

# SHG SM800

## QD Binaural Headset with Passive Noise Canceling Mic (Cable Sold Separately)



### Product Number: SM800

The Secure Headset Group™ (SHG) SM800 binaural headset has leatherette cushions for all day comfort, superb sound quality, and QD (quick disconnect). (Cable sold separately.)

### Product Features and Benefits:

- TAA and 889/NDAA compliant, and compliant with peripherals in safe spaces
- Reliability rate over 99.96%
- Lightweight to reduce ear fatigue
- Connects to all major desk phones with compatible cables (additional cable required)
- Passive noise canceling microphone
- Connects to all major soft phones with available USB connecting cables (additional cable required)
- Superb sound quality receiver and microphone
- Available with a PL compatible QD
- Compatible with police two prong 4/6 wire (SH1890-15, CA12CD-S, and CA22CD) (requires PL QD)
- Binaural (two ear wearing style)
- Leatherette cushion type
- SHG QD (quick disconnect) connectivity
- Plug and play (USB) - drive included, no downloads needed
- Ships with leatherette ear pads, clothing clip, wall mount, and nylon carrying case
- Durable headband style
- Acoustic shock protection receiver
- Microphone static shock protection
- Wideband frequency response, 20Hz to 7.5kHz
- Soft headband T-bar of a comfortable fit

General Specifications	
Wearing Style	Over-the-Head
Cable Length	9.10 ft or 3 m including the bottom cable
Connector Type	Quick disconnect (QD)
Quick Disconnect Type	SHG QD
Weight	.25 lbs or 113.398 g
Compatibility	Works with all kinds of single or multi-line IP phones
Microphone	Passive noise canceling mic with static shock protection
Mic Boom Arm Type	Flexible PE bar
Earpiece	Leatherette cushions
Receiver	Wideband frequency response with acoustic shock protection
Color	Charcoal grey
Packing Method	Bulk packing Individual PE zipper bag 100 bags in outer carton box  Individual gift box PE zipper bag in individual gift box 40 boxes in outer carton box
Warranty	2 years
Compliance	RoHS
Approval	CE, FCC
Optional Materials	Headset hanger, headset pouch, and leatherette cushion

Microphone	
Type	Passive noise canceling mic, electret condenser
Sensitivity	-47 +/- 3dB [0dB=1V/Pa, 1kHz]
Impedance	34 Ohms +/-15% [1kHz, 1V]
Frequency Response	100Hz ~ 10kHz
Current Consumption	100 ~ 450 $\mu$ A [RL=2.2Kohm, VCC=2.0VDC]
Operation Voltage	1.0 ~ 10 VDC
Receiver	
Size	1.26 in or 32 mm
Impedance	150 Ohms +/-15% [1kHz, 1V]
SPL	112dB +/- 2dB [100mV, 1.0kHz, headset mode] 85dB +/-2dB [0.1W/0.1m, 0.8~2kHz average, speaker mode]
Frequency Response	20Hz ~ 10kHz [deviation 2dB max, headset mode] Fo ~ 20kHz [deviation 10dB max, speaker m)
Distortion	Less than 10% [1kHz, 100mV]
Environmental Characteristics	
Operating Temperature	32 °F ~ 104 °F or 0 °C ~ 40 °C
Storage Temperature	-4 °F ~ 140 °F or -20 °C ~ 60 °C