

CC-110 and CC-220 Headsets

Intercom Accessories

Linking
People
Together



Key Features and Benefits

- High-quality dynamic cardioid microphone
- 20Hz - 20kHz frequency response
- Choice of earpads: leatherette or soft foam (both included)
- Flexible gooseneck microphone positioning
- Boom rotation ON/OFF switch for quick microphone muting
- Interchangeable cabling for easy connector changing and repair
- Fully serviceable headset
- Storage bag included

A versatile premium lightweight range of headsets designed to give excellent audio quality, comfort and ease of use to suit every need.

Description

The CC-110 (single-ear) and CC-220 (double-ear) premium lightweight headsets feature high performance headphones and cardioid dynamic microphones that provide high quality audio.

Operation

The CC-110 and CC-220 headsets can be easily adjusted to accommodate the preference of any user. The microphone boom has a 300° rotation to allow the microphone to be worn on the left or right side of the head. Users can make the headset larger or smaller by using the slide adjusters on either side of the headband. Cushioned with super-soft leatherette or foam padding, the headphones sit on the ear to provide a comfortable fit for users. A rotating, flexible gooseneck is included for optimal positioning.

Integrated Mute Switch Operation

The CC-110 and CC-220 headset microphones can be turned on and off by moving the microphone boom. To turn ON the microphone, pull the boom gently downwards (past the 10 o'clock/2 o'clock position). To turn the microphone OFF, push the boom gently upwards (above the 10 o'clock/2 o'clock position).

Interchangeable Cabling

The CC-110 and CC-220 headsets have been designed so that the cabling and connector type can be adapted quickly to the application. Users can order cables with different XLR connector choices and appropriate pin-outs. To change the connector cable in the field, simply disconnect the cable from the headset and exchange the cable with a standard Phillips screwdriver. The same process can be used to repair and replace a damaged cable on the fly.

CC-110 and CC-220 Headsets

Intercom Accessories

Technical Specifications

Headphone

Type: Closed-back

Driver: 36mm diameter, neodymium magnet, copper-clad aluminum wire voice coil

Frequency Response: 20Hz v- 20kHz

Impedance:

CC-110: 400Ω ±30%; at 1kHz typical

CC-220: 200Ω ±30%; at 1kHz typical

Microphone

Element: Dynamic

Driver: 15mm, neodymium magnet

Polar Pattern: Cardioid

Frequency Response: 250Hz - 20kHz

Impedance:

CC-110: 200Ω ±30%; at 1kHz typical

CC-220: 200Ω ±30%; at 1kHz typical

Power

Maximum: 500mW

Sensitivity

Microphone Open Circuit Sensitivity:

-64dB ±3.5dB; (0dB=1V/1Pa, at 1kHz, typical)

Headphone Sensitivity

CC-110: 99dB ±3dB (SPL) / 1mW, at 1kHz typical

CC-220: 96dB ±3dB (SPL) / 1mW, at 1kHz typical

Connector

Cable: 5ft (1.55m) long with 8-pin connector at headset end; 4-pin Female XLR

Dimensions

Packaging for CC-110 and CC-220:

6.7 x 8 x 3.5in (WxHxD)

(170 x 205 x 90mm)

Weight

CC-110: 5.1oz (145g) without 8-pin cable assembly and M3*18mm SCREW

CC-220: 6.8oz (195g) without 8-pin cable assembly and M3*18mm SCREW

Order Codes

CC-110-X4: Single-ear 4-pin Female XLR

CC-110-X5: Single-ear 5-pin Male XLR

CC-110-X6: Single-ear 6-pin Male XLR (balanced mic)

CC-110-X7: Single-ear 7-pin Female XLR

CC-110-Y5: Single-ear 5-pin Female XLR

CC-110-B6: Single-ear no connector

CC-220-X4: Double-ear 4-pin Female XLR

CC-220-X5: Double-ear 5-pin Male XLR

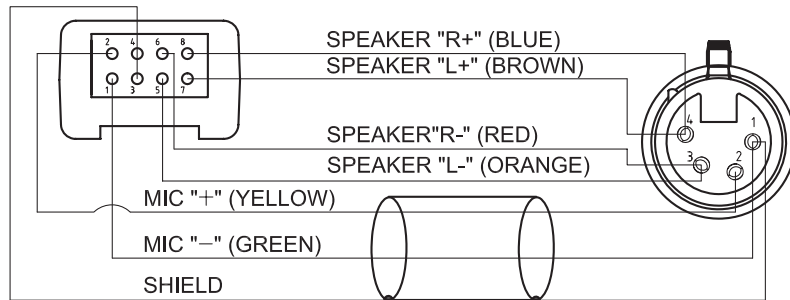
CC-220-X6: Double-ear 6-pin Male XLR (balanced mic)

CC-110-X7: Double-ear 7-pin Female XLR

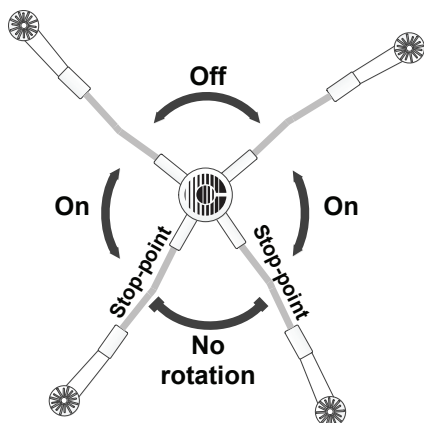
CC-110-Y5: Double-ear 5-pin Female XLR

CC-110-B6: Double-ear no connector

Wiring Diagram for Connector Pin-Outs



Microphone Boom Rotation Switch



Microphone Polar Response

