Multi-Function AV
Intelligent Education System

HDMI 1.4   **HDCP 2.2**   **7.1 CH**   **4K**

Features

- HDMI 1.4b, HDCP 2.2 and HDCP 1.4 compliant.
- Video resolutions up to 4K2K@30Hz, 1080p@120Hz and 1080P 3D@60Hz.
- Audio up to 7.1 channels of High Definition audio pass through (LPCM, Dolby TrueHD, and DTS-HD Master Audio).
- HDBaseT™ over a single CAT5e/6/7 cable up to 230ft/70m distance.
- Support multi-VESA Standard VGA formats input.
- Supports MIC input.
- 2x30watts@4 ohms amplifier output.
- Supports interactive display USB pass-through.
- Supports Web GUI control.
- Supports control panel volume control and system control.
- Supports relay control.
- Supports RS-232 control.

Transmitter Panel

Receiver

Control Panel

4K & Relay Control

Support the highest 4K resolution ultra - clear display,
Supports relay control, control projector screen rise and fall.

Transmitter Rear Panel

Transmitter Front Panel

4K

Notebook

HDBaseT OUT
RS-232 /
POWER
24VDC

VGA
LINK   HDCP

VGA IN

SOURCE

AUDIO IN

HDMI 1   HDMI 2

HDMI1   HDMI N2

CAT5e/6a Cable

HDMI IN

Receiver

2x30W@4Ω

DC 24V

TCP/IP   HDBaseT IN   HDMI OUT   USB DEVICE   RS-232   RELAY   AUDIO OUT   MIC IN
                                                 TX   RX   1 2 C   L   R   MIC LINE   + +

HDMI OUT

RS-232

Relay Control

4K Projector

Projected onto the screen

Projector Screen 4K Supported

Audio Amplifier

2x30watts@4 ohms amplifieroutput,
The sound quality has improved tremendously.

USB Plug And Play

Supports interactive display

Interactive Display

USB

TCP/IP   HDBaseT IN   HDMI OUT   USB DEVICE   RS-232   RELAY   AUDIO OUT   MIC IN   2x30W@4Ω   DC 24V

TX ↓ RX   1 2 C   L ↓ R   MIC LINE   + ↓ -   - + - +   ⊖-⊙-⊕
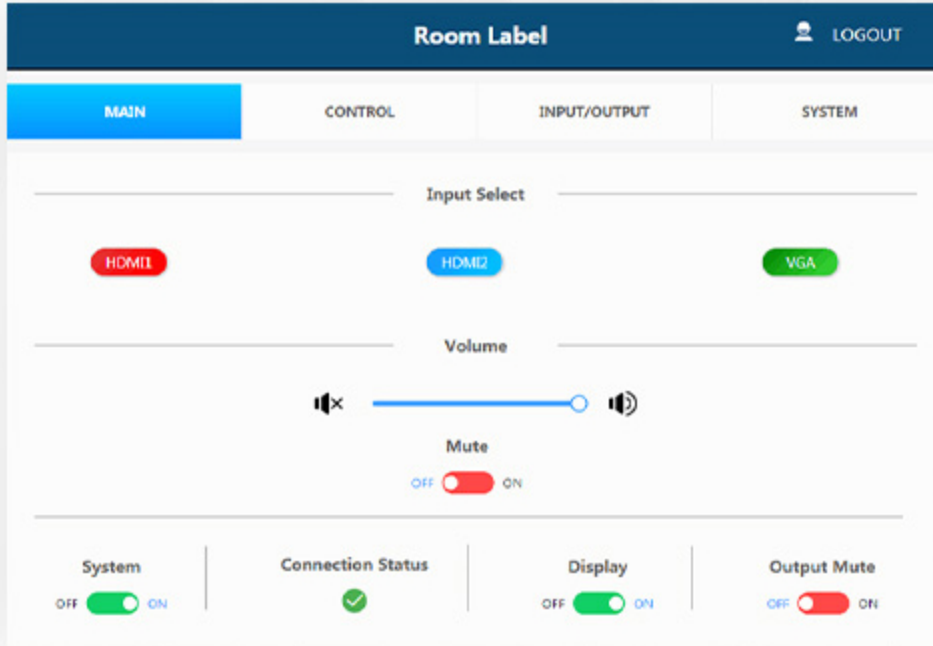
Receiver

MIC Input

Supports MIC input,
with lossless audio feedback

Control Mode

Supports Web GUI control & panel control,
User friendly controls.

Web GUI Control

Panel Control

Application Diagram

Control Panel

RS-232 + Power

CAT5e/6a Cable

Transmitter

Notebook

Notebook

Smart Board

Wireless Mic

Power Supply

Receiver

TCP/IP

Notebook

Projector

Projector Screen

Speaker