

The Series 3100 Communication System is a modular system designed to allow maximum flexibility and still meet the needs of most headset intercom applications. When voice communications are necessary but loud background noise, isolated locations or distance make it virtually impossible to communicate, our Series 3100 System provides an effective and low cost solution, versatile enough for even complex requirements. In addition, installation is simplified as all system modules are designed for standard electrical outlet box and audio rack mounting.

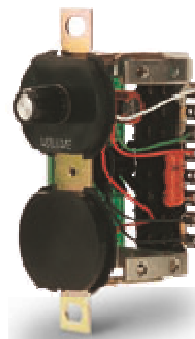
POWER MODULES



M3111 POWER SUPPLY

- System On/Off, Lamp Indicator
- Integrated Circuit Regulation
- Built-in Short Circuit Protection
- Designed for 2 space, 2.75" deep electrical outlet box
- Input: 110/220VAC, 50-60 Hz
- Output: 24 VDC
- Max. Current: 0.5 Amp
- Efficiency: 85%

Consult Technical Note #17209P-86 for more information on M3111

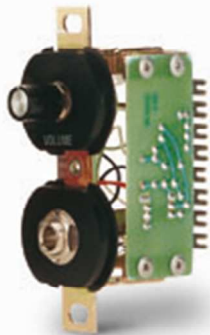


M3131 POWER AMPLIFIER

- Drives up to 32 Headset Stations
- Used also as paging amplifier for up to three 45 ohm speakers
- System volume control
- Designed for one space in 2" deep electrical outlet box
- Input: 80K Ω impedance min.
- Output: 2W @ 24VDC and 16 Ω
- Gain: 32dB

33 for more information on M3131

HEADSET STATIONS



M3141 HEADSET STATION

- Single headset interface
- Headset volume control
- Maximum of 32 each M3141 used in system
- Mic preamplifier
- Compensating resistor must be added to M3131 when using this station
- Designed for 1 space, 1.75" deep electrical outlet box

Consult Technical Note #17206P-71 for more information on M3141



M3442 HEADSET STATION

- Dual headset interface via U3410 or U3411 Belt Stations
- Passive module (mic preamplifiers, headset volume located on Belt Stations)
- M3162 Impedance Control must be present when M3442 used in system
- Designed for 1 space, 1.75" deep electrical outlet box

Consult Technical Note #17205P-84 for more information on M3442

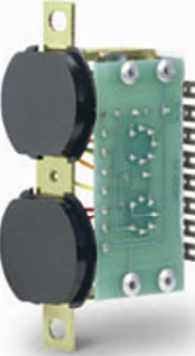
SPECIALTY MODULES



M3162 IMPEDANCE CONTROL

- Rotary switch provides selection between series of fixed resistors
- Optimizes impedance based on number of headset users within intercom system
- Ensures communication clarity and integrity
- Designed for 1 space, 1.75" deep electrical outlet box

Consult Technical Note #17209P-04 for more information on M3162



M3147 BALANCED LINE MODULE

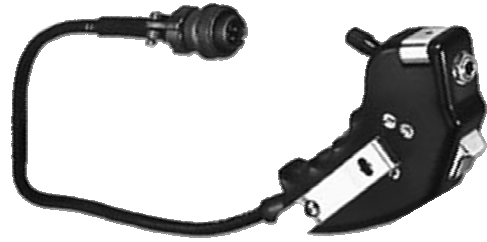
- Interface between system and ancillary equipment such as recording devices and sound sources
- A pair of M3147's can be used increase usable cable run distances or to tie multiple intercom systems together
- Designed for 1 space, 1.75" deep electrical outlet box

Consult Technical Note #19521P-96 for more information on M3147

BELT STATIONS & CORD ASSEMBLIES

U3410 BELT STATION

- Increases headset user mobility, via 12 foot cord extension from headset station (M3442)
- Ergonomic "pistol-grip" enclosure
- Microphone control switch with push-to-talk (momentary) or slide-to-lock ("hot mic") operation
- Microphone preamplifier
- Headset jack
- Headset volume control
- Belt clip



U3411 PAGING BELT STATION

- Same as U3410, but includes push-to-page button, used when speaker stations are interfaced to system

Consult Technical Note #17209P-01 for more information on U3410

C35-15 BELT STATION

- Increases headset user mobility, via 15 foot coil cord extension from headset station (M3141)
- ¼" stereo plug includes locking collar for mating to M3141 headset jack, eliminating accidental disconnect
- Passive assembly (mic preamplifier and volume control on M3141)
- Microphone control switch with push-to-talk (momentary) or slide-to-lock ("hot mic") operation
- Headset jack
- Belt Clip



C36-12 EXTENSION CORD

- 12 foot extension cord with threaded jack and locking ¼" stereo plug.
- Can be used to extend length of C35-15 or Series 3000 headset



Compatible with all Series 3300, 3400 and DC3600 Headsets. For headset information, visit us online at the following link:

<http://www.davidclarkcompany.com/industrial.php>



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