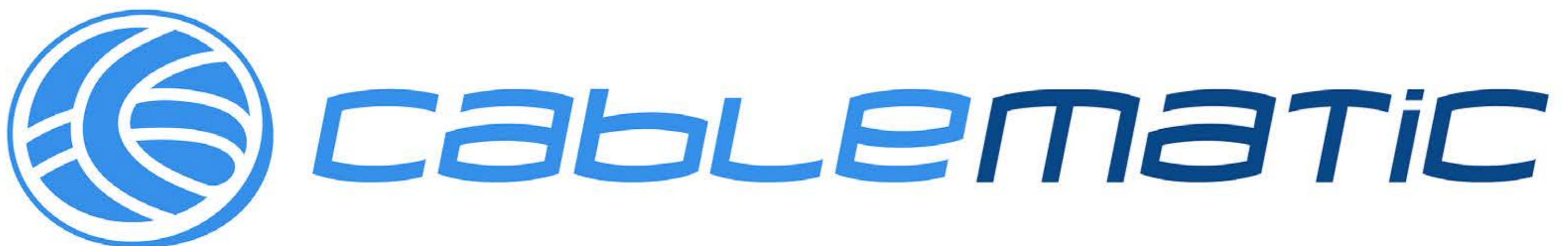


USER MANUAL

4K HDMI Switcher 4x1

(Model No: HDSW0009M1)



Enjoy the vivid world!

REMARK

Manufacturer does not make any commitment to update the information contained herein.

Dear customer

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

The products are designed to make your A/V device use more convenient, comfortable, productive and cost-efficient.

This product is a 4-Port UHD HDMI Switcher. You can connect 4 HDMI source devices to HDMI inputs, and switches easily between the four HDMI sources. At the same time, the switcher can extract the input HDMI audio out by the Optical port and the LR port.. The switcher can also be placed at the end of a long HDMI cable to regenerate the HDMI signal.

Our devices offer solutions for noise, space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.

INTRODUCTION

FEATURES:

- 4 x HDMI input and 1 x HDMI output, can extract the Input HDMI Audio Signal, Supports 1x SPDIF optical digital audio output and 2 channel RCA analog audio output
- HDMI supports Full HD,3D and 4K2K video
- Supports deep color 30bit, 36bit,48bit
- Supports Blue-Ray 24/50/60fs/HD-DVD/xvYCC
- Supports HDMI Digital audio format: DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD
- Supports 15 built-in EDID mode, can be used flexibly
- Support EDID save for each input source channel, to achieve fast change
- Supports ARC ,TV audio will return and out by the Optical Port; Supports HDMI audio separation, can output by optical and RCA at the same time
- Support SPDIF digital audio format: Dolby digital (AC3), DTS, LPCM, and support 5.1 CH
- Support signal retiming
- No loss of quality. Support input or output up to 15metres AWG26 HDMI standard cable length
- Power-off memory
- Supports wide range voltage DC input (DC5V--12V)

SAVE: EDID mode Enter and save key

After select built-in EDID mode, Press the SAVE key to save the current source channel built-in EDID information. If the switch is in the non - 0 point, the next time you change the source channel will use the saved EDID information in the last time. If the switch is in the 0 point, it will be at PASS mode, the SAVE button will have no effect. Pls note when you set EDID Switch to 0 point, the device will cancel the saved EDID info for the input source channel at prior action.. You need to save again for the wanted EDID info for the input source channel (make sure set the EDID Switch to Non 0 point position) .

ARC: ARC Turn on/off key

Note: TV must support ARC, this button will take effect. If ARC turn on, then output TV audio by optical port.

Switch: Short press is HDMI Input signal source selection. Long press (more than 2seconds) is power ON / stand by.

