

# Product Specifications

## BRH440M & BRH441M Broadcast Headsets

### Overview

Designed to meet the needs of broadcast and media production professionals, the BRH440M & BRH441M Headsets provide exceptional audio quality, comfort and legendary Shure durability with user-replaceable accessories for a lifetime of use.

### Features

- Closed-back, circumaural design provides excellent isolation from background noise
- Dynamic microphone delivers natural, highly intelligible vocal reproduction with cardioid polar pattern and frequency response optimized for communication in loud environments
- Ergonomic, lightweight design with adjustable, padded headband for long wearing comfort
- Flexible boom microphone pivots 270 degrees for left or right side wear
- Flip-up mute function deactivates the boom microphone when raised vertically away from the mouth
- Single-side, detachable cable with unterminated ends (bare whip) enables connection to a variety of devices
- User-replaceable cable, ear pads and windscreens provided for a long product life
- Legendary Shure durability designed under rigorous quality standards to withstand the demands of everyday, professional use

### Available Models

<b>BRH440M</b>	Dual-Sided Broadcast Headset. Includes detachable cable, replacement pair of ear pads and windscreen
<b>BRH441M</b>	Single-Sided Broadcast Headset. Includes detachable cable, replacement pair of ear pads and windscreen

### Specifications

Net Weight (without cable)	BRH441M = 240 g (8.5 oz)/ BRH440M = 341 g (12.1 oz)	
Cable	Single-sided, detachable, unterminated, 6-conductor (1.8 m)	
<b>Microphone</b>		
Type	Dynamic (moving coil)	
Polar Pattern	Cardioid	
Frequency Response	50 to 15,000 Hz	
Output Impedance	200 Ohms	
Sensitivity (@ 1 kHz, open circuit voltage)	-67.0 dBV/Pa* (0.45 minimum)	*1 Pa -94 dB SPL
Polarity	Positive pressure on diaphragm produces positive voltage on pin 1 (red wire) with respect to pin 3 (shield)	
<b>Headphone</b>		
Transducer Type	Dynamic, Neodymium magnet	
Driver Size	40 mm	
Frequency Range	15 to 27,000 Hz	
Sensitivity (@ 1 kHz)	101 dB/mW	
Impedance (@ 1 kHz)	300 Ohms	
Maximum Input Power	1000 mW	

### Accessories and Replacement Parts

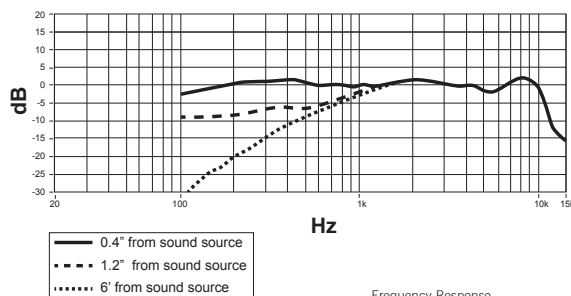
Replacement Ear Pads	BCAEC440
Replacement Windscreen	BCAWS1
Replacement Single-Sided Detachable Cable	BCASCA1
Replacement Temple Pad	BCATP1



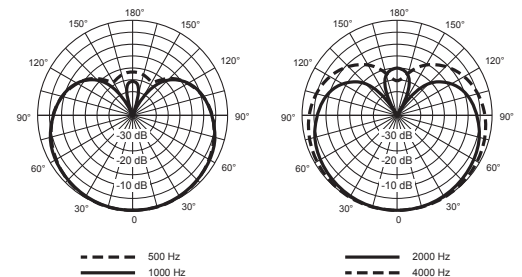
BRH440M Dual Sided Broadcast Headset



BRH441M Single-Sided Broadcast Headset



Frequency Response



Polar Pattern

