specification of HDMI 1.2.
- ♣ Support RS-232 control.
- ♣ Remote controller for operation.
- ♣ Hot pluggable.
- ♣ Auto skips over the power-off and unplugged cable.
- ♣ 1U rack design for HDMI2218F.

Specification

| Function | | HDMI2214F | HDMI2218F |
|---------------------------------------|----------|----------------|------------|
| HDMI Input Connector (A-Type Female) | | 4 | 8 |
| HDMI Output Connector (A-Type Female) | | 1 | |
| LEDs | On Line | 4 | 8 |
| | Selected | 4 | 8 |
| Select Switch | | 4 | 8 |
| RS-232 Connector | | 1x DB-9 Female | |
| Max. Resolution | | UXGA, 1080p | |
| Power Adapter (Min.) | | DC 9V 600mA | |
| Housing | | Metal | |
| Weight | | 585 g | 1170 g |
| Dimensions (LxWxH) mm | | 200x75x45 | 342x104x45 |

Hardware Requirements

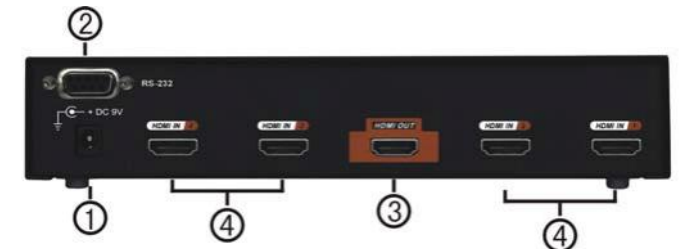
| | Requirement specifications |
|--------------------------|-----------------------------------------------------------|
| HDTV | One LCD, PLASMA TV or projector with HDMI input function. |
| DVD player / TV Receiver | HDMI output function. |
| Cable | HDMI male to male Standard cable. |

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 DC9V 600mA 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.

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.

RS-232 control software Installation

1. Install the application program DHR Matrix.msi. (Note: This program has to be run only in Windows).
2. Connect the RS-232 Cable, and the PC end is RS-232 port (COM-X) while the HDMI selector end is the RS232 port.
3. Power on the HDMI selector and run DHRM.exe. Select the COM port.
4. Use Scan funtion to open the HDMI selector.
5. Select the Video and Audio to change port.

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

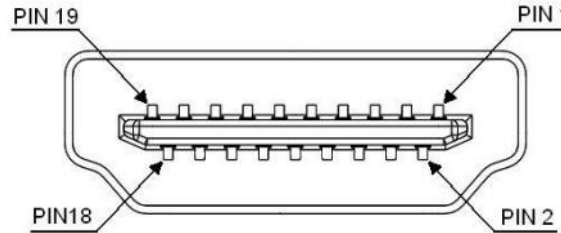
- ♣ Use “1”, “2” key to select DVD player/TV receiver that wanted DVD player/TV receiver.
- ♣ Use “◀”, “▶” key to select another DVD player/TV receiver.
- ♣ Use “⏻” key to power on/off selector.

3. RS-232 control

- ♣ Use mouse the left key to clicking DVD player/TV receiver that wanted DVD player/TV receiver.

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 | | |

© Compatible Computer Solutions B.V. . 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.

HELPDESK HOTLINE: +31- (0)35 628 14 14 or customerservice@compatible.eu