⏻: Power ON/OFF switch

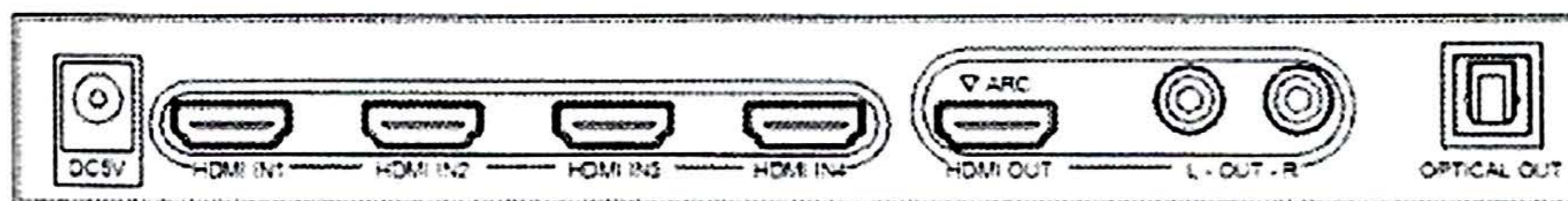


FIG.1.1 Rear Panel View

DC5V: DC in jack (DC5V-12V)

HDMI IN1~4: HDMI input ports

HDMI OUT: HDMI output port (support ARC)

Optical OUT: SPDIF digital audio output

L-OUT-R: Left & right analog audio output ports.

Note: If Non LPCM format or multichannel audio input, then L&R no output.

⏻: Power standby/Power on

IN1: Select HDMI IN1 for the input port

IN2: Select HDMI IN1 for the input port

IN3: Select HDMI IN1 for the input port

IN4: Select HDMI IN1 for the input port

</> : Turn left / right circulation switch input port

AUDIO: Select the HDMI audio output

ARC: ARC turn on, output TV audio

SAVE: Same with the SAVE key on the machine

(Note: Use after the battery separator film is pulled out)

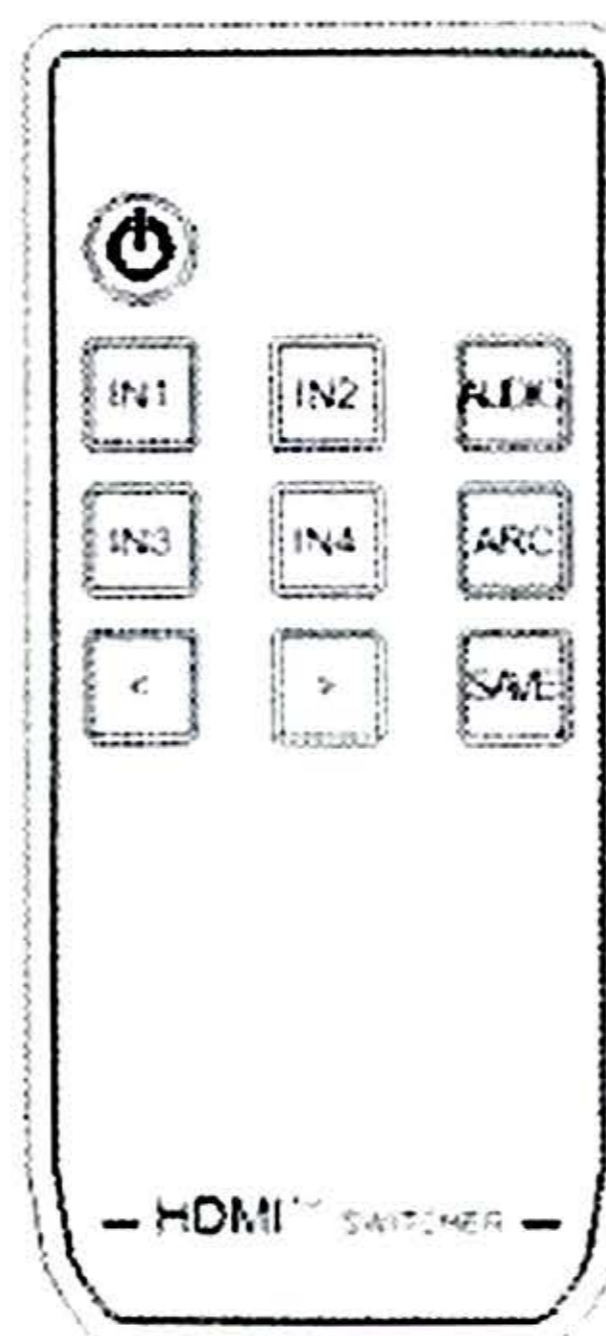


FIG.1.2 Remote Panel View

OPERATION AND CONNECTION:

1. Connect one HDMI cable from HDMI source devices into HDMI input port of switcher.
2. Connect one HDMI cable from TV/Monitor into the HDMI output port of switcher.
3. Connect power adapter to the switcher DC jack and inserted into the power socket.
4. Turn on the power switch and one of the input channels indicator will be lit.
5. Use of switch key or remote controller to select the input signal source.

