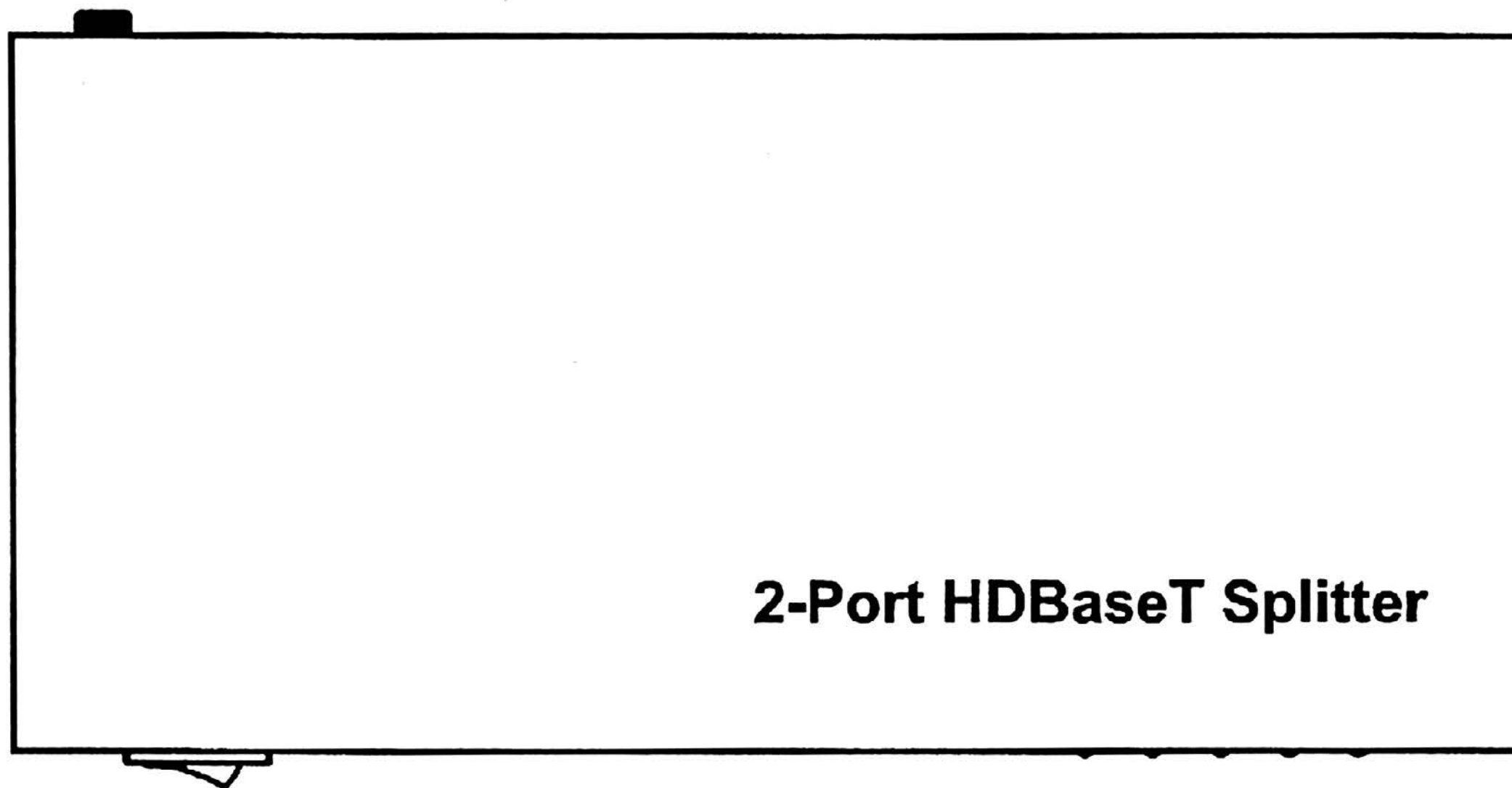


100m 1x2 HDBaseT Splitter, HDCP2.2 compliant Support POC, Ethernet, RS232 Pass through

Operating Instructions



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.

