



Hybrid HD Switchbox



User Manual

Model: R2000
SKU: DM7301

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Package Contents

Please Check the contents before use

- R2000 Main unit x 1
- Remote Control x 1 (Battery not included)
- Switching Power Supply x 1
- User Manual

Key to symbols

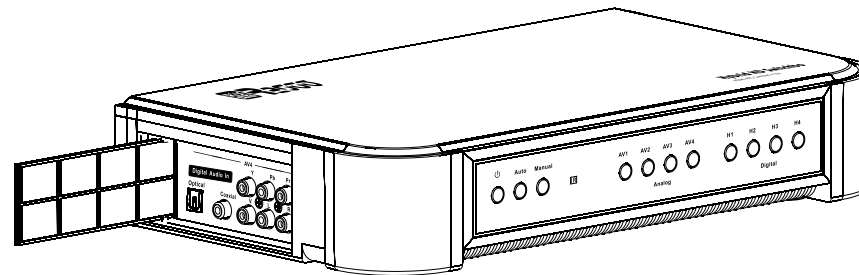


1. Supplementary notes



2. Helpful tip for operation.

Features



HDMI™ V1.3
HIGH DEFINITION MULTIMEDIA INTERFACE

R2000 Hybrid HD Switchbox

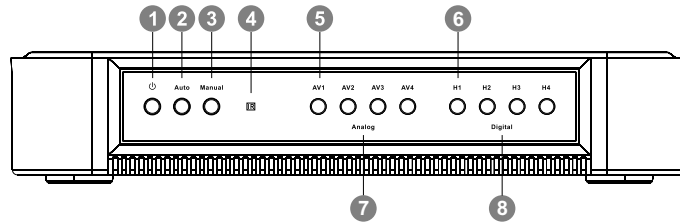
Take control of your AV equipment with the R2000 Hybrid HD Switchbox. For all your AV source equipment new and old, the R2000N accepts HDMI, component video inputs, and provides a single high quality HDMI output to your HDTV or home cinema projector. With up to 9 inputs switched automatically or using the supplied remote control, the R2000 offers connections for both standard definition and high definition TV signals with high quality video conversion of analog video to HDMI, supporting the latest HDMI V1.3 specification and up to 1080p HD resolution. The R2000 is the one-stop answer to your AV connection needs.

- Provides 4 x HDMI, 4x component, 4 x composite, 8 x coaxial, 8 x stereo inputs and 1 x HDMI, 1 x coaxial, 1 x optical, and 1 x stereo outputs.
- 5 x stereo inputs and 1 x HDMI, 1 x coaxial, 1 x optical, 1 x stereo outputs.
- Multi-color LED indicate different working function.
- Remote control function.
- Supports HDMI 1.3 and HDCP 1.2.
- Supports hot plug detect.
- Supports deep color (1080p 36Bit).
- Supports all HDTV formats (480i, 576i, 480p, 576p, 720p, 1080i, 1080p).
- Supports RGB SCART, SCART composite to HDMI output (480i, 576i).
Converts interlace or progressive component to HDMI output (480i, 576i, 480p, 576p, 720p, 1080i).

Nomenclature

R2000 Main Unit

Front

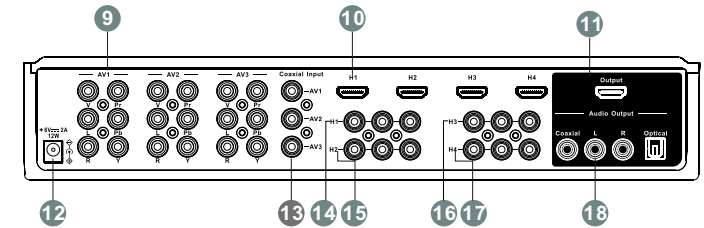


- 1 Power On / Off Button**
Press for power on or off. When off, the unit will turn itself to standby mode.

Press power on/off button again to reactivate.
- 2 Auto Button**
Auto mode select button. Automatically detects and selects the most recent input source(H1-4,AV1-4).
- 3 Manual Button**
Manual mode select button. Allows viewing the input source directly in conjunction with the input monitor button (5, 6) of the unit.
- 4 IR Receiver**
Infrared signal receiver.
- 5 AV1-AV4 Analog Signal Select Buttons**
AV1 to AV4 selection buttons. Allows selection of the input analog AV source converted to digital HDMI signal and directly to HDMI output port(11).
- 6 H1-H4 Digital Signal Select Buttons**
H1 to H4 selection buttons. Allows selection of the input digital HDMI source directly to HDMI output port(11).
- 7 Analog Input Monitor Indicating**
When the green indicator is turn on, the analog input is working.
- 8 Digital Input Monitor Indicating**
When the blue indicator is turn on, the digital input is working.

Nomenclature

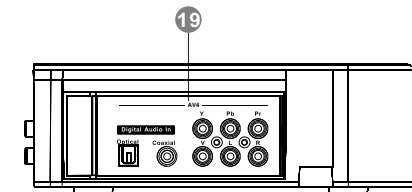
Rear



- 9 AV1-AV3 Inputs**
Supports composite , RGB and stereo R / L.
- 10 H1-H4 HDMI Inputs**
4xHDMI connection. Supports all HD format digital AV signal. Supports the latest HDMI1.3 and HDCP 1.2 specification.
- 11 HDMI Output**
Supports the latest HDMI1.3 and HDCP 1.2 specification .
- 12 DC Power Input**
6Vdc 2A power input socket.
- 13 AV1-AV3 Digital Audio Coaxial Inputs**
- 14 Extra H1 Audio Inputs .**
Digital audio coaxial /stereo
- 15 Extra H2 Audio Inputs .**
Digital audio coaxial /stereo
- 16 Extra H3 Audio Inputs .**
Digital audio coaxial /stereo
- 17 Extra H4 Audio Inputs .**
Digital audio coaxial /stereo
- 18 Audio Output**
Supports coaxial , optical and stereo.