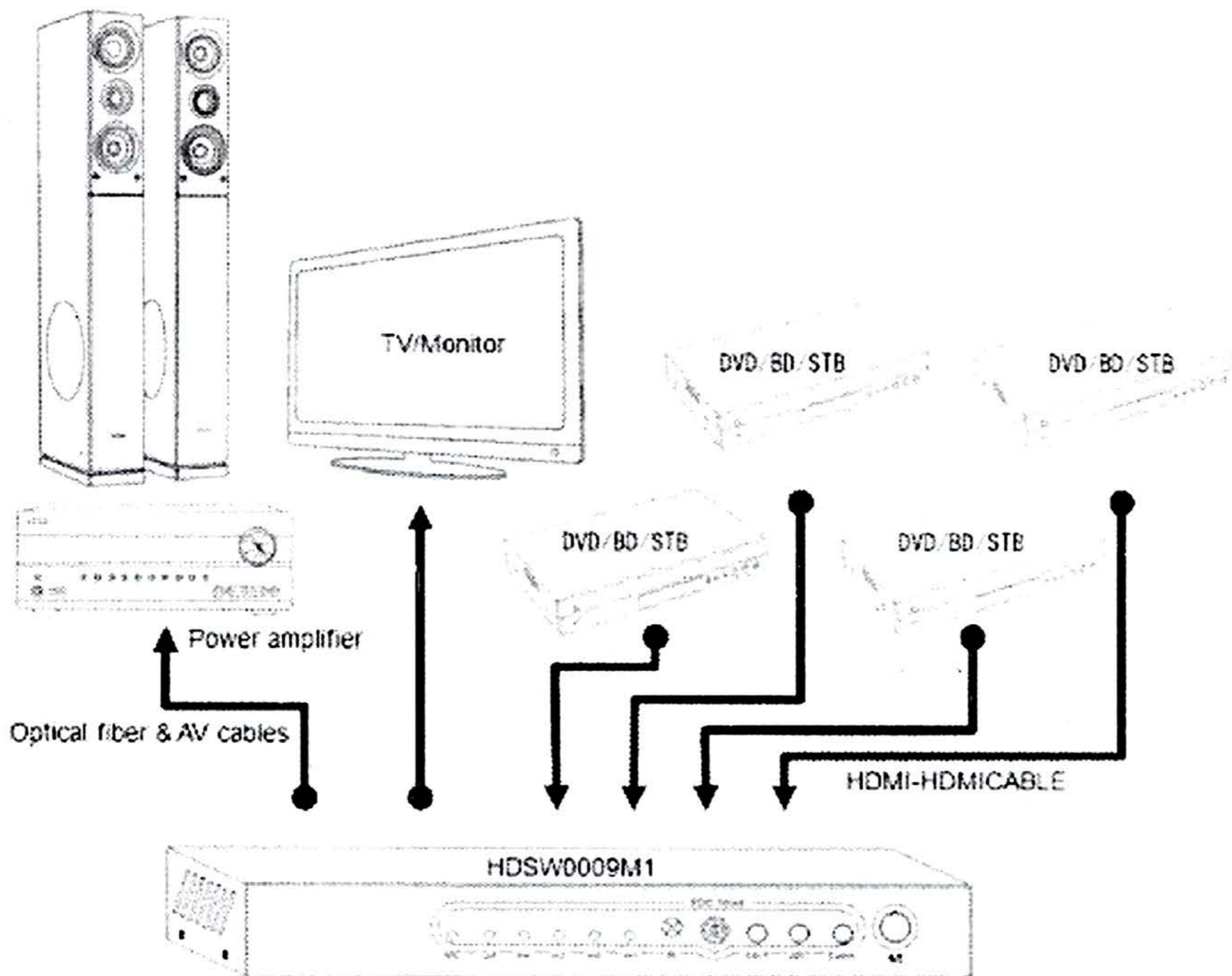
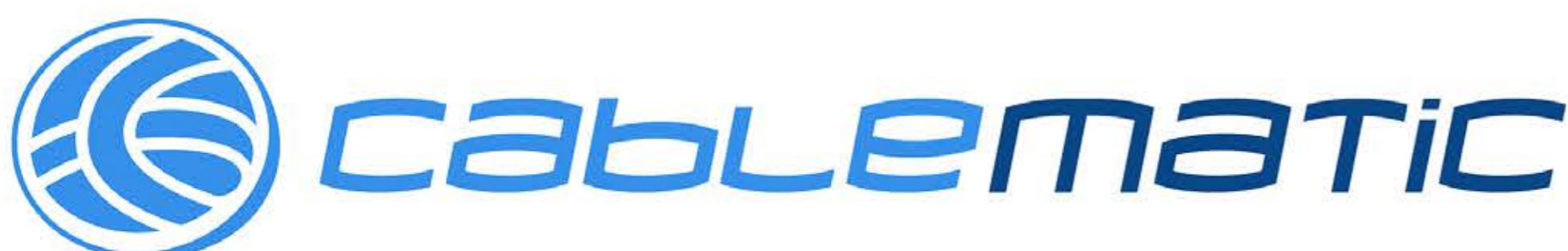