Features

- Incorporate HDBaseT technology
- Distribute 1 Ultra HD HDMI signal to 2 identical HDBaseT output, with 2 x loop HDMI output and 2 Ethernet ports
- HDCP 2.2 compliant (HDCP 2.2 in, HDCP 1.4 out)
- Support resolutions to 4K@60Hz, YUV 4:2:0, VESA resolution up to 1920x1200
- Support Dolby TrueHD, DTS-HD Master Audio
- With wide-band Bi-Direction IR control (38 ~ 56 kHz)
(IR extension from Sender to Receiver or from Receiver to Sender)
- HDBaseT output 2 support Ethernet pass through
- Support RS232 pass through
- Support CEC, 3D
- Support POC (Receiver powered by HDBaseT Splitter)
- DC 12V power supply

NOTICE

Our company reserve the right to make changes in the hardware, packaging and any accompanying documentation without prior written notice.

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Package Contents

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Packing contents

- 1) Main Unit: 1x2 HDBaseT Splitter
- 2) 1x Power supply DC 12V
- 3) 1x IR-TX cable
- 4) 2x IR-RX cable
- 5) 2x Phoenix plugs for RS232 cable termination
- 6) 4x screws
- 7) 2x detachable mounting ears
- 8) Operating Instruction manual

Specifications

Operating Temperature Range	-5 to +35°C(+23°to +95°F)
Operating Humidity Range	5 to 90%RH (No Condensation)
Video Bandwidth	10.2Gbps
Video Format Supported	Resolutions up to 4K@60Hz, YUV 4:2:0 VESA resolution ^①
Connectors	1x HDMI input 2x HDMI loop output 2x RJ45 output 1x Power DC receptacle 2x Phoenix RS232 port 2x Ethernet port
Transmission Distance	100m(1080P), 70m(4K)
Power supply	110-240V/ 12V DC power supply
Power Consumption	15Watts
Dimensions	L220.2xW112.7xH27.5mm
Weight	1200g

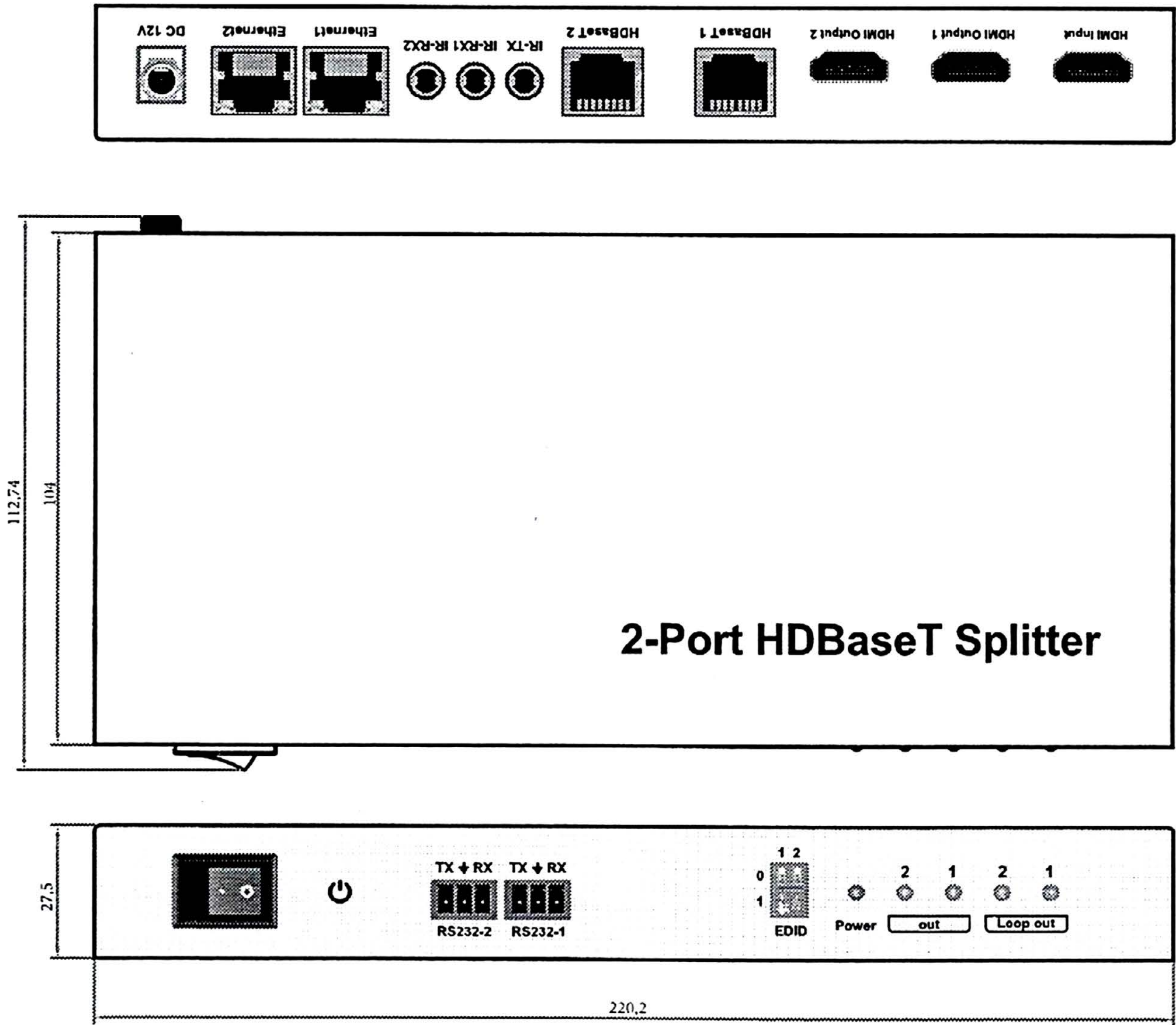
Note: Specifications are subject to change without notice. Mass and dimensions are approximate.

