# **Product Specifications**

## BRH440M & BRH441M Broadcast Headsets

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 (sold separately) enables connection to a variety of devices
- User-replaceable cable, ear pads and windscreen provided for a long product life
- Legendary Shure durability designed under rigorous quality standards to withstand the demands of everyday, professional use

#### **Available SKUs**

BRH440M-LC	Dual-sided broadcast headset, without cable		
BRH441M-LC	Single-sided broadcast headset, without cable		

# **Specifications**

Net Weight (without cable)	BRH441M = 240 g (8.5 oz)/ BRH440M = 341 g (12.1 oz)		
Microphone			
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)		
Headphone			
Transducer Type	Dynamic, Neodymium magnet		
Driver Size	40 mm		
Frequency Range	15 to 27,000 Hz		
ensitivity (@ 1 kHz) 101 dB/mW			
Impedance (@ 1 kHz)	300 Ohms		
Maximum Input Power	1000 mW		



BRH440M Dual Sided Broadcast Headset

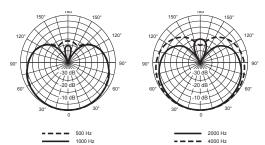


BRH441M Single-Sided Broadcast

### **Accessories**

BCAEC440	Replacement Ear Pads	BCASCA-NXLR3QI	Detachable cable with Neutrik 3-pin XLR male connector and 1/4* stereo plug	BCASCA-NXLR4-FEM	Detachable cable with Neutrik 4-pin XLR female connector
BCAWS1	Replacement Windscreen	BCASCA-NXLR3QI-25	25 ft detachable cable with Neutrik 3-pin XLR male connector and 1/4" stereo plug	BASCA-NXLR5	Detachable cable with Neutrik 5-pin XLR male connector
BCATP1	Replacement Temple Pad	BCASCA-NXLR4	Detachable cable with Neutrik 4-pin XLR male connector		

#### Polar Patterns



#### Frequency Response

