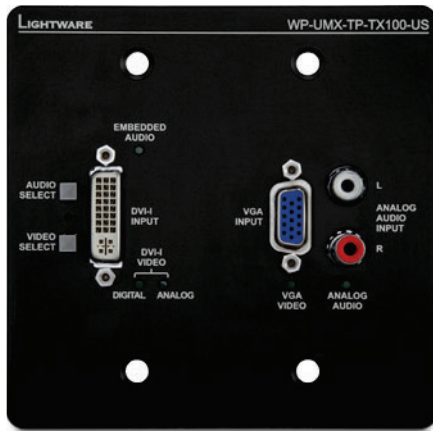


## Twisted pair wallplate and floorbox transmitter



WP-UMX-TP-TX100 and FP-UMX-TP-TX100 are all-round, universal video and audio extenders designed to handle digital video, analog video, and audio signals e.g. VGA, YPbPr, RGB, DVI and HDMI 1.3 with analog stereo or even 7.1 HDMI embedded audio. Analog signals are converted to digital formats and digital or digitized analog audio is embedded in the video stream. Video, audio and remote power are carried over two twisted pair cables. The transmitter handles HDCP encryption and has an HDCP enable/disable function.

Using factory, custom or transparent EDID emulation the user can fix and lock EDID data on the transmitter's input connector. Advanced EDID Management forces the required resolution from any VGA or HDMI laptop and fixes the output format conforming to the system performance. Control options available through compatible Lightware receivers which have serial RS-232 control port (e.g. HDMI-TP-RX100RA).

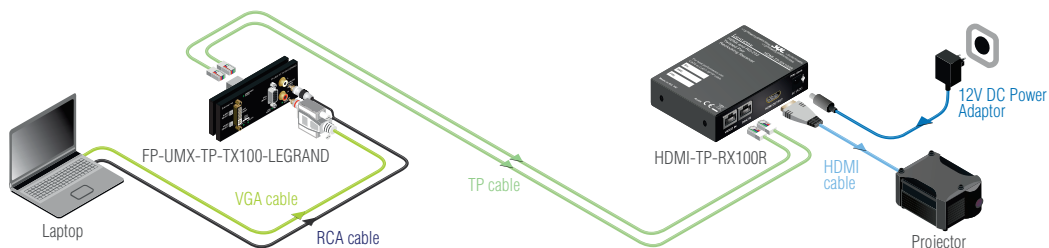
Part No: See below



### Highlight features

- Extends VGA, YPbPr, DVI and HDMI signals
- Accepts analog and digital audio signals
- Autoswitch and autosync function for video and audio inputs with priority
- HDCP compliant
- Adjustable analog audio settings

