



# UHD-EXB350EAU-K

4K KVM Extender up to 330 feet - With ARC/eARC Audio Extraction, Bi-directional IR, PoC & RS-232

### DIMENSIONS & WEIGHT:

#### Transmitter:

Length: 170mm/6.69in Width: 102mm/4.01in  
Height: 22mm/0.87in Weight: 425g/14.99oz

#### Receiver:

Length: 170mm/6.69in Width: 102mm/4.01in  
Height: 22mm/0.87in Weight: 437g/15.42oz

The **UHD-EXB350EAU-K** is an HDBaseT 3.0 extender with KVM support, & resolutions up to 4K@60Hz. Compliant with HDMI 2.0b, HDCP 2.2, HDBaseT 3.0, and USB 2.0 standards. Signal transmission distance up to 330 feet over a CAT6 cable. Features bi-directional KVM functionality. It extracts audio from the source or an ARC/eARC TV via HDMI, S/PDIF, and L/R ports, supporting reverse transmission(receiver to transmitter). Bi-directional IR and RS-232, 1GB Ethernet passthrough, and bi-directional Power over Cable, requiring one power adapter. Perfect for commercial and personal use.

**PACKAGE CONTENTS:** 1x Transmitter, 1x Receiver, 1x IR Blaster cable, 1x IR Receiver cable, 2x 3-pin Phoenix Connectors, 4x Mounting Ears, 8x Machine Screws 1x Power Adapter, User Manual

### KEY FEATURES:

- HDMI 2.0b, HDCP 2.2 and HDBaseT 3.0 compliant
- Video resolutions up to 4K@60Hz
- 18Gbps video bandwidth
- Send media up to 328ft/100 meters via a CAT 6/7 cable
- HDR10+, Dolby Vision and HLG support
- ARC/eARC support. Extract audio from the TV at the Receiver to an eARC Soundbar or AVR at the Transmitter.
- HDMI OUT on the Transmitter can switch to an Audio Only output for AVRs
- SPDIF and L/R audio outputs for audio extraction
- Audio formats like LPCM, Dolby Digital/Plus, Dolby True HD, DTS High Res, DTS-HD Master Audio, DSD supported through HDMI
- Bi-directional KVM (USB2.0) allows you to control a PC from either end
- Bi-directional IR and RS-232
- Power over cable support; only requires power adapter at single end
- Extra ethernet ports for internet access

## SPECIFICATIONS

### CONNECTIVITY:

#### Transmitter:

|          |                                      |
|----------|--------------------------------------|
| INPUT:   | 1 × HDMI [Type A, 19-pin female]     |
| OUTPUT:  | 1 × HDMI [Type A, 19-pin female]     |
|          | 1 × HDBaseT [RJ45, 8-pin female]     |
|          | 1 × L/R [3.5mm Stereo Mini-jack]     |
|          | 1 × Optical [S/PDIF]                 |
| CONTROL: | 1 × IR IN [3.5mm Stereo Mini-jack]   |
|          | 1 × IR OUT [3.5mm Stereo Mini-jack]  |
|          | 1 × RS-232 [3-pin phoenix connector] |
|          | 1 × USB HOST [USB Type B]            |
|          | 2 × USB 2.0 [USB Type A]             |
|          | 1 × LAN [RJ45, 8-pin female]         |
|          | 1 × SERVICE [Micro USB, Update port] |

#### Receiver:

|          |                                      |
|----------|--------------------------------------|
| INPUT:   | 1 × HDBaseT [RJ45, 8-pin female]     |
|          | 1 × Optical [S/PDIF]                 |
| OUTPUT:  | 1 × HDMI [Type A, 19-pin female]     |
|          | 1 × L/R [3.5mm Stereo Mini-jack]     |
| CONTROL: | 1 × IR IN [3.5mm Stereo Mini-jack]   |
|          | 1 × IR OUT [3.5mm Stereo Mini-jack]  |
|          | 1 × RS-232 [3-pin phoenix connector] |
|          | 1 × USB HOST [USB Type B]            |
|          | 2 × USB 2.0 [USB Type A]             |
|          | 1 × SERVICE [Micro USB, Update port] |
|          | 1 × LAN [RJ45, 8-pin female]         |

### COMPLIANCES:

|                 |             |
|-----------------|-------------|
| HDMI Compliance | : HDMI 2.0b |
| HDCP Compliance | : HDCP 2.2  |

### SUPPORTED CAT CABLES:

|                   |                                                                                                   |
|-------------------|---------------------------------------------------------------------------------------------------|
| CAT5e, CAT6, CAT7 | : We recommend you to use shielded CAT6 cables & High-Quality HDMI Cables for optimum performance |
|-------------------|---------------------------------------------------------------------------------------------------|

### EXTENDING DISTANCE:

|         |                  |
|---------|------------------|
| 4K@60Hz | : Up to 330 Feet |
|---------|------------------|

### RJ-45 CONNECTOR TYPE

|                             |
|-----------------------------|
| Standard RJ-45 8-pin Female |
|-----------------------------|

### VIDEO OUTPUT:

|                   |                 |
|-------------------|-----------------|
| Video Bandwidth   | : 18Gbps        |
| Video Resolutions | : Up to 4K@60Hz |

