

System includes:

- 1 x main station CS101
- 2 x belt-pack BP101
- 1 x power supply PS101
- 3 x headsets HMD685a
- 1 x rack mounting kit RK101



# IS-103

## Intercom Set

The IS-103 is a complete wired intercom system that serves the production communication needs of video and film, broadcast sporting events, cable access television, houses of worship, and educational institutions. The IS-103 is a one-channel wired intercom system, consisting of a power supply, 2 belt packs, a compact main station, a rack mounting kit and 3 intercom headsets. And the system connections are made via standard 3-pin XLR cables.

- Supports up to 4 wired users with BP101
- Light and sound alert
- Excellent intelligibility and sound quality

## CS101 Compact Station with Speaker Function

The speaker station CS101 provides all necessary and important intercom functions and connectors in a compact housing of just 1 U height. The built-in speaker of CS101 can be switched off as a main station. An extra line out for connecting to external active speaker

## BP101 Belt Pack

The belt pack BP101 is a portable 1-channel intercom station and can be connected with CS101 compact station through the power supply PS101. The integrated belt clip allows for easy fixing the unit to clothes. On the rear of the unit all XLR connectors are easily accessible. The side tone is adjustable. The BP101 features light and sound alarm. The sound alarm is switchable.

### CS101 & BP101 main station and belt-pack

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

Note: specifications are subject to change without notice.

## PS101 External Power Supply for CS101

The power supply can power up CS101 loudspeaker station and allow operation of 4 intercom belt packs BP101.

## HMD685a Single Ear Intercom Headset

The HMD685 and HMD685a are professional intercom headsets with flexible anti-vibration gooseneck boom microphones. They apply to requirements of demanding broadcast applications for studio or outside productions.

### 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

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