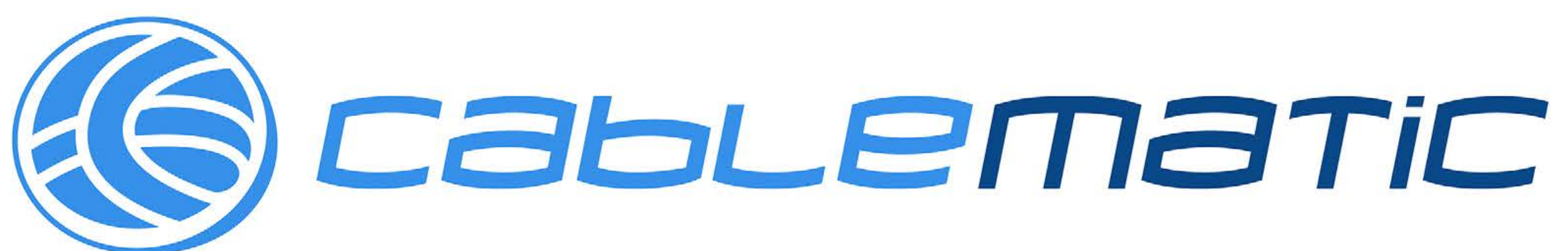

HDCN0001B



INTRODUCTION

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.

Our series of HDMI converters, switchers, extenders, matrixes and splitters are designed to make your A/V device use more convenient, more comfortable, more productive and more cost-efficient.

The **HDCN0001B switcher** use single source with VGA port or single source with YPbPr component accessing to single sink with HDMI port. The switcher allows RGB signal to be converted easily to TMDS signal.

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

FEATURES

- One YPbPr input.
- One VGA input.
- R/L analog audio input.(can be used with stereo Mini-Jack audio at the same time).
- 3.5mm Stereo Mini-Jack audio input.(can be used with R/L audio input at the same time).
- One HDMI signal output.
- Support input up to 1080P via component.
- Support VGA input : 800x600 , 1024x768 , 1152*864 , 1280*720 , 1280x768 , 1280x800 , 1280x960 , 1280x1024 , 1360x768 , 1366x768 , 1440x900 , 1680x1050 , 1920x1080
- HDMI output resolution:720P/ 60Hz. 1080P/ 60Hz:
- Adaptive PAL / NTSC standard.
- LED indication : when source or sink is working. LED relative to is light.
- Inputs can be switched with the IR remote control. also can be controlled by button.
- Support output up to 20metres AWG26 cable length
- Installs in minutes
- Need DC5V/2A power supply

