

USB EXTENDERS

Extending Connectivity Beyond the Limits of Standard USB

As modern AV systems continue to evolve, USB connectivity has become a critical part of collaboration, conferencing, and interactive applications. Cameras, microphones, touch displays, video bars, storage devices, and conferencing peripherals all rely on USB communication, but standard USB cables were never designed to support the distances required in real-world AV applications.



USB extenders solve this problem.

By converting USB transmission into formats capable of traveling over category cabling and other transport methods, USB extenders enable reliable long-distance connectivity while maintaining device performance and user experience.



In modern AV systems, USB extenders allow integrators to:

- Extend USB devices far beyond standard cable limitations
- Support conferencing and collaboration technologies
- Centralize equipment for cleaner installations
- Enable touch, camera, and peripheral connectivity across distance
- Simplify modern BYOD and hybrid meeting applications

Whether supporting simple device extension or advanced multi-function collaboration systems, USB extenders form a critical part of modern AV infrastructure.

USB EXTENDERS

Why USB Extenders Matter

USB is no longer just a peripheral connection.

It has become the backbone of conferencing, collaboration, and interactive AV systems.

Without reliable extension, system flexibility, room design, and device placement become severely limited.

USB extenders provide:

- Reliable long-distance USB connectivity
- Support for modern conferencing peripherals
- Flexible room and infrastructure design
- Simplified integration across collaborative environments

They extend far more than USB signals.

They extend how people interact with modern AV systems.

USB Extender Categories

Different USB applications require different levels of bandwidth, device support, and infrastructure capability. ProITAV offers USB extension solutions designed to support a wide range of conferencing, collaboration, and professional AV environments.

USB 2.x

USB 2.x Extenders

Designed for reliable extension of common USB peripherals including:

- Keyboards and mice
- Touch displays
- Microphones and audio devices
- Supports Cameras and Video Bars

USB 2.0 solutions provide cost-effective connectivity for applications where high-bandwidth USB transport is not required.

USB 3.x

USB 3.x Extenders

Built for modern collaboration environments requiring high-speed USB transport and advanced device integration. Ideal for supporting:

- USB cameras and video bars
- High-speed storage and peripherals
- Hybrid meeting and BYOD environments
- Multi-function conferencing systems

Advanced USB 3.x platforms can support:

- USB 3.2 data rates up to 5Gbps
- Dual 4K video transmission
- Ethernet connectivity
- Power Delivery charging
- Integrated USB-C workflows

These solutions help simplify modern conference room infrastructure while reducing cabling complexity.

Designed for Modern Collaboration

As conferencing and collaboration technologies continue to evolve, USB extension has become essential to modern AV system design.

ProITAV works with brands and distributors to deliver USB extension platforms that support scalable, real-world collaboration environments across commercial and residential applications.

ProITAV works with brands and distributors to deliver solutions designed for performance, reliability, and real-world deployment.

USB EXTENDERS

USB Extender Products

*BALUN USB EXTENDERS***FU2Ex-200-000 & FU2Ex-201-000**

USB 2.0 60/80m Extender Kit - 480Mbps, USB-B Host to (x4) USB-A Device, 1-Way PoC

FU2Ex-103W-000 & FU2Ex-104-000

USB 2.0 60/80m Extender Kit with Wallplate - 480mbps USB-B Host to (x4) USB-A Device, 1-Way PoC

*HDBaseT USB3 SERIES***FU3Ex-100-000 & FU3Ex-101-000**

HDBaseT-USB3 100m Extender Kit - 5Gbps, USB-B Host, (x4) USB-A Device, RS232

FU3Ex-200-000 & FU3Ex-201-000

HDBaseT-USB3 100m Extender Kit - 5Gbps, USB-B Host, (x4) USB-A Device, RS232, 2-Way PoH+

FU3EX-202-000 & FU3EX-203-000

HDBaseT-USB3 100m Extender Kit - 5Gbps, USBC Host, (x3) USB-A + USB-C Device, RS232, 2-Way PoH+

FU3EX-204W-000

HDBaseT-USB3 100m Extender TX Wallplate - 5Gbps, (x3) USB-B Host, RS232, 1-Way PoH+

FU3EX-205W-000

HDBaseT-USB3 100m Extender RX Wallplate - 5Gbps, (x3) USB-A + USBC Device, RS232, 1-Way PoH+

FU3EX-206W-000

HDBaseT-USB3 100m Extender TX Wallplate - 5Gbps, USBC Host, RS232, 1-Way PoH+

FU3EX-401-000

HDBaseT-USB3 100m Extender RX with DisplayLink - (x2) HDMI, (x2) USB-A + USB-C Device, Audio, Ethernet, RS232, 2-Wat PoH+

FU3EX-208-000

HDBaseT-USB3 100m Extender TX - Switchable USB-C + USB-B Host, (x2) USB-A Device, USB-C Device, RS232, 1-Way PoH+



**Want to plan your
next extender lineup?**

Reach out by phone or email to discuss platform options, request a quote, or get support in aligning solutions with your brand and market needs.