

Announce Booth and FOH Audio System



The Adder II BoothPak™ is Your Complete Audio/Intercom/Data Solution

Telecast's Adder 162 has been the most widely used announce booth and front of house (FOH) stage snake since its inception nearly ten years ago.

Introducing the new, state of the art Adder II BoothPak featuring a new, scaleable design and even better performance.

With up to 32 channels of bi-directional audio, 4 intercom module slots providing up to eight intercoms, expanded data and GPI capabilities, improved signal-to-noise, remote gains and phantom power control, and industry leading latency specs, this new Adder is an audio workhorse.

Customized to Fit your Need

This new Adder is built from the ground up with 1RU frames that interface to a common backplane. You buy only the parts that you need. Analog and AES TX and RX frames can be combined with Intercom and Data frames to create an audio system that is perfectly suited to your particular application. Whether you need 32 x 32 analog audio or 32 analog to 16 AES signals in just one direction, with or without intercoms and data, the BoothPak gives you maximum flexibility.

Analog & Digital Conversion

Analog modules come in rows of 16 while AES modules are in rows of 8 or 16. In this way, an AES TX can interface to an analog RX, thus bypassing the need for expensive D-A and A-D converters. And with ultra-low latency, delay is never an issue.

Convenience and Control

Analog TX modules feature mic preamps that allow 40 dB of gain adjustments plus 12/48V phantom power via a convenient switch and LED display. The BoothPak can be optionally equipped for remote control of these functions. And with better than 25dB of optical dynamic range, this Adder can operate across the theater or across town.

The BoothPak can operate on one or two fibers or two coaxial cables. Its dual redundant TX and RX are at different wavelengths to facilitate easy WDM single-fiber operation. GPI's are via convenient binder-posts, and data offerings include RS-485 for use with matrix intercom keypanels. The signal analyzer features an LED bar graph, and the generator has three tone frequencies and three levels.

The new Adder BoothPak is the answer to all of your audio transport needs.

Features

- *Multichannel, multi-format*
- *Analog mic/line audio*
- *AES audio*
- *4 Intercom: RTS, Clear-Com, 4-Wire*
- *4 Data: 232, 422, 485 & 4 GPI*
- *Integrated signal generator/analyzer*
- *Pristine 24-bit encoded audio*
- *100+ dB s/n mic/line audio*
- *THD: 0.02 - 0.1%*
- *Ultra-low latency: 500 µsec*
- *Redundant TX/RX optics and power*
- *Optional remote mic gains and phantom*
- *Link with fiber or coax*
- *Shop re-configurable*
- *Teleport compatible*
- *-10°C to +50°C Operation*
- *Designed for Lead Free*
- *Diamondback Compatible*

Benefits

- *Quick and easy set-ups*
- *Increased reliability*
- *Noise-free, electrically isolating*
- *Long distance*
- *Broadcast quality at any range*

Applications

- *Stadiums and Arenas*
- *Mobile Trucks (OB's)*
- *Pro Audio/FOH*
- *Convention facilities*
- *Campus Facilities*
- *Broadcast Centers/Studios*
- *Government, Military & Security*