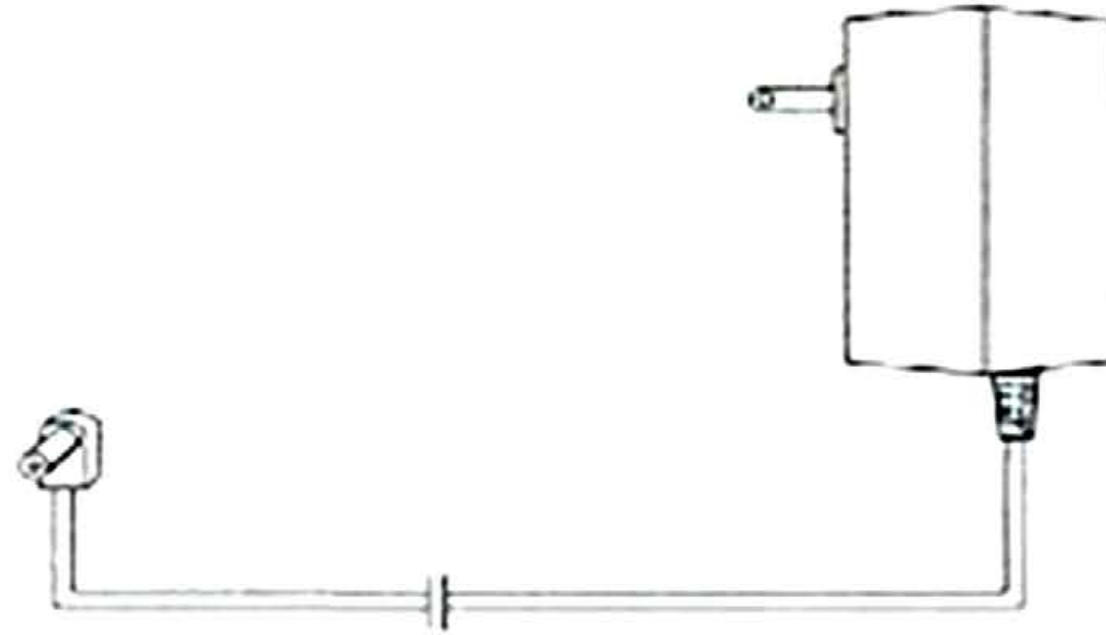


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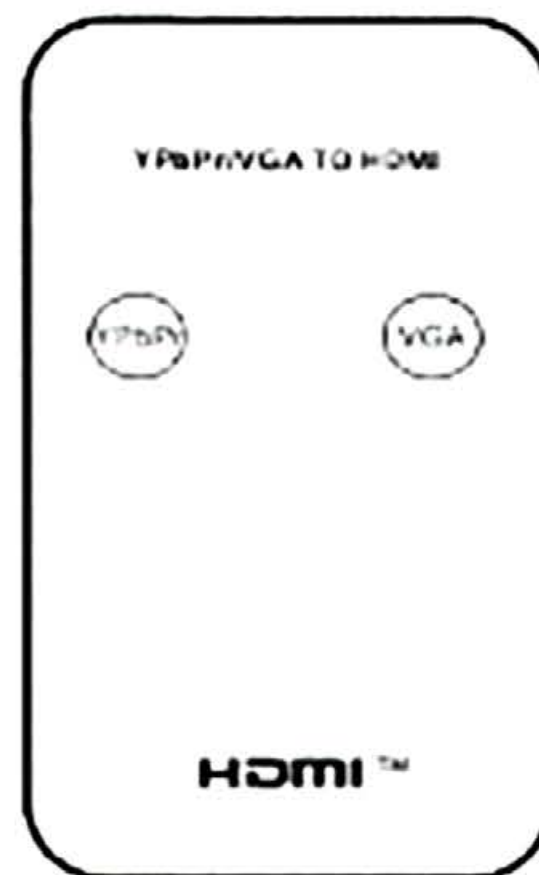
The accessories with the machines lists as picture:

1. 5V Power Adaptor
2. Remote
3. one pc of Manual

Power Adaptor



Remote



Physical Connection Showing Picture:

