




WBH53 Headworn Vocal Microphone, Omnidirectional Condenser

The WBH53 (wireless version of the [Beta 53](#)) is a fully adjustable omnidirectional condenser microphone, designed for applications where unobtrusive appearance and incredible sound quality are required. It's lightweight, adjustable, modular headband, flexible wireframe and soft earpieces provide a comfortable fit while still allowing the Beta 53 to be positioned as close to the left or right corner of the mouth as possible, assuring maximum voice pickup.

- ⌘ **WBH53B** - Black, 5-foot (1.5 m) attached cable with 4-pin mini connector (TA4F), foam windscreen, clothing clip, carrying case
- ⌘ **WBH53T** - Tan, 5-foot (1.5 m) attached cable with 4-pin mini connector (TA4F), foam windscreen, clothing clip, carrying case

Features	Specifications	Accessories	User Guides
Specification			
Type	Condenser (electret bias)		
Frequency Response	20Hz to 20KHz		
	 view larger		
Polar Pattern	Omnidirectional		
Output Noise (equivalent dB SPL, A-weighted)	39.0 dB typical; 42.0 dB maximum		
Signal-to-Noise Ratio	55 dB at 94 dB SPL		
Recommended Minimum Input Impedance	20 kilohms		
Output Level, open circuit, ref. 1v/Pa at 1 kHz	-54.0 +/- 3.0dB 2.0mV		
Maximum Sound Pressure Level	142 dB SPL at 1% THD/20 kilohm load		
Dynamic Range	103 dB (max. SPL with 20k load, minus typical A-wt. noise)		
Current Drain	60-130 microA (microphone only)		
Output Polarity Positive pressure on the diaphragm produces a positive voltage at:	Pin 3 (black lead) relative to pin 1 (shield lead) at the output connector of the microphone		
Power Requirements	+5 Vdc on pin 2, return on pin 1 (ground)		
Net Weight	35.35 g (1.25 oz.) microphone only		
Cable	1.5 m (5 ft.), small-diameter, shielded, with mini 4-pin connector (TA4F)		