

ARCHITECTURAL SPECIFICATIONS
DXLink Multi-Format Wallplate Transmitter
AVB-WP-TX-MULTI-DXLINK – FG1010-320

DESIGN

- Use the HDMI DXLink Wallplate Transmitters (WP-TX) with the Enova DGX Matrix Switcher to send HDMI and control signals to a remote display across the room, on the other side of the house, or to a classroom down the hall
- HDMI WP-TX shall send HDMI/HDCP, control, Ethernet, and power, embedded audio, and supplemented audio up to 100 meters over a single standard twisted pair cable. HDMI WP-TX device that does not send HDMI/HDCP, control, Ethernet, audio, and power up to 100 meters over a single standard twisted pair cable shall not be accepted
- HDMI WP-TX shall support the transmission of audio, video, control, Ethernet, and power over one (1) twisted pair cable. HDMI WP-TX device that does not support transmission over one twisted pair cable shall not be accepted
- HDMI WP-TX shall include one (1) HDMI In port. HDMI WP-TX device that does not include one (1) HDMI In port shall not be accepted
- HDMI WP-TX shall include one (1) Stereo Audio In port. HDMI WP-TX device that does not include one Stereo Audio In port shall not be accepted
- HDMI WP-TX shall include one (1) Multi-Format Analog In port. HDMI WP-TX device that does not include one Multi-Format Analog In port shall not be accepted
- HDMI WP-TX shall support one (1) Host PC USB port for use with keyboard or mouse. HDMI WP-TX device that does not support one Host PC USB port shall not be accepted
- HDMI WP-TX shall support optional power, remotely powered from Enova DGX. HDMI WP-TX device that does not support optional power shall not be accepted
- HDMI WP-TX shall support pass through video formats including 3D and Deep Color. HDMI WP-TX device that does not support pass through video formats including 3D and Deep Color shall not be accepted
- HDMI WP-TX shall support Surround Sound including HTS-HD and Dolby TrueHD. HDMI WP-TX device that does not support Surround Sound including HTS-HD and Dolby TrueHD shall not be accepted

TECHNICAL SPECIFICATIONS

- Video Connector:
 - HDMI
- Audio Connectors:
 - C
 - Y/c
 - Y/PB/PR
 - RGB
 - RGBHV
 - RGBS
- Video:
 - HDMI
 - DVI Display Port
- Audio:
 - Dolby TrueHD
 - Dolby Digital
 - DTS HD Master Audio
 - DTS
 - L-PCM
 - Analog Stereo
- Integrated Technology:
 - DXLink Twisted Pair Distribution
 - Power over DXLink
 - Embedded Ethernet Distribution
 - HDCP Compliance