

HR-1 and HR-2 Headsets with Flexible Dynamic Boom Mics

The HR-1 and HR-2 are medium weight, noise reduction headsets with dynamic microphones. They both have a noise reduction rating of 21dB, and are suitable for use in moderately noisy environments.

All models feature a unique, soft covered headband design that distributes ear cushion pressure evenly over the entire ear with no pressure points, unlike conventional designs which apply more pressure on the bottom of the ear than on the top. An added advantage of this design is the headset folds into an extremely compact shape.



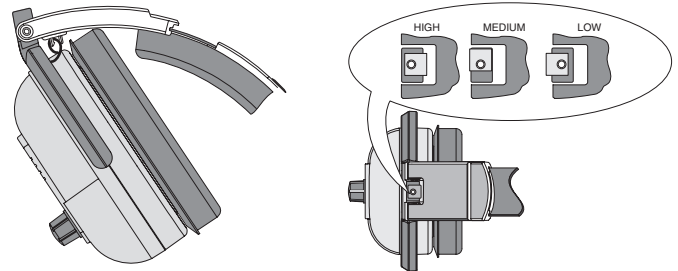
Features

- Comfortable foam-filled, covered headband pad and supplate ear cushions. The headband pad evenly distributes the headset weight, with no pressure points, for maximum wearer comfort. The ear cushions combine comfort and light weight with excellent acoustic seal.
- Adjustable ear cup pressure.
- The dynamic boom arm features a sealed ball-and-socket joint and flexible boom for precise microphone placement on any head size. The boom rotates overhead for microphone placement on either side of the head.
- The microphone cordage is protected inside the boom arm. Shielded wire throughout the headset protects against RFI and EMI. Strain-reliefs on all cords provide maximum durability.

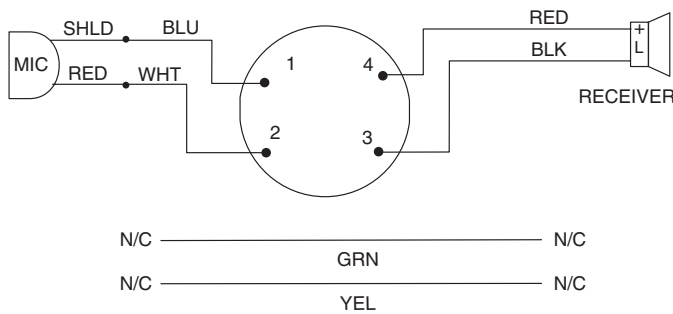
Operation

Headband Pressure Adjustments

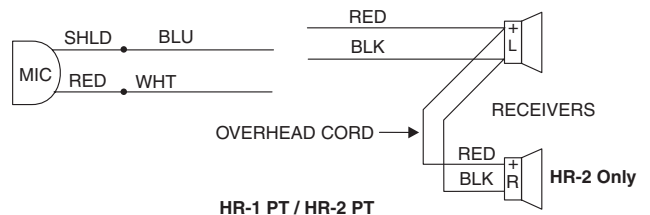
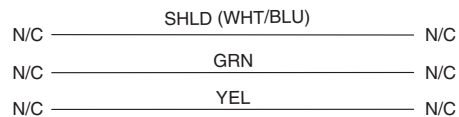
There are three (3) pressure settings. Increasing the pressure will improve the seal between the earcup and the head for greater noise reduction. To change the pressure settings, remove the headset and fold the earcup inward as shown, then rotate the adjustment knob to the desired settings. Repeat for both earcups. Both sides of the headband should be set to the same pressure setting to keep the headband properly centered on the head. (Headset shown is similar to the current model.)



Wiring Diagrams

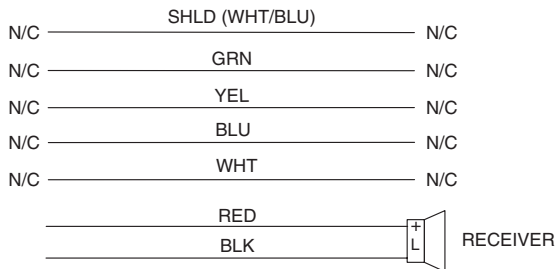


HR-1 A4F / HR-1 A4M

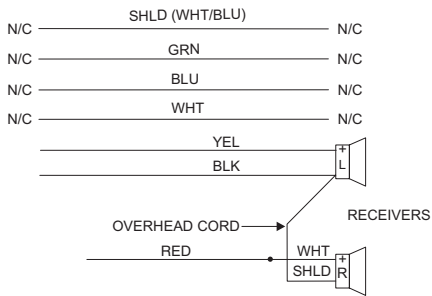


HR-1 PT / HR-2 PT

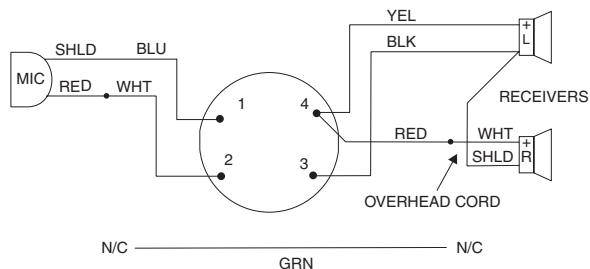
Wiring Diagrams cont.