① VESA Resolution

Refresh rate	VESA Resolution
60Hz	640x480
	800x600
	1024x768
	1280x768
	1280x960
	1280x1024
	1680x1050
	1920x1080
	1280x720
	1360x768
	1400x1050
	1920x1200 ¹

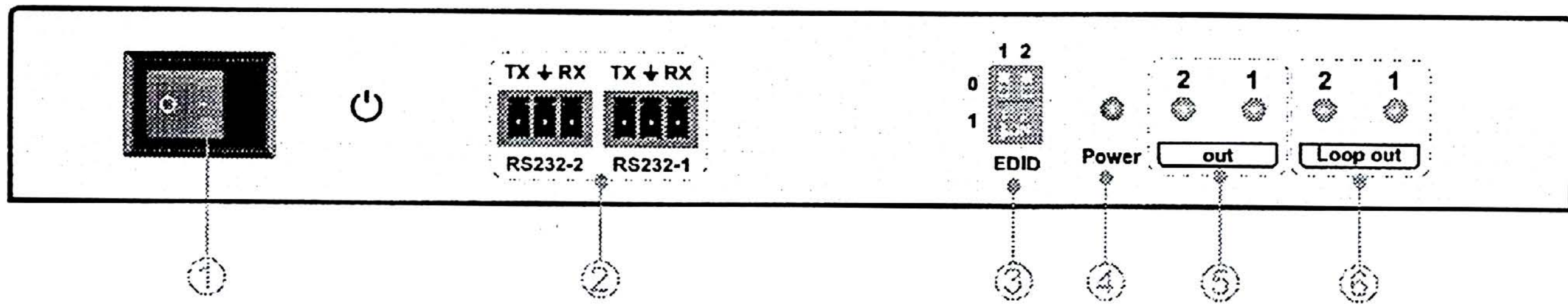
¹ Support 1920x1200 under EDID “1 0”.

Dimensional drawing



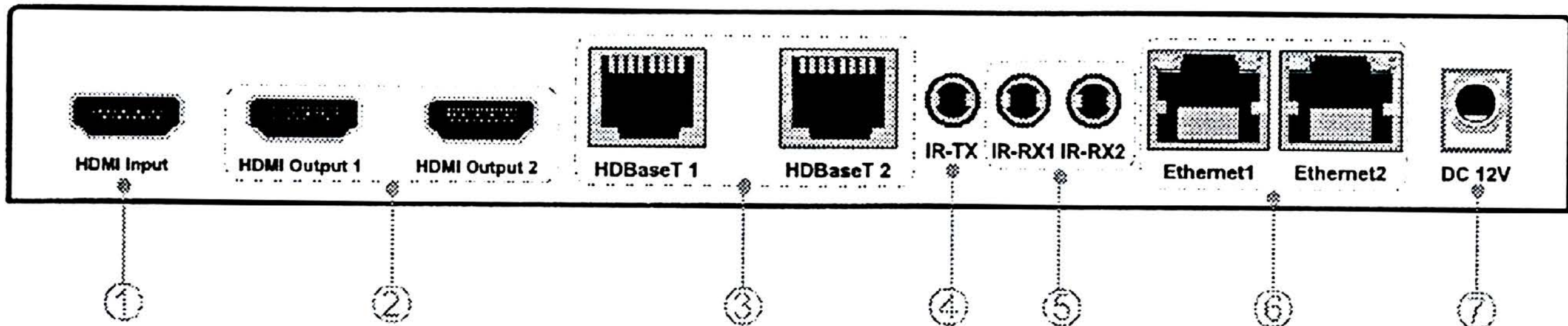
Panel Descriptions

Front Panel



- ① Power ON/OFF ("o": off; "—": on)
- ② RS232 port
- ③ DIP switch for EDID setting^①
- ④ Indicator of Power
- ⑤ Indicator of out
- ⑥ Indicator of Loop out

