



CC-26, CC-40, CC-60, CC-250, CC-85, HS-6, PT-4

APPLICATIONS

- *Television/broadcast production*
- *Post-production studios*
- *Live theatre, dance, music performance*
- *Touring/concert communications*
- *Event coordination*
- *Performance lighting*
- *Sportscasting*
- *Industrial/manufacturing communications*
- *Schools and institutions*
- *Training and computer simulation labs*
- *Wireless communications*
- *Aerospace*

DESCRIPTION

Clear-Com offers five models of headsets to meet any production requirement. Choose from single ear or double ear, moderate to high sound isolation, light-weight and unobtrusive to rugged and indestructible, shaped frequency response or high-fidelity full-range response, and switched or unswitched microphone. All feature a moveable-boom, noise-cancelling microphone and a four-pin (optional six-pin for some models) XLR-type connector to mate with Clear-Com or other professional beltpacks and intercom stations.

Two handsets are available to interface with Clear-Com beltpacks and stations. A telephone-style handset allows full duplex communication through the intercom system. A push-to-talk handheld microphone offers an alternate means to talk through speaker stations.

Clear-Com has been the performance leader in production intercom systems for over 25 years, and has learned what characteristics are necessary to communicate effectively in production environments. These headsets and handsets are designed to provide optimal performance with Clear-Com's wired and wireless beltpacks and intercom stations.

Specially shielded cables are used to minimize crosstalk and optimize nulling, whether one is using a handful or many stations in an intercom system. Much attention is paid to durability, using cables with great flex strength and strain relief, with rugged parts and connectors. And the audio response is chosen to provide intelligible communications in the field.

PLpro[®]

PROFESSIONAL INTERCOM PRODUCTS

by Clear-Com

CC-40 and CC-60



- *Completely sealed ear cups for maximum acoustic isolation*
- *Single or double earpieces*
- *High sensitivity*
- *Contoured frequency response for intelligibility in high-SPL environments*
- *Cardioid noise-cancelling microphone*
- *Durable, flexible mic boom arm*
- *Rotatable boom for left- or right-side operation*

MAXIMUM ACOUSTIC ISOLATION FOR HIGH-SPL ENVIRONMENTS

The CC-40 single-ear and CC-60 double-ear headsets offer high sensitivity and a contoured frequency response for maximum intelligibility under high-noise conditions. The vocal range is emphasized so that critical production calls cut through easily. The ear cups are unsurpassed in their ability to isolate the wearer from high-SPL sound fields, making these headsets ideal for rock and roll production and other loud environments.

A completely sealed, rigid plastic outer ear cup blocks external sounds and prevents leakage of headphone output to the outside. A fitted ear cushion creates a comfortable yet soundproof seal over the ear. The double-ear version gives sufficient isolation to maintain understandable communications in an industrial or concert setting.

The noise-cancelling microphone is mounted on a durable yet flexible arm for full adjustment of mic-to-mouth distance. The arm provides 300 degrees of rotation, allowing the microphone to be positioned on the user's left or right side. Acoustic isolation between the microphone and the earpieces yields high gain before feedback.

The CC-40 and CC-60 headsets are ideal for high-SPL concert and industrial communications, where high intelligibility and maximum isolation from external interference are required.

CC-26



- *Weighs less than 2 ounces*
- *Single earpiece*
- *Full-range audio response*
- *Minimal isolation keeps user in full contact with surroundings*
- *Mic boom arm adjustable in length or angle*
- *Rotatable boom for left- or right-side operation*

EXTREMELY LIGHT WEIGHT AND UNOBTRUSIVE APPEARANCE FOR EXTENDED PERIODS OF USE

The CC-26 personal headset is a very low profile, lightweight headset with excellent audio quality and adjustability. Weighing less than 2 ounces, the headset becomes virtually unnoticeable to the user.

A single foam-covered earpiece provides full-range audio response for both voice and program material. The band is adjustable to fit any head size. Minimal isolation means the user can maintain full contact with the surroundings, yet also be in touch with others through the intercom system.

