

# CONNECTING 100'S OF CHANNELS OF

ANALOG, DIGITAL, AUDIO, WORLDCLOCK AND CONTROL  
ON A SINGLE CABLE AT THE  
SPEED OF LIGHT



FIBER OPTIC  
STUDIO CONNECTING  
AUDIO ROUTERS

**I/O NE**  
CONNECTS

# Getting you the true sound benefits of your digital equipment plus...

## Flexibility

- Any source can be quickly and easily routed to any one or more destinations!
- Analog and digital sources can be sent out to either analog and/or digital outputs. Ideal for use with digital consoles/gear.
- Equipment changes are no longer a problem, **NO NEED TO REWIRE!** Route/re-route/distribute audio from any location to where you want it, even while in use - no audio breakup.

## Easy and fast setup

- No switches, simply connect the units to one another in any way you want (daisy chain, star, ring or combinations of)
- **NO** complex IP addresses or web browser setup.
- Fiber is lightweight, installs easily – no need for costly support, wiring ladders.

## Wordclock distribution

- Synch all digital devices to a single wordclock and avoid re-clocking (for a better sound!).
- The master wordclock can either be a house clock, one of the I/ONE units or another device.
- **NO EXTRA WIRING** required!

## Lowest latency

- Bus latency of 0.35 ms - regardless of the number of devices connected.
- Analog in to Analog out <1,5ms

## Replaces the need for:

- Routers
- Format converters  
Analog <> AES <> ADAT
- Level converter  
Pro <> Consumer or AES <> S/PDIF
- Switchers
- Splitters
- Distribution amplifiers

## Fewer interconnects mean:

- Better analog and digital sound
- Lower costs
- Fewer points of failure
- Faster installations

## Security

- Each I/ONE Networked Audio Router unit restores/remembers its connections so that in the event of a power failure, when it comes back online, the unit reconnects instantly.
- Installing a ring topology, units will automatically reroute the audio in the event of a cable break.

## Saves you time and money with faster

- Planning
- Installation
- Servicing
- Troubleshooting



## Comes complete in space saving 1U unit:

- Analog: 16\* balanced inputs AND outputs (-4, +10)
- Digital: 4\*\* stereo inputs AND outputs (AES, S/PDIF)
- ADAT: 8\*\*\* channels in AND out
- Serial data: RS-232
- Wordclock: in AND out
- Fiber optic port
- 32, 44, 48, 88, 96, 172 and 192k sampling

\*12 @ 192k    \*\*3 @ 192k    \*\*\*4 @96k

**I/ONE**  
CONNECTS

4701 Altamesa Blvd 2E  
Fort Worth, Texas 76133  
USA  
817-371-7033

[www.IONECONNECTS.COM](http://www.IONECONNECTS.COM)