

## 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.



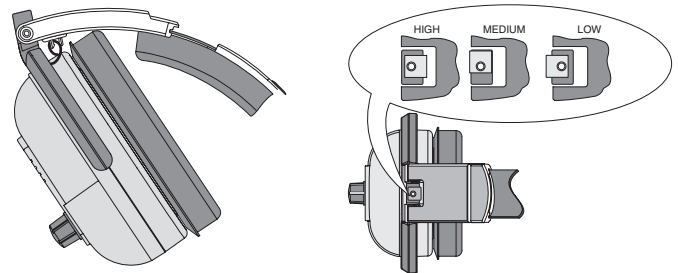
### Features

- 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.

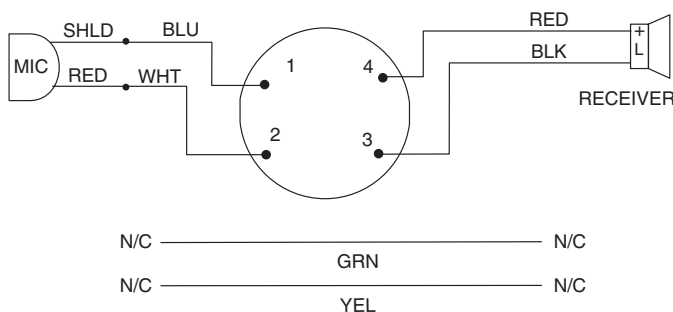
### Operation

#### Headband Pressure Adjustments

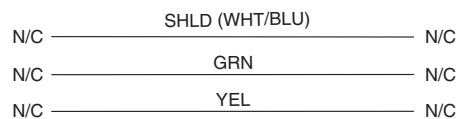
There are three (3) pressure settings. Increasing the pressure will improve the seal between the earcup and the head for greater noise reduction. To change the pressure settings, remove the headset and fold the earcup inward as shown, then rotate the adjustment knob to the desired settings. Repeat for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



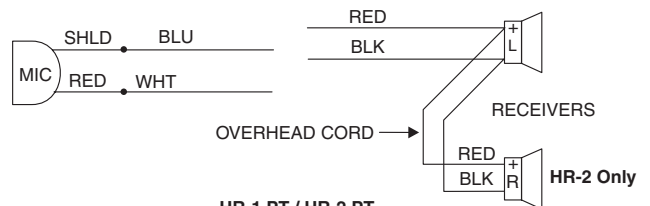
### Wiring Diagrams



HR-1 A4F / HR-1 A4M

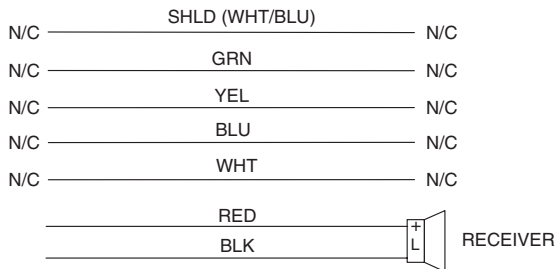


HR-1 PT / HR-2 PT

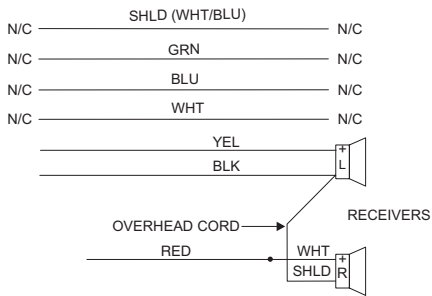


HR-2 Only

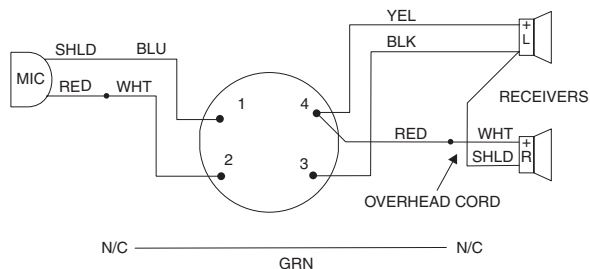
# Wiring Diagrams cont.



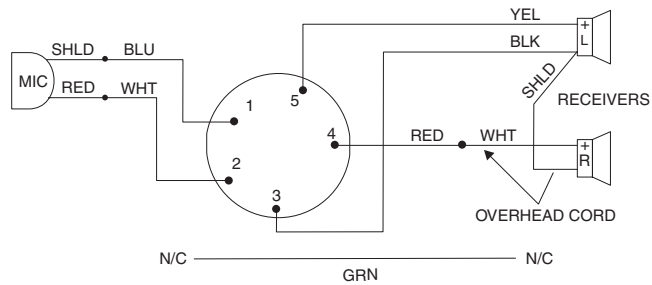
HR-1L PT



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  
 WS-2B • Windscreen

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