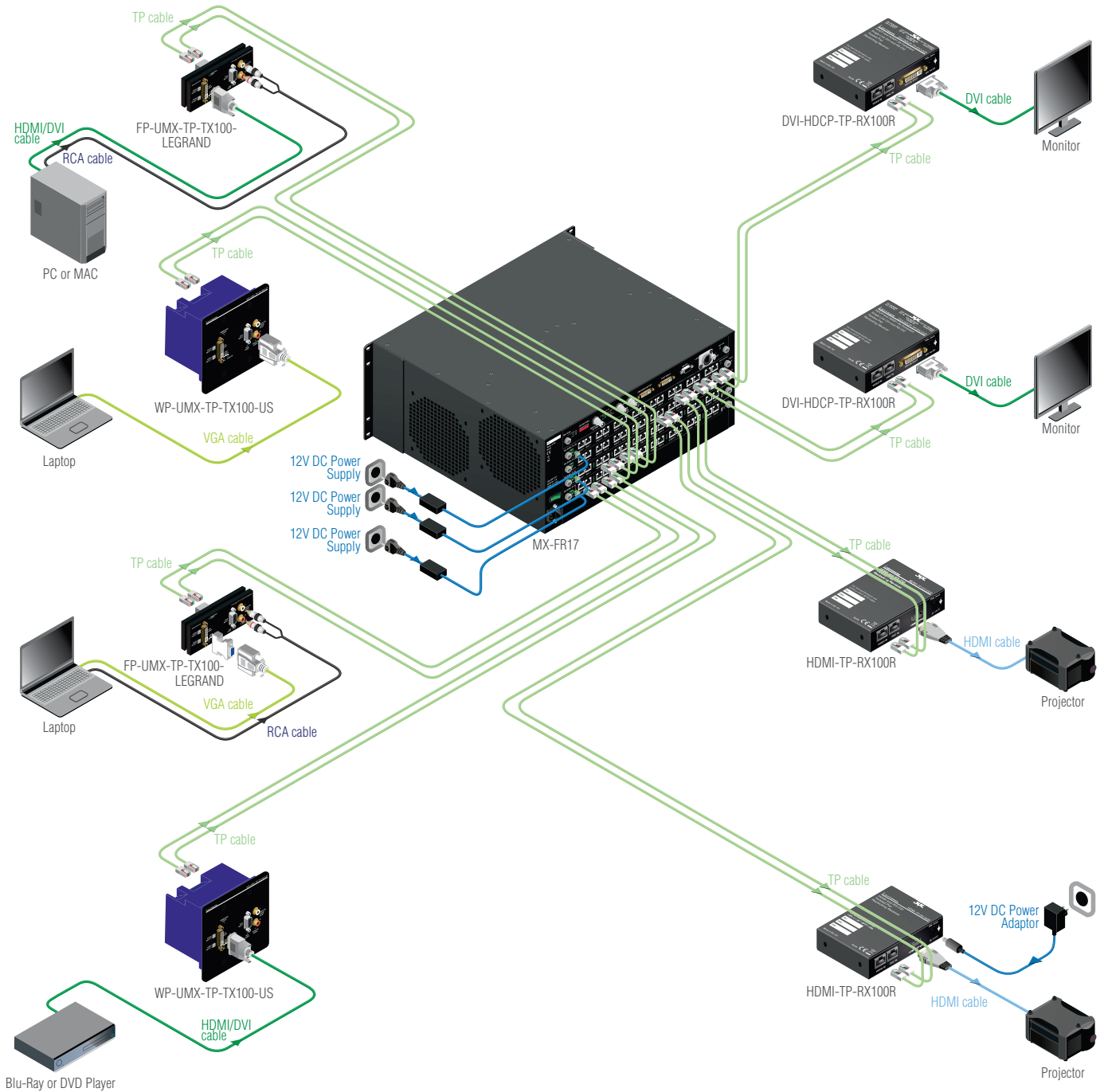
### Stand alone application



# WP-UMX-TP-TX100 and FP-UMX-TP-TX100

Cross compatibility between all the devices in the product series is ensured thanks to Lightware's attentive design. The transmitter can be paired with any receiver without restriction. With Lightware's Hybrid Modular Matrix concept, it is even possible to connect the WP-UMX-TP-TX100 or FP-UMX-TP-TX100 directly to the matrix router using an MX-HDMI-TP or MX-DVI-TP series input board.

## Integrated system operation



# WP-UMX-TP-TX100 and FP-UMX-TP-TX100

Available products



WP-UMX-TP-TX100-EU front and rear view



WP-UMX-TP-TX100-UK front and rear view



WP-UMX-TP-TX100-US front and rear view



WP-UMX-TP-TX100-EUROMOD front and rear view



FP-UMX-TP-TX100-GB3 front and rear view



FP-UMX-TP-TX100-LEGRAND front and rear view

## Applications

- Executive boardrooms
- Conference rooms, collaborative telepresence
- Multiroom video and audio control
- Home theatre systems

## Features

- Extends VGA, YPbPr, RGB, DVI and HDMI 1.3 signals
- Accepts analog stereo or even 7.1 HDMI embedded audio signals
- HDCP compliant
- Connectors: DVI-I and VGA for video, 2 x RCA for analog audio
- Autoswitch and autosync function for video and audio inputs with priority
- Audio embedding on output
- Volume, gain and balance control
- Phase invert and DC filter option
- Max cable length of 65m (CAT7 SFTP)@1080p60, 40m (CAT5e UTP) @1080p60, 60m (CAT6 FTP) @1080p60
- All analog signals are converted to digital formats
- Auto select function for video and audio inputs
- Uncompressed video/audio up to 6.75 Gbps
- Input (video & audio) status LEDs
- Remote power source
- Easy, universal mounting

## Specifications

Data rate:	6.75 Gbps (2.25 Gbps per color)
Resolution:	Up to 1080p (HDTV) or 1920 x 1200
Input cable equalization:	Automatic max 20 m
EDID support:	256 byte Extended EDID
HDCP pass through:	Yes
VGA to digital conversion:	0 $\mu$ s delay
Front panel control:	Yes
Power:	12 V, powered from remote device through TP cables
Power consumption:	3.2 W (typ), 4 W (max)
Dimensions:	See the table below
Weight:	See the table below
Compliance:	CE
Warranty:	3 years

