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2-WIRE/4-WIRE Radio Control Console With DTMF Model 17-11008

Application:

The 17-11008 DTMF Radio Control Console provides basic 2-wire or 4-wire voice communication along with DTMF encoding. It is designed to operate on a "0-dBm" line and enables communications between any two points. Local communication can be accomplished with direct "hard wiring" between the intercoms. Long distance communication can be accomplished with standard leased lines, microwave, etc. It can also be incorporated into popular VOIP/ROIP systems.

When the front switch is pressed, the standard radio keying tones are transmitted along with the voice. There is no incoming DTMF decoding ("call-ins") nor outgoing DTMF address storage.

Features:

Modular (RJ45) line connector.
Circuit board jumpers for configuration of several parameters:
> 2-Wire or 4-wire operation
> 600 Ohm or Hi-Z termination
> DC blocking

Automatic level circuits in transmit and receive circuits help keep audio levels constant. ALC can be defeated with jumpers on the circuit board.
Audio power amp with short circuit and over-temperature protection.
Long-life, sealed reed-type talk switches.
TVS Line protection.
Provided with an external power supply; can also be powered with a 12 VDC supply (e.g., "12 V" battery).
Cross mute (ground), Auxiliary PTT Output and PTT foot switch contacts standard.
Choice of microphones: Electret standard, gooseneck or desktop dynamic microphones are options.
.The 4 x 4 DTMF touchpad allows the user to transmit all 16 DTMF digits

Operation:

Operation of the DTMF intercom is simple – to transmit, actuate the talk switch. To call a remote location using DTMF, press the corresponding DTMF digits.

Physical Description:

The 17-11008 Console is built in a rugged enclosure, comprised of a heavy gauge, hard anodized aluminum base and a painted, cold rolled steel top panel. Line, power and auxiliary connections are all made at the back of the intercom. Receive sensitivity, microphone sensitivity and transmit level adjustments are available at the bottom of the intercom. Jumper selections and any further level adjustments are made inside the case.

Specifications:

- Construction: Heavy gauge, hard anodized aluminum base with painted steel upper panel.
- Size: 6 7/8" wide x 4 5/8" tall x 7 5/8" deep.
- Line Type: 2-wire and 4-wire, "0dBm" communication lines.
- Receive Level: -20 to +12 dBm, with ALC knee set at –26dBm.
- Transmit Level: -26 to +3 dBm into 600 Ohms.
- Speaker: 3 1/2 inch, heavy duty with water-resistant cone.
- Audio Output: 1 Watt (Can be factory adjusted to 4 Watts upon request).
- Power Supply: Nominal 12 VDC, current requirement varies with model, 2.1 mm jack with center positive, externally accessible fuse.
- Line Connections: RJ45 connector on back panel.
- Auxiliary connections via pluggable connector accessable from rear of unit. Aux. connections include PTT foot switch, ground cross mute and Aux. Relay contact. Aux. Relay contact is a "Form A" contact, field configurable to provide an isolated closure or a pull-to-ground.
- Available adjustments: Receive Sensitivity, Transmit Level and Microphone Sensitivity.
- Push buttons with reed switches for long life. Switches illuminated with long-lasting LEDs.

Ordering Information:

17-11008 2-Wire/4-Wire Radio Control Console w/DTMF

- To substitute a dynamic microphone on a gooseneck for the standard electret microphone, add "M" to the part number.
- To substitute a desk-style dynamic microphone with a PTT switch, add "D" to the part number.
- To add headset jacks for a "Plantronics-Style" headset using P-10 plug prong, add "H" to the part number.

Example: For a console with a gooseneck microphone and headset jacks, the part number is 17-11008MH

Other optional equipment:

HSX-1010-00 Heavy Duty Foot Switch for Push-to-Talk.

11-16001 Wall-Mount Kit. Includes brackets and hardware to mount your console on a vertical surface.

37-91073 Replacement Power Supply

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