

FC-1ETH

RS-232/Ethernet Interface

| GROUP 2 |



The Kramer **FC-1ETH** is a bi-directional, hardware and software interface system to control Kramer RS-232 controllable machines via Ethernet LAN, and if your LAN has a direct connection to the internet, then you may control the machine from anywhere in the world. The system is comprised of an intelligent “dongle” type, bi-directional RS-232/Ethernet CAT5 converter and Kramer control software. The system easily integrates into an existing LAN system, allowing fast and safe IP address definitions, using, among others, a standard TCP/IP protocol. The system also allows using “dummy” CAT5 cables without a real LAN system, and does not require a PC adjacent to the controlled device. Using a typical LAN structure, the **FC-1ETH** allows multi-node operation, having several PCs controlling several machines independently. Dial up and Internet system control is easily achievable by the system for remote monitoring and control, requiring only a dedicated IP address and a modem in the remote location, whether it is a stand alone PC or a LAN system. The Kramer **FC-1ETH** interface also allows the use of wireless, 802.11b standard based LAN systems for control and monitoring.



TECHNICAL SPECIFICATIONS

ETHERNET INTERFACE:	10, 10/100 BaseT Ethernet, RJ-45 connector.
ETHERNET PROTOCOLS:	UDP, TCP/IP, ICMP (ping), ARP.
SERIAL INTERFACE:	RS-232 onDB connector, (Rx, Tx, RTS, CTS, ground), up to 115 kbits/s.
BUFFER SIZE:	255 bytes for each RS-232 to LAN and LAN to RS-232.
POWER SOURCE:	12 VDC, 150 mA.
FEATURES:	Serial and Network programming, Remote control and IP setting, Master & Slave routing mode. Many clients to single data source operation; many data sources to single client operation.
DIMENSIONS:	57mm x 95mm x 30mm (2.2" x 3.7" x 1.2") W, D, H.
WEIGHT:	0.2kg. (0.44 lbs.) approx.
ACCESSORIES:	12 VDC power supply.

TYPICAL APPLICATIONS

- Studio control via Ethernet or Internet dial-up connection.
- Ethernet / RS-232 interface.
- Long distance RS-232 operation and control using CAT 5 type cables.



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