



FEATURES

- *High-performance, full-duplex two-way communications at a modest price*
- *Wide frequency response and high volume*
- *All metal belt pack with belt clip*
- *Compatible with all Clear-Com stations, power supplies, accessories and interfaces*
- *Noise-cancelling mic*
- *Mic switch and volume control*
- *Interconnects with standard mic cable*
- *Permanently attached lightweight noise-isolating headsets*
- *Soft ear cushions and adjustable headbands*
- *UL and SA listed power supply supports up to 30 headset stations*
- *Line and load regulated*
- *Short-circuit protected*

APPLICATIONS

- *Crew communications*
- *Lighting director*
- *Follow spot operator*
- *Theatrical production*
- *Concert sound*
- *Industrial communications*
- *Educational*
- *Audio/Visual*
- *Coach to spotter*

DESCRIPTION

Que-Com intercom systems are a compact, cost-effective, portable solution to many intercommunications needs. The system provides a single channel of hands-free, two-way (full duplex) communications, allowing people throughout a facility to talk with each other and coordinate events on a single party line. It consists of a PK-5 intercom power supply, and a choice of either one-ear (SMQ-1) or two-ear (DMQ-2) headset stations with an integral boom mic, attached to a rugged beltpack housing the electronics. The system is connected together with standard, two-conductor shielded microphone cable.

Que-Com systems are widely used in audio-visual, educational, theatrical, video production, church, and sports applications. The system also works exceptionally well in noisy industrial and concert-sound environments. Que-Com systems are compatible and will work with all other Clear-Com party-line intercom products.

AUDIO QUALITY

Que-Com intercom systems provide clear, intelligible audio quality, allowing the users to give cues and direction, and be able to understand each other, even when the event is loud. The system's wide frequency response is specially contoured for voice, so that conversations are distinct and messages do not have to be repeated. Que-Com systems have low self-noise, so electronic hiss will not interfere with or mask the voices. And its high volume capability, combined with low distortion, allow system users to converse comfortably and intelligibly even when the facility is quite noisy.

INTERCOM ELECTRONICS

The intercom electronics include a microphone pre-amplifier and a headphone amplifier. These circuits are enclosed in a rugged die-cast metal beltpack, with a steel belt clip, providing excellent durability and longevity. A volume control allows the user to maintain a comfortable listening level in any setting. The microphone on/off switch gives users control over when they want to speak to others on the intercom line.

The headset is permanently attached to the beltpack. A cable from the pack attaches the unit to the power supply and the other intercom beltpack/headsets in the system via standard mic cable.

SPECIFICATIONS

SMQ-1 SINGLE-EAR AND DMQ-2 DUAL-EAR INTERCOM

AMPLIFIER TYPE

Solid state, IC amplifiers, current-limited with reverse polarity and short-circuit protection

SIGNAL-TO-NOISE RATIO

65 dB

DISTORTION

<0.5% THD @ 1 kHz

MIC PRE-AMP FREQUENCY RESPONSE

200 Hz - 10 kHz, contoured for enhanced vocal intelligibility

MICROPHONE TYPE

Dynamic, noise-rejecting

HEADPHONE FREQUENCY RESPONSE

200 Hz - 12 kHz

SOUND PRESSURE LEVEL

110 dB SPL max

CONTROLS & CONNECTOR

Mic on/off switch and headphone volume control; cable terminates in female XLR 3-pin connector

POWER REQUIREMENTS

Talk: 10 mA average
Voltage Range: 12-32 VDC

HEADSET WEIGHT

SMQ-1: 8.5 oz (0.24 kg)
DMQ-2: 13 oz. (0.37 kg)

BELTPACK DIMENSIONS:

1" H x 3.5" W x 1.5" D (25 x 89 x 38 mm)

PK-5 POWER SUPPLY

Wall mount AC power adapter with solid state 24 VDC regulated supply. Short circuit, current limiting protection with bi-color LED indicator

OUTPUT CURRENT

400 mA

POWER CONSUMPTION

16 Watts

POWER REQUIREMENTS

105 - 130 VAC, 60 Hz

OUTPUT CONNECTORS

Male, 3-pin XLR: 3

OPERATING TEMPERATURE RANGE

0-70° C (32 -158°F)

DIMENSIONS

Power Supply Splitter Box:
1.9" H x 3.9" W x 5.25" D (48 x 98 x 133 mm)

WEIGHT

1.5 lb (.66 kg)

CABLE LENGTH

6' (from AC adapter to splitter)

All specifications are subject to change without notice.

THE POWER SUPPLY

The PK-5 power supply has the capacity to power up to 30 SMQ-1 or DMQ-2 headsets. It supplies 24 volts DC at .4 amp to the system. The fully regulated, current-limited unit also provides proper termination for the intercom system. The PK-5 features both short-circuit and reverse-polarity protection. The power supply is housed in a rugged metal chassis.

Three separate 3-pin XLR connectors are provided for intercom audio and power output to the headset stations. Use additional Y-type line splitters on these connectors to attach additional headsets to the system.

The PK-5 power supply is UL and CSA listed.

SIMPLE SETUP AND OPERATION

Simply plug the PK-5 into a standard AC power outlet, attach the headset stations to it using standard mic cable, and begin talking. Users adjust the volume levels of their headsets to their personal preferences.

The ideal portable intercom unit, a person can rapidly set up for an event, and easily take it down when done. Que-Com is equally at home in more permanent settings.