Rear Panel



- ① HDMI Input port
- ② HDMI Output ports
- ③ HDBaseT ports
- ④ IR-TX port
- ⑤ IR-RX(1&2) ports
- ⑥ Ethernet port
- ⑦ DC 12V Power

Note: ① EDID

0 0	1080P@60Hz、2CH
0 1	4K@60Hz、YCBCR420、3D、DOLBY5.1
1 0	1080P@24Hz、3D、DOLBY5.1
1 1	4K@30Hz、2CH

Please restart the splitter when change EDID mode!

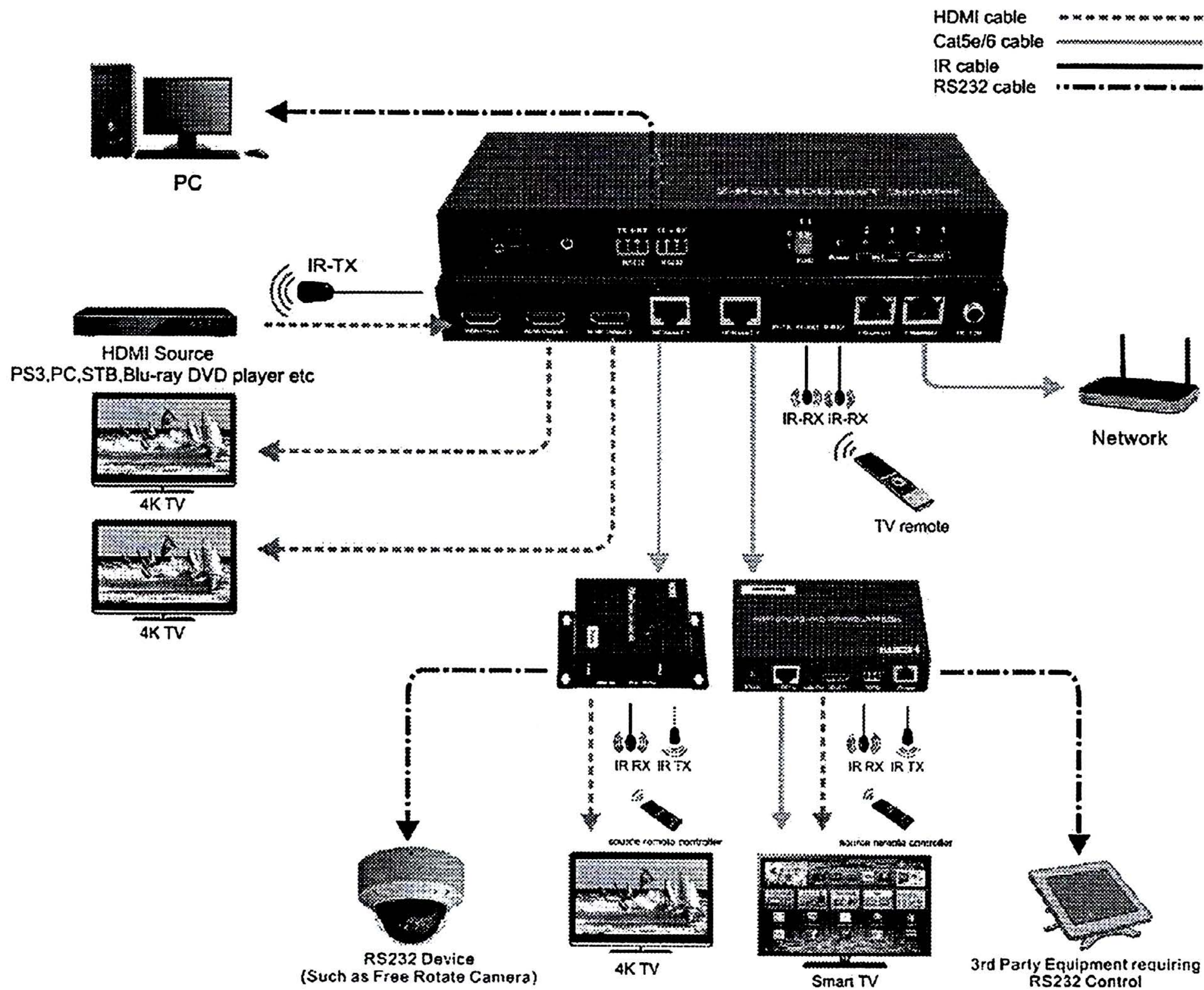
Connecting and operating

- 1) Connect the HDMI input source into HDBaseT splitter.
- 2) Connect HDBaseT splitter and Receiver over Cat6 cable, The Cat6 cable must follow EIA-TIA 568b standards.
- 3) Connect the HDMI output of Receiver to the HDMI Display.

