

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
- 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 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 light-weight 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.

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Technical Specifications

Headphone

Type: Closed-back
Driver: 36mm diameter, neodymium magnet, copper-clad aluminum wire voice coil
Frequency Response: 20Hz v- 20kHz

Microphone

Element: Dynamic
Driver: 15mm, neodymium magnet
Polar Pattern: Cardioid
Frequency Response: 250Hz - 20kHz

Sensitivity

Open Circuit Sensitivity: -64 dB \pm 3.5 dB; at 1kHz, typical
CC-110: 99 dB \pm 3 dB (SPL); at 1kHz typical
CC-220: 96 dB \pm 3 dB (SPL); at 1kHz typical

Power

Maximum: 500mW

Impedance

CC-110 Headphone: 400 ohms \pm 30%; at 1kHz typical
CC-220: 200 ohms \pm 30%; at 1kHz typical
Microphone: 200 ohms \pm 30%; 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 3.5 in (WxHxD)
 (170 x 205 x 90 mm)

Weight

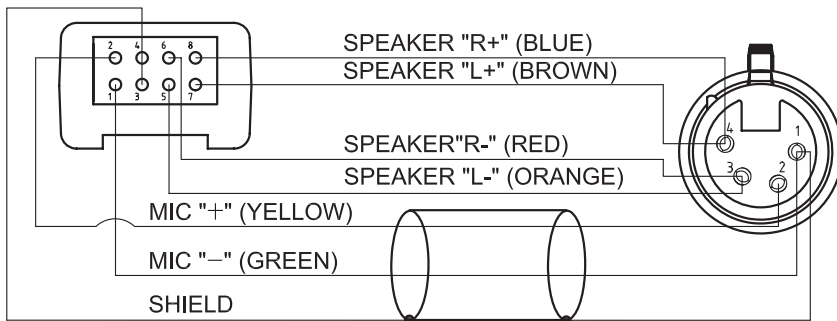
CC-110: 5.1 oz (145g) without 8-pin cable assembly and M3*18mm SCREW
CC-220: 6.8 oz (195g) without 8-pin cable assembly and M3*18mm SCREW

Order Codes

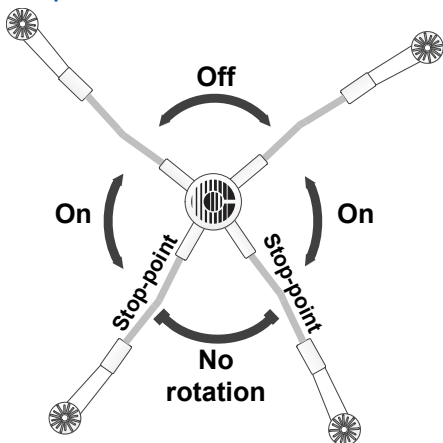
CC-110-X4: Single-ear 4-pin Female XLR
CC-110-X5: Single-ear 5-pin Male XLR
CC-110-X6: Single-ear 6-pin Male XLR (balanced mic)
CC-110-X7: Single-ear 7-pin Female XLR
CC-110-Y5: Single-ear 5-pin Female XLR
CC-110-B6: Single-ear no connector

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

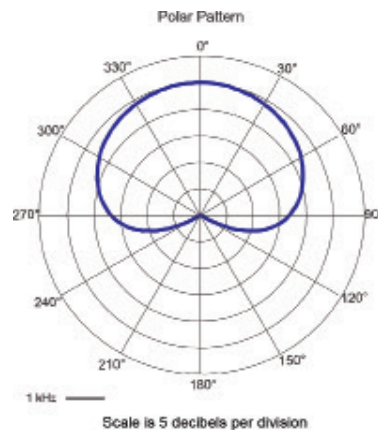
Wiring Diagram for Connector Pin-Outs



Microphone Boom Rotation Switch



Microphone Polar Response



Notice About Specifications

While Clear-Com makes every attempt to maintain the accuracy of the information contained in its product manuals, that information is subject to change without notice. Performance specifications included in this manual are design-center specifications and are included for customer guidance and to facilitate system installation. Actual operating performance may vary.