



The Superlux IS-103a is a complete wired intercom system that serves the production communication needs for video and film, broadcast sporting events, cable access television, houses of worship, event production and educational institutions.

The IS-103 is a one-channel wired intercom system, consisting of a power supply, 2 belt packs, a compact master station, a rack mount kit and 3 intercom headsets.

- Supports up to 10 wired BP101 belt packs
- Light and sound alert
- Excellent intelligibility and sound quality
- Clear-Com® and Telex® compatible

### CS101a Master Station

The CS101 master station provides all the necessary and important intercom functions and connectors in a compact housing of just 1 U height. The CS101's built-in speaker can be switched off or on. An extra line out is available for connecting to an external speaker.

### BP101 Belt Pack

The BP101 belt pack is a portable 1-channel intercom station is powered by the PS101 power supply through the CS101 master station. The integrated belt clip allows for easy attachment. On the rear of the unit, all XLR connectors are easily accessible. The side tone is adjustable. The BP101 features a light and sound alarm. The sound alarm is switchable.

### CS101a & BP101 main station and belt-

Frequency response	20 Hz to 20 kHz
Signal to noise ratio	≥85dB
Connectors	3 and 4 pin XLR
Case	Steel with black finish
Dimensions	CS101: 201.5 x 105.5 x 44 mm BP101: 122 x 85 x 50 mm
Net Weight	CS101: 1100 g BP101: 330 g
Output voltage	-64 dBV/Pa (0.6 mV/Pa) at 1 kHz
Impedance	200 Ω

### PS101a External Power Supply for CS101a

The PS101 power supply powers the CS101a master station and provides power for up to 10 intercom BP101 belt packs.

### HMD685a Single Ear Intercom Headset

The HMD685a headsets are professional intercom headsets with flexible anti-vibration gooseneck boom microphones. They satisfy the requirements of demanding broadcast applications for studio or production.

### Headphones

Transducer principle	Dynamic, closed
Ear coupling	Circumaural
Frequency response	20-20,000 Hz
Impedance	400 Ω
Sensitivity	90 dB SPL at 1 kHz, 1mW
Max. Input Power	100 mW
Caliper pressure	Approx. 4.5N

### Microphone

Transducer principle	Dynamic, noise compensating
Frequency response	50 - 15,000 Hz
Polar Pattern	Cardioid
Output voltage	-64 dBV/Pa (0.6 mV/Pa) at 1 kHz
Impedance	200 Ω

ISO 9001 Certified