FIG.1.3 CONNECTION DIAGRAM

SPECIFICATIONS:

HDSW0009M1

HDMI resolution	up to 4K/30Hz, 1080P/1080I/720P/576P/480P/60Hz
Support video color format	24bit/deep color 30bit/36bit/48bit
Support HDMI audio format.....	DTS-HD/Dolby-trueHD/LPCM/DTS/Dolby-AC3/DSD
HDMI Max bandwidth.....	340MHz
HDMI Max baud rate.....	10.2Gbps
Input/Output TMDS signal	0.5–1.5Volts p-p (TTL)
Input/Output DDC signal	5Volts p-p (TTL)
HDMI Input cable distance.....	≤ 15m AWG26 HDMI standard cable
HDMI Output cable distance	≤ 15m (1080P) /8m(4K) AWG26 HDMI standard cable
Max working current.....	400mA
Power adapter format Input:	AC 100V~240V 50HZ/60HZ; DC5V/1A
Operating Temperature range	-10 to +55°C
Storage Temperature range.....	-20 to +60°C
Operating Humidity range	10 to 90%RH (No Condensation)
Storage Humidity range.....	5 to 95%RH (No Condensation)
Case Dimension (L x W x H)205x74x26 (mm)
Weight.....	370g



Notes:

Pls use the machine as the instruction listed to keep the long use lifetime of the machine.

1. The machine should be placed at the spot far from the Damp, High-Temperature, Dusty, Erosive, and oxidative environment.
2. All parts will be free from the strong shake, hit, fall.
3. Touching the power adaptor with the wet hands is prohibited.
4. Pls hold the power adaptor head and do not pull the power cord when cut off from the socket.
5. Pls turn the power off when the machines not used for long time.
6. Pls do not open the cover and do not touch the inside parts.
7. Pls use the original factory power adaptor.

FAQ:

Before power on, pls check the connection line carefully. And make sure that all interfaces are normally connected. The common trouble shooting way shows below:

No.	Problem Description	Solutions
1	Non-Power-Connected	<ol style="list-style-type: none">1. Check if the power adaptor head is truly and correctly inserted the power socket.2. Check the power switch if it is in standby status.
2	No Picture	<ol style="list-style-type: none">1. Pls to make sure that the TV is on and has been connected with the machine.2. Confirm the EDID mode switch setting.3. Check if the line is all good quality.4. Check signal source channel selection is correct
3	Optical / RCA no Sound	<ol style="list-style-type: none">1. Confirm the input audio format is supported formats.2. Check the signal source audio output settings are reasonable (recommend set to auto)3. Confirm the EDID mode switch setting.4. Confirm the Converter / power amplifier / TV set volume and mule.5. Confirm the wires are intact and reliable connection.



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