The boom arm may be adjusted in length or in angle, allowing optimal positioning of the mic element. A directional, noise-cancelling microphone minimizes background noise leakage.

Rotation of the arm through 300 degrees lets the user select right- or left-side positioning of the mic.

The CC-26 personal headset is ideal for situations where the user must wear the headset for extended periods of time. It is recommended whenever low profile and light weight, combined with good audio, are the primary considerations for intercommunications.

CC-85 AND CC-250

THE INDESTRUCTIBLE HEADSETS: UNSURPASSED DURABILITY, COMFORT, AND EXCELLENT AUDIO QUALITY FOR PROFESSIONAL SETTINGS

The supremely durable CC-85 single-ear and CC-250 double-ear headsets provide the appearance and features to meet any professional communications requirement. They are especially designed for intercom applications where good audio quality, reliability, durability, and comfort are of prime importance, or where a switched mic is required.

The almost indestructible headsets are constructed of Dura-Flex, an advanced, flexible composite material. The lightweight headsets will not be damaged if they are dropped, stepped on, or otherwise abused in the line of duty. And Dura-Flex also protects the internal transducers and electronics from damage.

The smooth, full-range audio response gives an accurate representation of program material, and promotes low ear fatigue when using the headsets for extended periods. A presence peak is incorporated to enhance voice intelligibility.

Unique dual-chamber foam-filled ear cushions provide acoustic isolation in moderate-noise-level environments. They are extremely comfortable for long-term use.

The flexible boom arm features a high-quality, noise-cancelling microphone that promotes intelligible communications. The microphone has low susceptibility to wind and breath noise.

A full 300 degrees of rotation allows the user to position the mic on the left or right side, with detented "stops" to prevent the arm from shifting during use. Swinging the boom arm up in either direction activates a microswitch that turns the microphone output off – useful for listen-only applications and preventing unwanted remarks from going out on the air.

Separate earphone wires are provided for stereo or binaural "split ear" use. The custom cable is designed for high resistance to breakage, and is well shielded both internally and externally to prevent interference and crosstalk.

The CC-85 and CC-250 professional headsets are ideal for professional theatrical, industrial, and broadcast applications where extreme ruggedness and durability are required, and wherever good audio response, switchable microphones, and great comfort are desired.



- *Dura-Flex construction for extreme durability*
- *Single or double earpieces*
- *Smooth, full-range audio response*
- *Microswitch in boom arm turns mic off when boom is lifted*
- *Left- or right-side operation, with detented "stops" to keep boom arm in place*
- *High-quality, noise-cancelling cardioid microphone*
- *Separate earphone wires for stereo or "split-ear" binaural use*
- *Immune to RFI and EMI pickup*
- *Available with 4-pin XLR or optional 6-pin binaural connector*

TELEPHONE HANDSET AND PUSH-TO-TALK MIC FOR INTERCOM COMMUNICATIONS

The HS-6 telephone-style handset offers a convenient means for the less frequent intercom user to link with the system. It is also useful when comfort or appearance requires a more conventional look. Full-duplex communication is possible, and the push-to-talk button minimizes bleed of external sound into the intercom line when the handset is not in use. The handset connects with the intercom station via a 4-pin female XLR connector on a 6-foot coiled cord. A wall/console mounting cradle is included.

The PT-4 push-to-talk microphone is a rugged, CB-styled mic for use with intercom stations. It is especially useful when used with remote speaker stations such as the KB-111A. A "dummy load" across the earpiece pins on the connector provides the proper impedance, so that the station's speaker will operate normally when the PT-4 is connected. Provided with a mounting clip and a 5-foot coiled cord with heavy-duty strain relief.