### ADDITIONAL FEATURES

|                    |       |
|--------------------|-------|
| CEC Function       | : No  |
| ARC Function       | : Yes |
| USB KVM Function   | : Yes |
| PoC/PoE Function   | : Yes |
| IR Control         | : Yes |
| Downmix Function   | : No  |
| Downscale Function | : No  |
| Over IP Function   | : No  |
| HDBaseT Function   | : Yes |
| RS-232 Function    | : Yes |

### LOOP-OUT/LOCAL PORT:

|                          |       |
|--------------------------|-------|
| Has loop out port        | : Yes |
| Number of Loop out ports | : 1   |

### AUDIO SUPPORT:

|                       |                                                                                                              |
|-----------------------|--------------------------------------------------------------------------------------------------------------|
| HDMI Audio Formats    | : LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD |
| Optical Audio Formats | : LPCM2.0, AC3 5.1, DTS 5.1                                                                                  |
| Analog Audio Formats  | : PCM 2.0                                                                                                    |

### POWER:

|                   |                                                  |
|-------------------|--------------------------------------------------|
| Power Consumption | : 15.36W (Max)                                   |
| Power Supply:     | Input: AC 100-240V 50/60Hz<br>Output : DC 24V/1A |



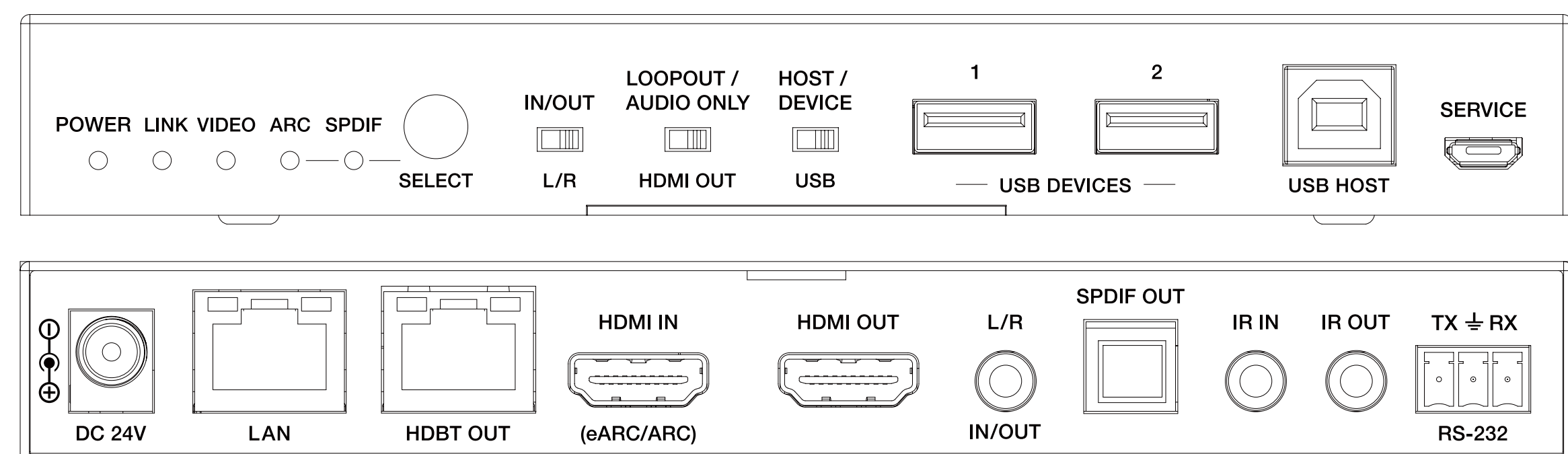
OVER 10 YEARS  
EXPERIENCE



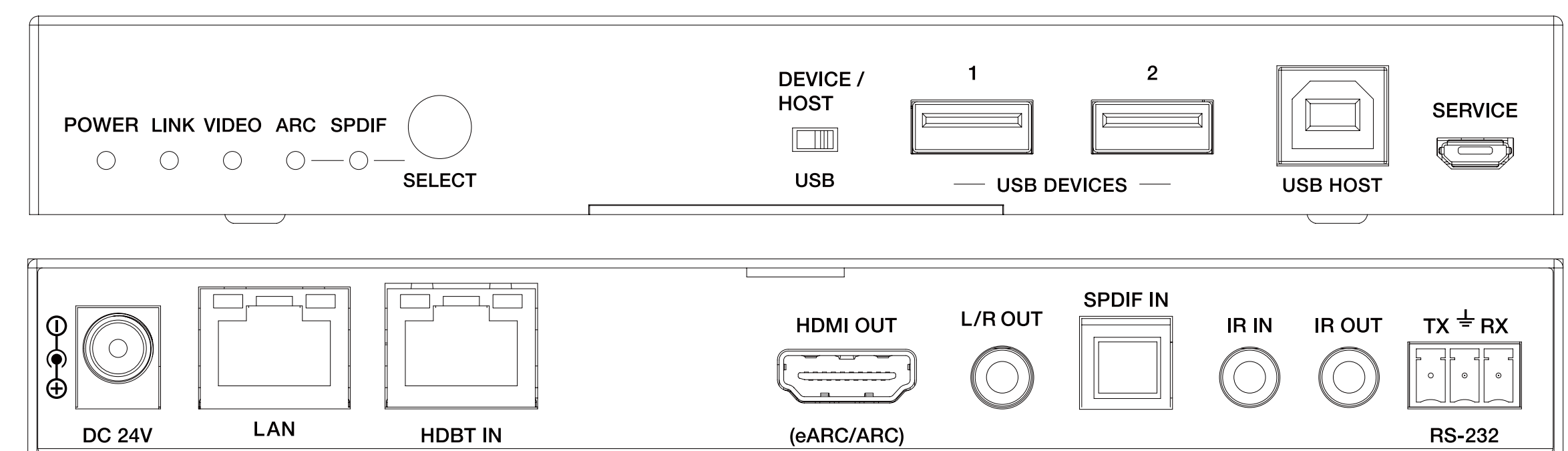
FULL 1 YEAR  
LIMITED WARRANTY



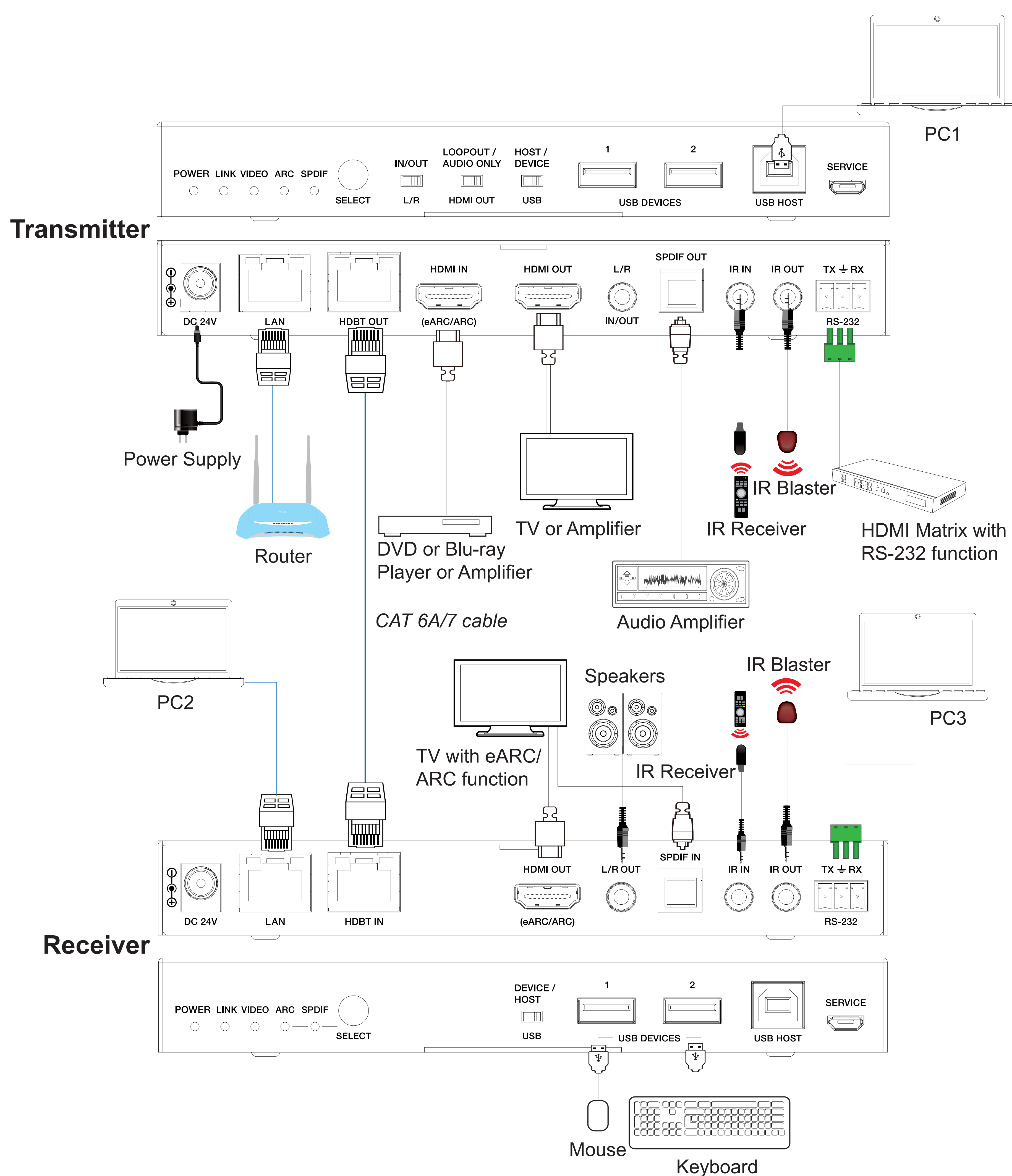
# CONNECTION DIAGRAM



**Transmitter**



**Receiver**



OVER 10 YEARS  
EXPERIENCE

