



MultiDyne Video & Fiber Optic Systems

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**MULTIDYNE INTRODUCES COMMS-2000 TWO WIRE TO FOUR WIRE INTERCOM
INTERFACE AT INFOCOMM 2009**

Clear-Com[®] and RTS[®] Two- To- Four Wire Intercom Bridge

ORLANDO, FL, JUNE 17, 2009 – MultiDyne Video & Fiber Optic Systems, a premier provider of fiber optic-based video and audio transport solutions for broadcast and pro A/V applications, introduces the **COMMS-2000** Two Wire to Four Wire Intercom Interface at InfoComm 2009 (Booth 4629).

The COMMS-2000 interface allows for the conversion of a single channel of standard or TW party-line intercom to four-wire audio, while also converting call signals to RS-422 data. It also offers the capability to convert the signal back to its original form. The resulting audio and RS-422 data from the COMMS-2000 can then be sent to a Clear-Com Matrix port, fiber optic converter such as the MultiDyne Fiber-Comms or connected to another COMMS-2000 over twisted-pair cable such as CAT-5E. With its excellent hybrid null, offering superior isolation between sender and caller audio, and wide-range level controls, the COMMS-2000 may also be used as a high-quality stand-alone two-to-four-wire converter. It is also a cost-effective integrated component for the LiGHTBoX™ field portable fiber optic transport system.

Ideal for touring situations, the COMMS-2000 offers a lightweight, compact size in a design that does not call for an additional power source, as the COMMS-2000 obtains its DC operating current through the party-line connection on pin two of its XLR connector. Long copper cable runs are no longer required as the COMMS-2000 utilizes lightweight UTP cables. When used with a Clear-Com Matrix system, the COMMS-2000 allows a party-line channel to be connected to the Matrix frame with up to 5000 feet of cable. The COMMS-2000 can easily be rack-mounted, with up to three units fitting across a standard 1-RU rack space.

For systems where only one or two party-line channels are needed, the COMMS-2000 is ideal. Simply run UTP cable from the Matrix frame to the COMMS-2000, which is connected to and

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powered by the party-line system. A rear panel dip-switch on the COMMS-2000 allows the four-wire audio and RS-422 data to be connected to the RJ-45 jack, instead of an all-inclusive, hardwired DB-15 connector, simplifying set-up.

“When combined with our new Fiber-Comms four wire optical extender for intercom and IFB, the COMMS-2000 becomes a vital component to our user’s intercom-over-fiber transport needs,” says Jim Jachetta, senior vice president of engineering and product development. “With more and more broadcast and AV setups incorporating intercom communications equipment, the COMMS-2000 allows for intercom connectivity through a standard analog audio fiber optic link.”

In addition to its acting as a visual indicator, when used with two COMMS-2000 units, the call signaling function can be used to trigger relays or functions in other intercom equipment. An amber data LED provides the user with continuous status on the data link between two COMMS-2000 units and will indicate whether or not a proper link has been established. The COMMS-2000 also includes internal jumpers to select different baud rates for the RS-422 data.

About MultiDyne:

For more than 30 years, MultiDyne has been a leading provider of innovative and outstanding video and fiber optic-based transport systems for the broadcast, cable, satellite, production, digital cinema, pro A/V, corporate, retail, surveillance, teleconferencing, judicial arraignment, transportation, government, military, and healthcare markets. MultiDyne’s fiber optic transport systems for video, SDI, 3G HD, DVB/ASI, VGA, DVI, HDMI, audio, AES, Ethernet, data, CATV, as well as the company’s other broadcast accessories are used worldwide by such industry leaders as ABC, CBS, NBC, CNN, RAI, BBC and the Department of Transportation. MultiDyne provides a seven-year warranty on its core product line. For more information, call MultiDyne at 1-877-MULTIDYNE or 1-516-671-7278, visit the company’s Web site at www.multidyne.com, or send an e-mail to sales@multidyne.com.

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