- 4) Connect IR TX cables to the IR-TX sockets on the splitter and connect IR RX cables to the IR-RX sockets on the splitter.
 - 5) Connect IR RX cable to IR-In port of Receiver, connect IR TX cable in to IR-Out port of Receiver.
 - 6) Power up all units, the splitter, Receiver, sources and displays.
 - 7) To get on the ethernet, pls connect as below steps:
 1. Connect ethernet cable into ethernet port on HDBaseT splitter.
 2. Connect ethernet cable with TV and ethernet extender receiver.
- Note: 1. The ethernet function is designed for ethernet compatible receiver units only.
 2. Output2 with ethernet function.

Applications

Commercial and residential AV systems, Classroom projector systems, digital signage, Boardroom systems, collaborative PC systems



Operating Instructions

MAINTENANCE

Clean this unit with a soft, dry cloth. Never use alcohol, paint thinner or benzene to clean this unit.

PRODUCT SERVICE

Damage requiring service:

The unit should be serviced by qualified service personnel if:

- a) The DC power supply cord or AC adaptor has been damaged;
- b) Objects or liquids have gotten into the unit;
- c) The unit has been exposed to rain;
- d) The unit does not operate normally or exhibits a marked change in performance;
- e) The unit has been dropped or the cabinet damaged.

Servicing Personnel: Do not attempt to service the unit beyond that described in these operating instructions. Refer all other servicing to authorized servicing personnel.

Replacement parts: When parts need replacing ensure the servicer uses parts specified by the manufacturer or parts that have the same characteristics as the original parts. Unauthorized substitutes may result in fire, electric shock, or other hazards.

Safety check: After repairs or service, ask the servicer to perform safety checks to confirm that the unit is in proper working condition.

WARRANTY

If your product does not work properly because of a defect in materials or workmanship, our Company (referred to as "the warrantor") will, for the length of the period indicated as below, (Parts(2)Year, Labor(90) Days) which starts with the date of original purchase ("Limited Warranty period"), at its option either (a) repair your product with new or refurbished parts, or (b) replace it with a new or a refurbished product. The decision to repair or replace will be made by the warrantor.

During the "Labor" Limited Warranty period there will be no charge for labor.

During the "Parts" warranty period, there will be no charge for parts. You must mail-in your product during the warranty period. This Limited Warranty is extended only to the original purchaser and only covers product purchased as new. A purchase receipt or other proof of original purchase date is required for Limited Warranty service.

MAIL-IN SERVICE

When shipping the unit carefully pack and send it prepaid, adequately insured and preferably in the original carton. Include a letter detailing the complaint and provide a day time phone and/or email address where you can be reached.

LIMITED WARRANTY LIMITS AND EXCLUSIONS

1) This Limited Warranty ONLY COVERS failures due to defects in materials or workmanship, and DOES NOT COVER normal wear and tear or cosmetic damage.

The Limited Warranty ALSO DOES NOT COVER damages which occurred in shipment, or failures which are caused by products not supplied by warrantor, or failures which result from accidents, misuse, abuse, neglect, mishandling, misapplication, alteration, faulty installation, set-up adjustments, misadjustment of consumer controls, improper maintenance, power line surge, lightning damage, modification, or service by anyone other than a Factory Service center or other Authorized Servicer, or damage that is attributable to acts of God.

2) THERE ARE NO EXPRESS WARRANTIES EXCEPT AS LISTED UNDER "LIMITED WARRANTY COVERAGE". THE WARRANTOR IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. (As examples, this excludes damages for lost time, cost of having someone remove or re-install an installed unit if applicable, travel to and from the service, loss of or damage to media or images, data or other recorded content. The items listed are not exclusive, but are for illustration only.)

3) PARTS AND SERVICE, WHICH ARE NOT COVERED BY THIS LIMITED WARRANTY, ARE YOUR RESPONSIBILITY.