Digital audio coaxial signal converted to extra optical output .

Side

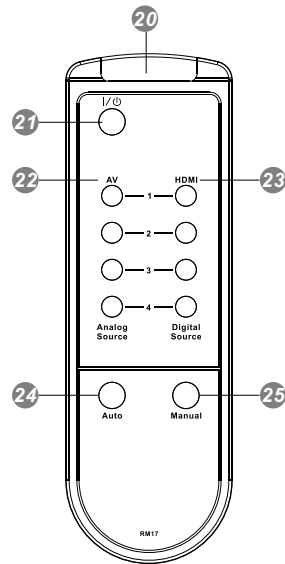


- 19 AV4 Input**
Supports optical , coaxial , composite , stereo and component .

Nomenclature

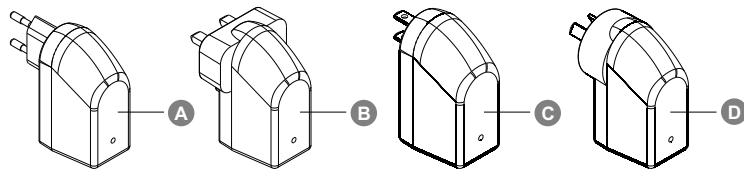
Remote Control

- 20 **IR**
For infrared remote control.
- 21 **Power On / Off Button**
To set the main unit power on/off .
- 22 **TV View Source Select Buttons**
To select analog AV source and output to TV for monitoring.
- 23 **TV View Source Select Buttons**
To select digital HDMI source and output to TV for monitoring.
- 24 **Auto Button**
To set the unit in auto mode.
- 25 **Manual Button**
To set the unit in manual mode.



Switching Power Supply

- 26 **Switching power supply**

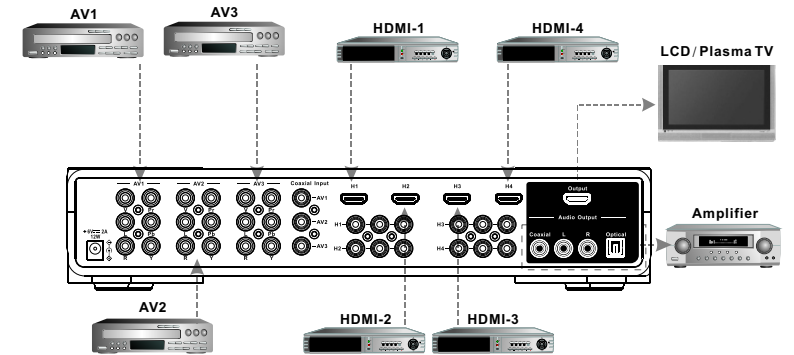


- A **EU type adaptor**
for EU model
- B **UK type adaptor**
for UK model

- C **UL type adaptor**
for UL model
- D **AU type adaptor**
for AU model

Typical Installation

Rear Connection



1. Digital audio coaxial inputs and output are strongly recommended to be connected for high performance home cinema system .
2. Good quality HDMI cables are essential for better performance. Especially the HDMI output cable must meet the latest HDMI 1.3 specifications for higher frequency HDMI signal transmission.

Operation

Auto Mode

1. The unit will turn "auto" mode when power on, then automatically detect and select available source from H1-4, AV1-4 in sequence.
2. The input source may now be selected by pressing the source select button on the front panel of unit or remote control.
3. An source can't be selected manually if no input signal detected under auto mode.
4. When the viewing source power off, the system will automatically detect and select other available source from H1-4, AV1-4 in sequence.

Manual Mode

1. The input source can be selected by pressing the source select button on the front panel of unit or remote control.
2. The input source can be selected manually no matter with signal or not.
3. The unit won't power off and switch to standby mode even no any signal can be detected for long period of time.

To power off the unit by pressing the **< Power >** button on the front panel of unit or remote control.

LED Indicators

1. The "power" and "auto" LED indicators will turn "green" when press **< Power >** button on the front panel of the unit or remote control.
2. The LED indicators of AV1-4, H1-4 will turn "white" if any available signal from particular source.
3. The LED indicators of AV1-4, H1-4 won't light on if no signal from source detected.
4. The LED indicator of AV1-4 will turn "green" once input source selected.
5. The LED indicator of HDMI1-4 will turn "blue" once input source selected.

Specifications

Inputs

x8

AV1-4

4xComponent video (Y/Pb/Pr or Y/Cb/Cr)
4xComposite video
4xStereo audio
4xAudio coaxial

H1-4

4xHDMI inputs (HDMI V1.3 and HDCP V1.2 compliant)
4xStereo audio
4xAudio coaxial

4xHDMI inputs (HDMI V1.3 and HDCP V1.2 compliant)
4xStereo audio
4xAudio coaxial

Output

x1

1xHDMI single output (HDMI V1.3 and HDCP V1.2 compliant)
1xStereo audio
1xAudio coaxial
1xToslink

Operating power source

6Vdc 2A, 12W

Power consumption

9W max.

Dimensions

340mm(W)x200mm(D)x62.5mm(H)