HS-6 AND PT-4

- *Push-to-talk switch*
- *4-pin female XLR connector*
- *Convenient coiled cable*
- *Mounting clip/cradle*
- *For use with main and remote intercom/speaker stations*

CLEAR-COM HEADSET COMPARISON CHART

	CC-40	CC-60	CC-85	CC-250	CC-26
APPLICATIONS	Theatre, school, industrial, other environments needing high output and excellent intelligibility with one ear free	Concert, industrial, other high-SPL environments needing high output and excellent intelligibility with highest isolation	Broadcast, theatrical, institutional, others needing extreme durability and good audio quality with one ear free	Broadcast, theatrical, institutional, others needing extreme durability and good audio quality with moderate isolation	Broadcast, on-camera, lower-noise environments needing full-range audio, low profile, and light weight
NUMBER OF EARPIECES	One	Two	One	Two	One
EARPIECE TYPE	Closed/sealed	Closed/sealed	Closed	Closed	Open
EXTERNAL NOISE ISOLATION	High (single ear)	Highest	Moderate (single ear)	Moderate	Low (single ear)
FREQUENCY RESPONSE	Contoured for voice intelligibility	Contoured for voice intelligibility	Full-range audio with vocal presence	Full-range audio with vocal presence	Smooth full-range audio
DURABILITY	Durable in normal production use	Durable in normal production use	Virtually unbreakable	Virtually unbreakable	For lighter duty use
HEADSET MATERIAL	Plastic with heavy wire frame	Plastic with heavy wire frame	Dura-Flex flexible composite material	Dura-Flex flexible composite material	Plastic with moderate-gauge wire
MICROPHONE TRANSDUCER TYPE	Noise-cancelling cardioid dynamic	Noise-cancelling cardioid dynamic	High-quality cardioid noise-cancelling dynamic	High-quality cardioid noise-cancelling dynamic	Noise-cancelling directional dynamic
MIC FREQUENCY RESPONSE	80 Hz - 10 kHz	80 Hz - 10 kHz	70 Hz - 18 kHz	70 Hz - 18 kHz	70 Hz - 15 kHz
MIC SWITCH (ON/OFF)	N/A	N/A	On-off microswitch when boom arm is raised	On-off microswitch when boom arm is raised	N/A
MIC BOOM ROTATION (for left or right-side use)	300 degrees	300 degrees	300 degrees	300 degrees	300 degrees
IMPEDANCE: MIC/EARPIECE	200 ohms/400 ohms	200 ohms/400 ohms	200 ohms/400 ohms	200 ohms/200 ohms	200 ohms/400 ohms
CABLE TYPE & LENGTH	Straight 4-wire 5.5 ft/1.75m	Straight 4-wire 5.5 ft/1.75m	Straight 4-wire 5.5 ft/1.75m	Straight 4-wire 5.5 ft/1.75m	Straight 4-wire 5.5 ft/1.75m
CONNECTOR & OPTIONS	4-pin XLR female	4-pin XLR female	4-pin XLR female (optional 4-pin XLR male)	4-pin XLR female (optional 4-pin XLR male and 6-pin binaural)	4-pin XLR female
WEIGHT	9.5 oz/265 g	14 oz/390 g	7.8 oz/220 g	12.2 oz/340 g	1.9 oz/55 g

CLEAR-COM HANDSET COMPARISON CHART

	HS-6	PT-4
APPLICATIONS	Full-duplex link to intercom system for less-frequent user or for more conventional look	CB-style microphone especially for use with remote speaker stations
MICROPHONE/EARPIECE TRANSDUCER TYPE	Dynamic/Dynamic	Dynamic
IMPEDANCE: MIC/EARPIECE	800 ohms/200 ohms	150 ohms/2.2K ohms (dummy load)
PUSH-TO-TALK SWITCH	Yes	Yes
CABLE TYPE AND LENGTH	Coiled 3-wire plus shield 6 ft/ 1.85 m	Coiled shielded cable 5 ft/1.5 m
CONNECTORS	4-pin XLR female	4-pin XLR female
WEIGHT	12 oz/330g	6 oz/165 g