Quick Start Guide
RHB-350 Scaler Receiver

PureLink
digital solutions

Product Specifications HDBT Rx

Product Drawing

Front View

Rear View
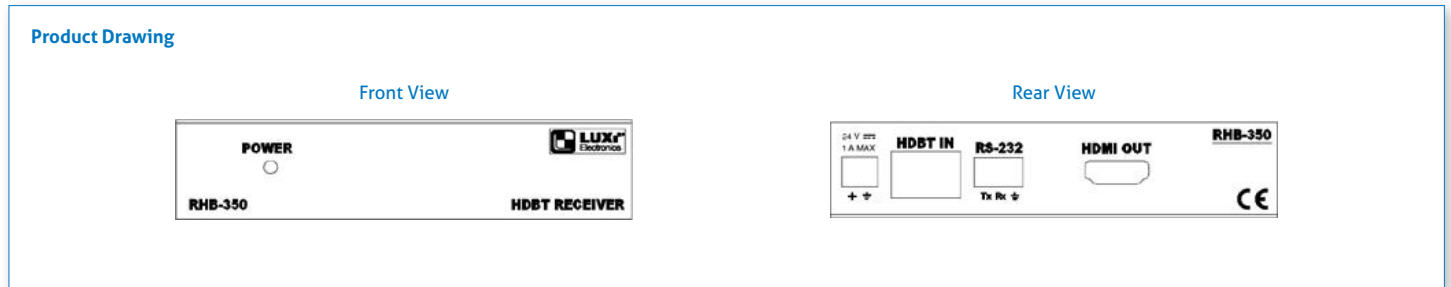
Features and Benefits (for the matching THB-350)

- Universal interface, compatible with all source signal formats
- World's smallest high performance all purpose signal converter, scaler, switcher, splitter, mixer, HDCP compliant
- VGA, HDMI, DP input, auto switch or front panel, RS-232, contact controllable with discrete input LED indications
- Configurable display power controls via RS-232 enables fully auto operation systems without any 3rd party controller
- Independent analog audio input, can be coupled with any video input, mixed with audio de-embedded from HDMI or DP outputs to bal/unbal analog output, or embedded to HDMI
- Dual mirrored outputs, HDBT for big screen/projector and HDMI for local monitor, with or without OSD or screensaver, enable monitor sleep/wake up (energy saving)
- Unique RS-232 controlled picture zoom (out) adjustments
- HDBT output sending signals up to 70 m (235') with POC
- RS-232 selectable video resolutions of common 16:9, 16:10, 4:3 or pixel to pixel modes
- High efficiency fanless design for ultimate reliability
- Rack mountable, under-table mountable, above-projector mountable metal enclosures

Connections

Input connectors:	1 HDBT
Output connector:	1 HDMI
Power connector:	2-pin 3.5 mm captive screw receptacle
Control connectors:	(1) 3-pin RS-232

Mechanical

Enclosure material:	steel
Enclosure size:	4.29" x 1.00" x 3.00" (10.9 x 2.5 x 7.6 cm)

Packaging

BOX SIZE:
  15.0 x 12.2 x 2.8 cm
WEIGHT:
  Package 0.29 kg
  Product 0.22 kg
30-PC BOX SIZE:
  31.5 x 29.5 x 24 cm
30-PC BOX WEIGHT:
  9.6 kg

Other Related Products

Package Content

- One piece in one color cardboard box; with captive screw
- Plugs & quick start guide
- No power supply

Under desk mount,
P/N 78-002-01

HDBT Tx, P/N 74-040-01,
model THB-350

Power supply, 100-240 V in
on US plug, 24 V out,
P/N 69-008-01

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Electrical	
Video output resolution presets:	720p, 1080p, 1280x800, 1920x1200, 1024x768, 1280x960, 1600x1200, pixel to pixel
HDBT input:	up to 70 m (235') with Cat6 cable; POC 24 V
Controls:	Front panel button toggle thru all 3 inputs RS-232 on 3-pin 3.5 mm captive screw, 9600/8-N-1 Contact port on 4-pin 3.5 mm captive screw, discrete pin for each input, dual function (switch to select, LED for indication)
Power consumption:	24 V DC, up to 1 A
Optional power supply:	Not included. Luxi 69-008-01: Auto switching 100-240 V AC input on US plug, 24 V DC 1 A max on bare wires, wall ward type, UL, PSE, CE, FCC
Mounting:	Not included. Luxi under desk mount 78-002-01: compatible with several Extron and Middle Atlantic mounts
Regulatory compliance:	Safety: CE, cUL, UL (power supply only) EMI/EMC: CE, FCC Class A
MTBF:	30.000 hours
Warranty:	3 years parts and labor

For local support, please contact your reseller directly.

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