

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.



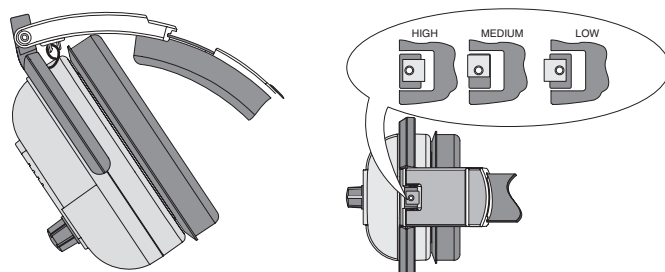
Features

- 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.

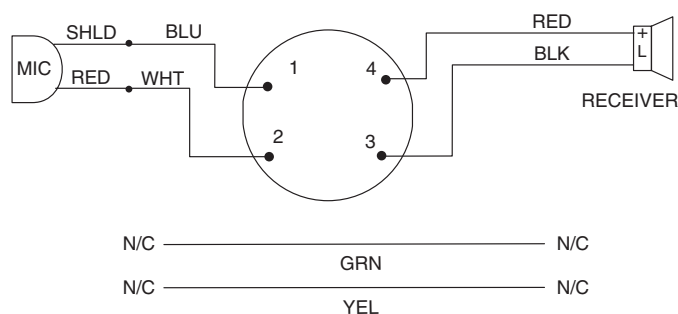
Operation

Headband Pressure Adjustments

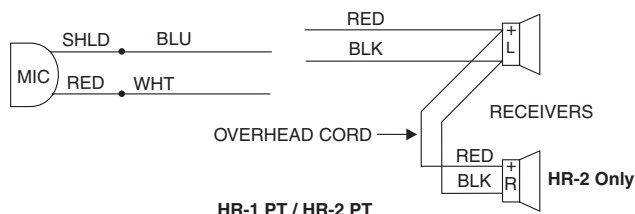
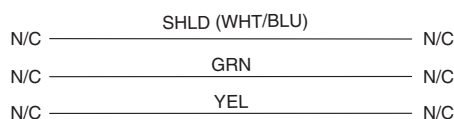
There are three (3) pressure settings. Increasing the pressure will improve the seal between the earcup and the head for greater noise reduction. To change the pressure settings, remove the headset and fold the earcup inward as shown, then rotate the adjustment knob to the desired settings. Repeat for 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

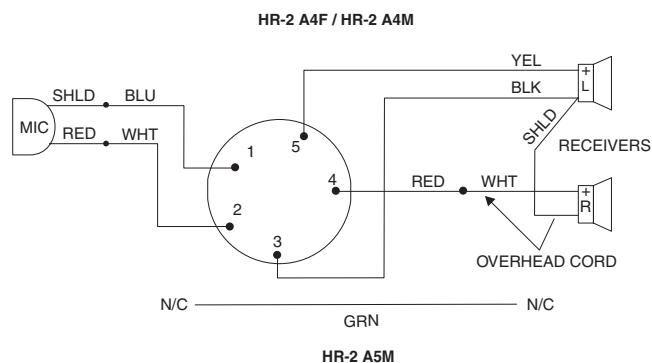
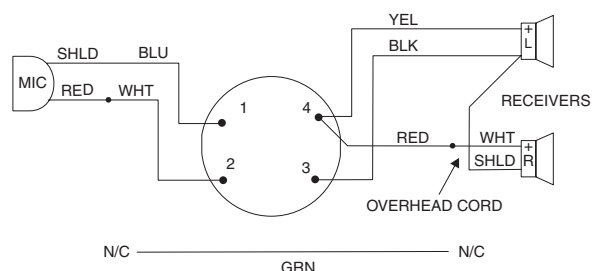
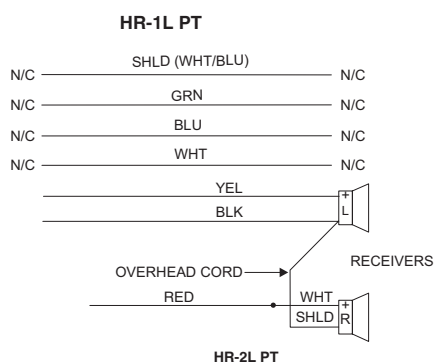
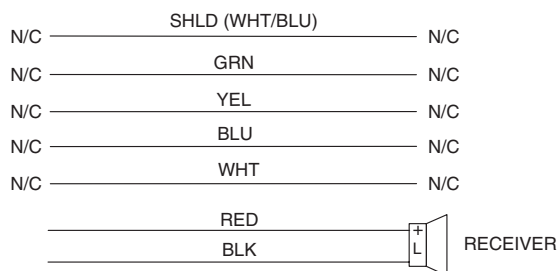


HR-1 A4F / HR-1 A4M



HR-1 PT / HR-2 PT

Wiring Diagrams cont.



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