

AV over HDBaseT Distribution System - Wallplate Transmitter + Wallplate Control Panel + Stand-Alone Receiver

The PT-PK100 is a multi-function AV distribution system designed to provide HDMI video switching, system control, video extension and analog audio amplification in a convenient kit. The system consists of Scaler Wall-Plate HDBaseT Transmitter, HDBaseT Receiver and Wallplate Control Panel. Utilizing the Valens Colligo series chips, power, control, 1080p video, and audio are all transported over a single Ethernet cable. The wall plates are connected directly to the receiver which provides complete control and power to the whole system. Additionally, the receiver features a built-in web GUI for control and analog audio de-embedding to a built-in 2x20 watt stereo amplifier.



MULTIFORMAT INPUT

Supporting VGA (+audio) and HDMI inputs, the PT-PK100 will scale the respective input signal before transmitting it to the receiver, making this a versatile and powerful transmitter incl. scaler.



HDBASET TRANSMISSION

Using HDBaseT transmission technology, A/V, control signals, PoC and more can be transmitted over a single Cat cable. The standard is universally compatible with other HDBaseT devices.



IR ACCESS POINT

The PT-PK100 is perfectly equipped to act as an IR forwarding device, creating a whole new IR access point for remote controls. Simply install the control wallplate and point your remote at it!



POWER OVER CAT

All three devices of the PT-PK100 set - transmitter, receiver and control panel - are powered by only one single PSU on the receiver using Power-over-Cat functionality.



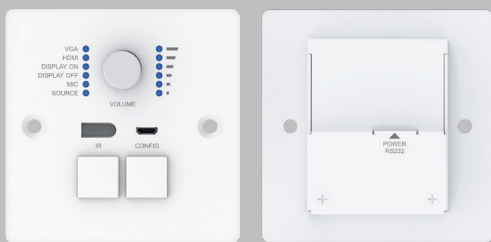
INSTALLER'S CHOICE

The convenient, wallplate-based design with universal HDBaseT compatibility makes this PT-PK100 set a number one choice for professional installers and integrators.



2X 20W STEREO OUTPUT SOUND

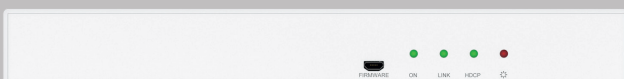
The included audio breakout directly routes to a built-in 2x20W stereo amplifier inside the PT-PK100 receiver, eliminating the need for an external amp.



BCWP



TXWP



RX



VIDEO

Input	TXWP:	1 x HDMI, 1 x VGA
	RX:	1 x HDBaseT (RJ45)
	BCWP:	-
Output	TXWP:	1 x HDBaseT (RJ45)
	RX:	1 x HDMI
	BCWP:	-
HDMI Standard	HDMI 1.4 & HDCP 1.4	
Bandwith	10.2Gbps	
Video Resolution	Input:	Up to 1080p @60Hz
	Output:	Up to 1920x1200 (WUXGA) @60Hz
Transmission Mode	HDBaseT	

AUDIO

Input	TXWP:	1 x Audio In (3.5mm Jack)
	RX:	1 x MIC (3-pin Phoenix), 1 x Remote Mute (2-pin Phoenix)
	BCWP:	-
Output	TXWP:	-
	RX:	1 x Stereo Line Out (3-pin Phoenix), 1x Stereo Amp Out (2x 20W 4Ω, 4-pin Phoenix 5.08 pitch)
	BCWP:	-

CONTROL

Control Ports	TXWP:	1 x PC control port (USB-B), 1 x RS232 (3-pin Phoenix), 1x HDBT/ PoC (RJ45)
	RX:	1 x Ethernet (RJ45), 1 x Touch control (USB-A Female), 1 x RS232 (3-pin Phoenix), 1 x IR out (3.5mm Jack)
	BCWP:	1 x RS232 (3-pin Phoenix), 1 x FW (Micro USB), 1x IR sensor (integriert)

GENERAL

Transmission Distance	Up to 30 meters for FullHD / 1080p @60Hz via Cat5e/6A	
Operation Temperature	0°C - 40°C (32°F - 104°F)	
Storage Temperature	-10°C - 55°C (14°F - 131°F)	
Relative Humidity	10% ~ 90%	
Power Supply	TXWP:	PoC
	RX:	24V, 2.71A DC Locking Barrel (5.5mm Outside Diameter, 2.1mm Inside Diameter)
	BCWP:	PoC
Dimensions (W*H*D)	TXWP:	151 x 80 x 47mm
	RX:	250 x 31 x 130mm
	BCWP:	80 x 80 x 37mm
Net Weight	TXWP:	268g
	RX:	682g
	BCWP:	124g

DELIVERY CONTENT

PT-PK100-TXWP	1 x Wallplate HDBaseT Transmitter, 1x White Face-Plate
PT-PK100-RX	1 x HDBaseT Receiver, 2x Mounting Ears+Screws, 4x Rubber Feet, 1x 4-pin Terminal, 3 x 3-pin Terminal, 1x 2-pin Terminal, 1x IR Emitter, 1x USB Cable, 1x 24V PSU
PT-PK100-BCWP	1 x Control Panel, 1x User Manual

