

CHALLENGED BY DIGITAL?



DGL 48/16/24

- My Existing Analog Gear?
- Ethernet - Which one?
- Drive Signals?
- Com Lines?
- All of the Above

...One connection!





Why DGLink



The Digital Challenges in Today's Touring Environment

Connectivity for a professional touring audio system has become more complex than ever. Most production companies have a significant investment in their existing analog equipment and are receiving requests to provide the newer digital technologies as part of the complete tour package. In the new world of digital, there are many different audio system transport, control, and monitoring protocols that must be understood. Today's manufacturers of professional touring equipment have leveraged a multitude of protocols that in most cases, do not integrate directly with each other.

Multiple Signals

Although transporting audio via a digital protocol is one component to be addressed, there are many other signals that must be distributed in a typical touring rig. Below is a list of a few examples:

- ▶ Channel Inputs to one or multiple analog/digital mixing/recording consoles or house monitoring systems
- ▶ Digital/Analog mixing console outputs that drive one or multiple speaker or recording systems
- ▶ Signals for headset communication systems
- ▶ Remote control and monitoring of one or multiple mixing consoles and outboard processors
- ▶ Remote control and monitoring of multiple DSP's, amplifiers and/or powered speakers
- ▶ Remote control and monitoring of wireless systems
- ▶ Multi signal audio transport for in ear monitoring systems
- ▶ Remote control and monitoring of inclinometers and load points

Set-up

Reducing the time for set-up and act changeover is more time critical than ever. Even though the complexity level for connecting a system has increased substantially, a production company is more reliant than ever on local crews to unload, install, and pack their equipment.

Why choose the DGLink Audio Distribution System?

DGLink is a modular hybrid audio distribution system that strives to address the unique and dynamic challenges a production company faces in today's digital world. Due to our complete control over the designs of the cable, connectors, and circuitry, Link is well positioned to transport the mixture of analogue, digital, and power signals now typical of many new systems.

- ▶ DGLink provides the transport and distribution of analog and digital audio while facilitating additional communications, control, and monitoring signals
- ▶ The DGLink architecture is modular so it can be configured to best suit the current needs and still be extensible for the future
- ▶ DGLink can support two simultaneous digital transport protocols
- ▶ DGLink leverages Link's hybrid cables and connectors to provide a single touring grade cable and connection point between the front of house and the stage deck
- ▶ All of DGLink's interconnection cables are designed to be flexible, easy to handle and endure adverse touring conditions
- ▶ DGLink can be easily configured to integrate with pre-existing conventional stage boxes, sub snakes and splitters. This protects a company's core investment in analog consoles and distribution systems.
- ▶ DGLink can provide direct or transformer isolated analog inputs for conventional monitor and broadcast consoles
- ▶ DGLink can help a production company get the most out of a console with internal and remote preamps by providing a single snake with both analog and digital pairs
- ▶ The DGLink digital convertor modules support up to 64 bidirectional channels of AD and DA
- ▶ The DGLink AES-EBU drive module reclocks, rebuffers, splits, and distributes 12 channels of AES-EBU digital audio throughout multiple amplifier racks
- ▶ The DGLink system supports splitting and distributing can-bus protocols for remote monitoring and control
- ▶ DGLink provides an additional Category 6 connection for in ear monitoring or remote control of amplifiers and remote DSP's
- ▶ The DGLink multi-core cabling and connector products provide specific solutions for connecting Digico, Digidesign, Midas, Soundcraft, Studer and Yamaha mixing consoles.



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