


# SMQ-1 Single-Channel Intercom System

Analog Partyline Intercom Systems



Linking  
People  
Together



SMQ-7

## Key Features and Benefits

- High-performance, full-duplex two-way communications at a modest price
- Wide frequency response and high volume
- 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

Clear-Com Encore® is a 2-wire analog partyline system with intuitive plug-and-play design and superior “Clear-Com Sound.”

## Description

Que-Com intercom systems are a compact, cost-effective, portable solution to many intercommunications needs. It consists of a PK-7 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. Que-Com systems are compatible with all other Clear-Com party-line intercom products.

## Audio Quality

The system's wide frequency response is specially contoured for voice, so that conversations are clear and distinct; and messages do not have to be repeated - even in the presence of ambient noise. Que-Com systems have low self-noise, so electronic hiss will not interfere with or mask the voices. Its high volume capability, combined with low distortion, allow system users to converse comfortably and intelligibly even when the facility is quite noisy.

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## Technical Specifications

### Amplifier Type

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

### Signal-to-noise Ratio

65dB

### Distortion

<0.5% THD @ 1kHz

### Mic Pre-amp Frequency Response

200Hz - 10kHz, contoured for enhanced vocal intelligibility

### Microphone Type

Dynamic, noise-rejecting

### Headphone Frequency Response

200Hz - 12kHz

### Sound Pressure Level

110dB SPL max

### Controls & Connector

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

### Power Requirements

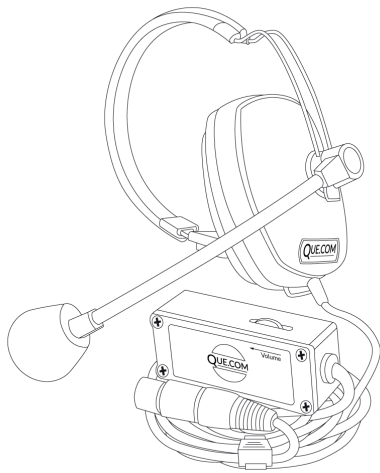
Talk: 10mA average

Voltage Range: 12-32V DC

### Weight

8.5oz (0.24kg)

## SMQ-1



[www.clearcom.com/  
encore-knowledge-center/](http://www.clearcom.com/encore-knowledge-center/)

## Order Code

SMQ-1