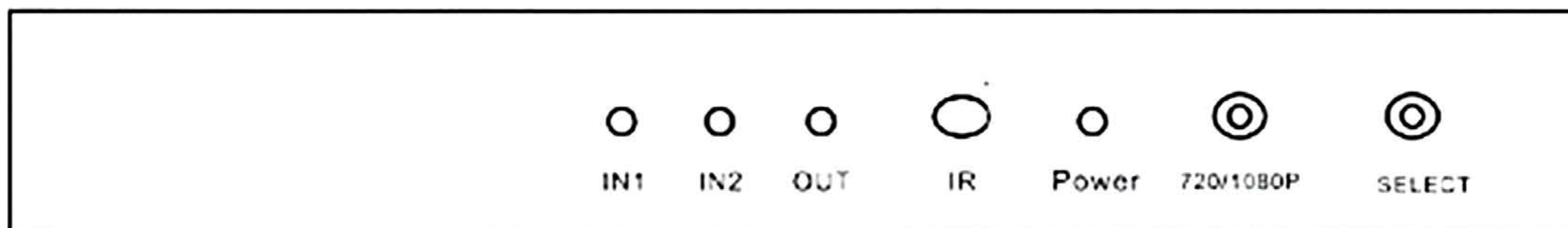


Figure 1.0 Front Panel Showing Picture

IN1 : VGA input led status light

IN2 : Ypbpr input led status light

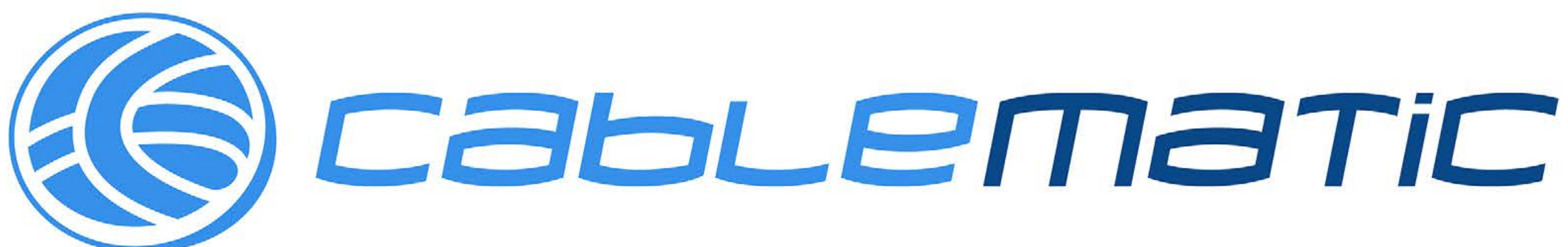
OUT : Signal Output Led Status Light

IR: IR Receiver

POWER: Power led

720/1080P: Output resolution switch

SELECT: Signal Input Switch Button



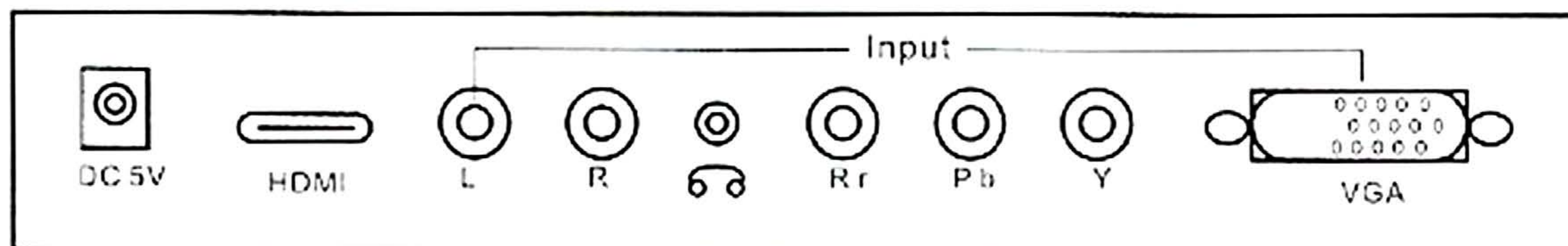


Figure 1.1 rear panel showing picture

DC 5V: 5V DC-DC interface

HDMI: HDMI output interface

R/L: Analog Sound Track(L/R) input interface

6Ω: 3.5 Audio input interface

Y Pb Pr: Ypbpr input interface

VGA: VGA input interface

Operating and Connecting:

1. Connect VGA cable from source devices with VGA port into the switchers input.
2. Connect component cable from source devices with RCA port into the switchers input.
3. Connect HDMI cable from sink device with HDMI input port into switchers output.
4. Connect 5V power supply to the HDCN0001B switcher.

SPECIFICATIONS:

HDCN0001B

Support input	RGB
Support VGA input	800x600, 1024x768, 1152*864, 1280*720, 1280x768, 1280x800, 1280x960, 1280x1024, 1360x768, 1366x768, 1440x900, 1680x1050, 1920x1080
HDMI output resolution	720/1080P
Support resolution up to	1250lines
Max refresh rate	75HZ
Input Video signal	0.5~2.0Volts p-p
Output video signal	-0.35~0.7Volts p-p
Max working current	1000mA
Output cable distance	≤ 20m AWG26 HDMI standard cable
Power adapter format	Input:AC (50HZ, 60HZ) 100V-240V; Output: DC5V/2A



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Operating Temperature range	(-15 to +55°C)
Operating Humidity range	5 to 90%RH (No Condensation)
Dimension (L x W x H)	178x65x27 (mm)
Weight	390g

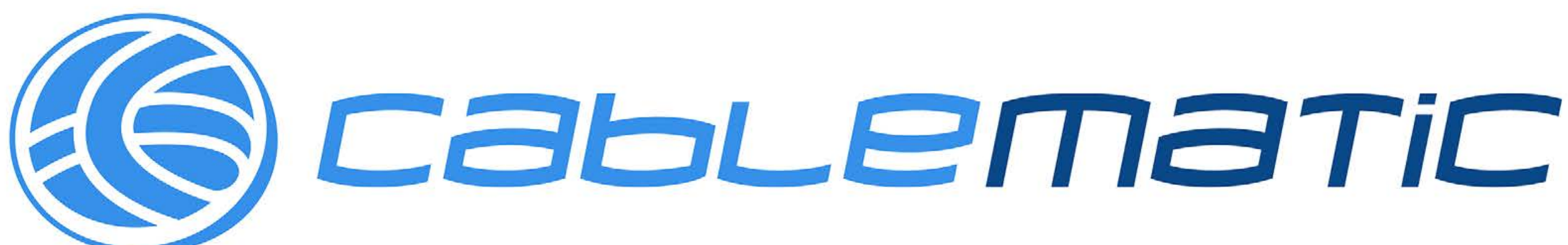
IR Remote Operating Instruction

1. Firstly take off the plastic film in the rear of the remote board.
2. If you want to select any of the two signal sources to the output, press the YPbPr or VGA key .Like if you want to switch the VGA input signal to the output, press the VGA key directly.
3. The plastic film is strongly advised to put it in the rear of the remote board when the remote is not used for long time.

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 machine is 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.



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:

Serial NO	Trouble Description	Cause and Ways to deal with
1	Non-Power-Connected	1、 Check if the power adaptor head is truly and correctly inserted the power socket. 2、 Check the power switch if it is in on status.
2	No Picture	1、 Pls to make sure that the TV is on and has been connected with the machine., 2、 To check if the signal source is on and well connected. 3、 Check the system connection quality. 4、 Check if the line is all good quality. 5、 Check the cable quality
3	Obscure Picture	1、 To try again to connect the cable to be free from the unsuccessful connection. 2、 HDMI Cable Quality
4	Remote	1、 Pls check if the film that stops the current has been taken out. 2、 To check if the remote battery is working full.



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