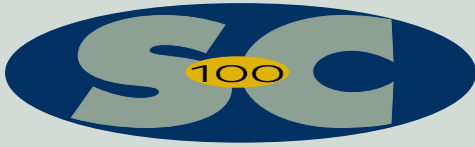


ELECTRONIC TWO-WAY COMMUNICATION Through A Partition



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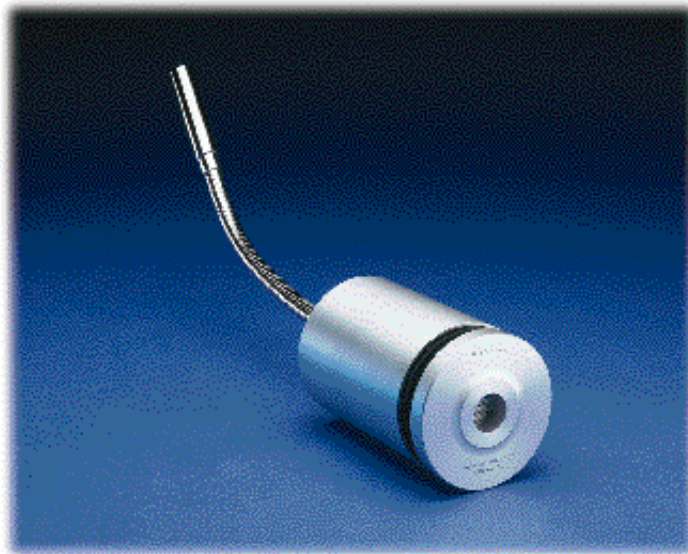
talk-thru communicator is designed to provide clear communications between a partition wherever safety and security is of prime importance.

Made In U.S.A.

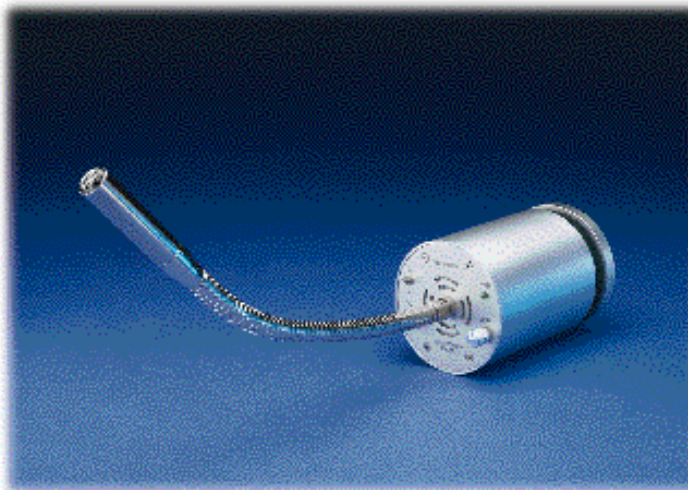
Two-way communication is accomplished through the use of speakers and microphones located on each side of the partition. Housed within a rugged enclosure, the SC-100 provides effective protection while maintaining clear communications.

APPLICATIONS

Detention Facilities, Movie Theaters,
Hospitals, Banks, Subways, Ticket Booths
and other security-sensitive areas



- Rugged Aluminum Construction
- Compact 4.0" diameter Design
- Class II Bullet Resistive Insert *
- Duplex Communication
- Voice Activated Switch
- Background Noise Level Monitoring
- Level Detection and Attenuation Control
- Linear Volume Control



*Based on .357
Magnum loads

Features and
specifications are
subject to change
without notice.

OPTIONS

Headset in lieu of gooseneck microphone and/or AA battery pack for 18-24 hours of rechargeable duty time based on 25% talk-time.



OPERATIONAL SPECIFICATIONS

The SC-100 provides electronic two-way, hands-free audio communications (duplex) between a partition. The inside operator controls the operation by speaking into the gooseneck microphone. The SC-100 unit automatically initiates the "listen" mode when the operator discontinues speaking into the microphone. The SC-100 contains two voice channels, each incorporating a microphone amplifier, VOX switch, compressor, background noise monitor, attenuator controls, level detectors, and a bridge amplifier. The sound amplifier does not exceed a 0.2% total harmonic distortion rating.

CHARACTERISTICS

The SC-100 is four inches in diameter, and equipped with an operator-side gooseneck microphone, power on/off switch, power-on green LED, "talk" volume control and "listen" volume control. The exterior, or customer side, is equipped with a 2 1/4" ferrite, magnet speaker and electret microphone. The speaker and microphone are located so as not to be damaged by tools such as screw drivers and pliers. The SC-100 incorporates a Class II bullet-resistive insert, able to withstand a standard bullet from a .357 Magnum firearm. The SC-100 is constructed of machined aluminum, and finished in silver or black.

INSTALLATION

The SC-100 is easily installed in a partition with either 3.25" or 3.5" cutout. An optional plate is available for 4" cutouts. The exterior plate is assembled to the interior housing via four bolts provided. A barrier thickness must be specified. The interior control plate is then fastened to the housing with four tamper-resistant screws. Gaskets prevent the SC-100 from scratching the surface of the barrier. An AC adapter is supplied for continuous duty. The adaptor steps down 120V AC input to filtered 18V DC output for class II installations.