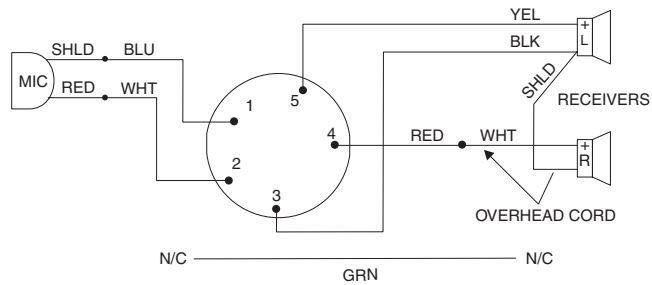
HR-1L PT



HR-2L PT



HR-2 A4F / HR-2 A4M



HR-2 A5M

Specifications

HR-1

Connector Termination
 HR-1 A4F: XLR 4-pin Female
 HR-1 A4M: XLR 4-pin Male
 HR-1 A5M: XLR 5-pin Male
 HR-1 PT: Stripped Wire
 HR-1L PT: Stripped Wire

Type
 Single-Sided

Mic Type
 Dynamic Noise-Canceling

Mic Sensitivity
 -65dBV/Pa @ 1cm

Mic Frequency Range
 150Hz-8kHz

Mic Impedance
 200Ω

Speaker Sensitivity
 95dB SPL @ 1kHz, 1mW

Speaker Frequency Range
 100Hz-3kHz

Speaker Impedance
 300Ω

Weight
 11 oz (311.8 g), not including cord

Cord Length
 6.0 ft ±2 in (1.83 m ±5.08 cm)

Color
 Black

HR-2

Connector Termination
 HR-2 A4F: XLR 4-pin Female
 HR-2 A4M: XLR 4-pin Male
 HR-2 A5M: XLR 5-pin Male
 HR-2 PT: Stripped Wire
 HR-2L PT: Stripped Wire

Type
 HR-2 A4F: Dual Sided Monaural
 HR-2 A4M: Dual Sided Monaural
 HR-2 A5M: Dual Sided Stereo
 HR-2 PT: Dual Sided
 HR-2L PT: Dual Sided

Mic Type
 Dynamic Noise-Canceling

Mic Sensitivity
 -65dBV/Pa @ 1cm

Mic Frequency Range
 150Hz-8kHz

Mic Impedance
 200Ω

Speaker Sensitivity
 95dB SPL @ 1kHz, 1mW

Speaker Frequency Range
 100Hz-3kHz

Speaker Impedance
 HR-2 A4F: 150Ω
 HR-2 A4M: 150Ω
 HR-2 A5M: 300Ω per side
 HR-2 PT: 300Ω per side
 HR-2L PT: 300Ω per side

Weight
 15 oz (425.2 g), not including cord

Cord Length
 6.0 ft ±2 in (1.83 m ±5.08 cm)

Color
 Black

Order Information

HR-1
 HR-1 A4F • Single sided, w/boom, 4-pin female connector
 HR-1 A4M • Single sided, w/boom, 4-pin male connector
 HR-1 A5M • Single sided, w/boom, 5-pin male connector
 HR-1 PT • Single sided, w/boom, no connector
 HR-1L PT • Single sided, listen only, no connector

HR-2
 HR-2 A4F • Double sided w/boom, 4-pin female connector
 HR-2 A4M • Double sided w/boom, 4-pin male connector
 HR-2 A5M • Double sided w/boom, 5-pin male connector
 HR-2 PT • Double sided w/boom, no connector
 HR-2L PT • Double sided, listen only, no connector

HR-1 and HR-2
 800929000 • Headband Pad, Mole Skin
 590002000 • Temple Pad
 560353001 • SPP Ear Cushions, Mole Skin, HR Series
 S-59747000 • SPP Windscreen, PH-21 and PH-23

The specification information is preliminary and is subject to change without notification.
 Brand names mentioned are the property of their respective companies.