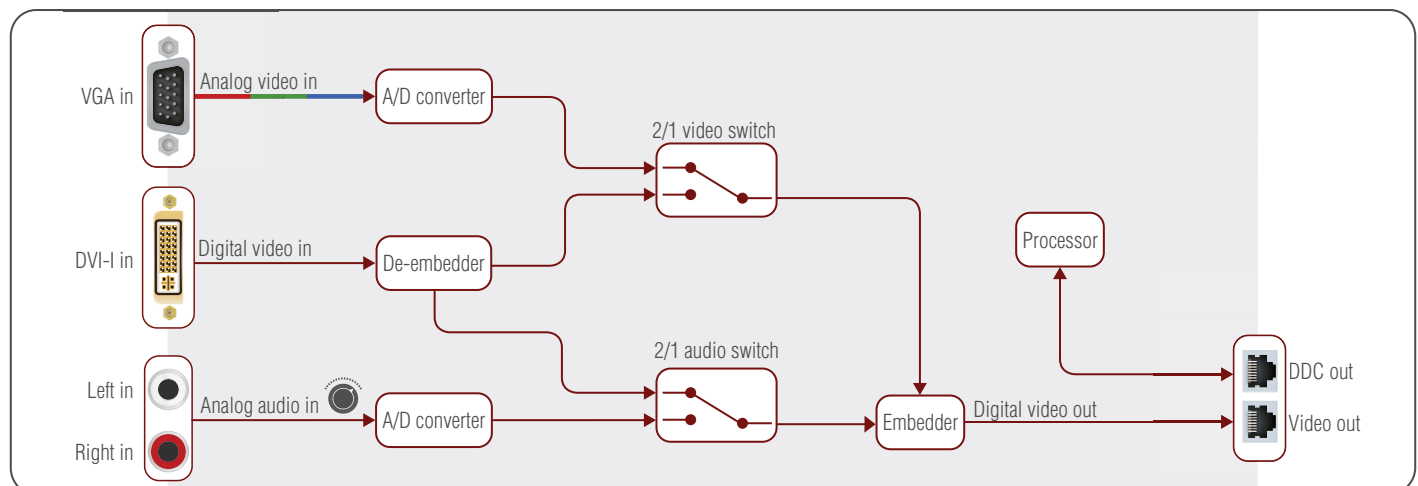
## Connectors

Digital/analog video input:	DVI-I connector
Analog video input:	VGA connector
Analog audio input:	L+R RCA (Analog Stereo)
TP output:	2 x RJ45

## Analog audio input

Volume:	-63 .. 0 dB
Gain:	0 .. 24 dB
Balance:	0 .. 100%
Phase invert:	On/Off

## Port diagram



## Product series comparison

Product:	Product dimensions:	Box dimensions:	Weight:	Part No:
WP-UMX-TP-TX100-EU	150 W x 80 H x 41.9 D mm	2-gang; 45 D mm	290 g	9152 0024
WP-UMX-TP-TX100-UK	140 W x 80 H x 41.9 D mm	2-gang; BS 4662; from 35 mm; 129 W x 68.3 H mm	280 g	9152 0025
WP-UMX-TP-TX100-US	115.9 W x 114.3 H x 41.9 D mm	2-gang; B225R	360 g	9152 0026
WP-UMX-TP-TX100-EUROMOD	99.6 W x 49.6 H x 41.9 D mm	Euromod 100 W x 50 H mm	200 g	9152 0027
FP-UMX-TP-TX100-GB3	134.5 W x 44.8 H x 41.9 D mm	GB3 P3; rectangular opening for a triple Modul 45 socket, L=147 mm	170 g	9152 0028
FP-UMX-TP-TX100-LEGRAND	112.6 W x 44.8 H x 41.9 D mm	Legrand 113 W x 45 H mm	200 g	9152 0029

## Optional accessories for floorboxes



FP-UMX-TP-TX100-LEGRAND in a Legrand 896 10 floorbox panel, it also fits in the Legrand 896 15 floorbox panel as well. Please note that this accessory is not included.



FP-UMX-TP-TX100-GB3 is designed to mount in an OBO Bettermann - formerly Ackermann - floor box that holds GB3 insert modules. Please note that these accessories are not included.

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