

SoundPort Custom EarSet



The **SoundPort Custom EarSet** offers the ultimate in customized wireless, hands-free Bluetooth® communication with mobile phones. It consists of a high-quality Bluetooth transceiver and an earmold custom-made for the individual ear.



The SoundPort Transceiver uses the most recent Bluetooth digital technology to achieve a clear, secure, low-noise, wireless connection between cell phone and ear. It can be used with any Bluetooth-enabled digital mobile phone.

The custom Lucite ear piece differentiates the SoundPort from conventional Bluetooth headsets and offers four important benefits:

- **Comfort...** The SoundPort ear piece is custom-crafted to the exact dimensions of your ear.
- **Stability...** With its exact fit, the EarSet stays securely in place – unlike many one-size-fits-all headsets.
- **Sound Quality...** The custom-fit ear piece optimizes the acoustic quality of the cell phone signal and delivers sound directly and consistently to the ear canal.
- **Openness...** The ear piece's flared sound opening and large vent allows nearby sounds and conversations to pass through normally and unobstructed.

The SoundPort EarSet is available in two models:

- **Model S:** This configuration works with the majority of available mobile technology.
- **Model M:** Accommodates the specific transmit and audio characteristics of Motorola mobile phones.



® Bluetooth wireless technology is the world's most widely used specification for a low-cost radio solution, providing two-way radio or data-streaming links between mobile computers, mobile phones and other portable handheld devices and connectivity to the Internet.

F E A T U R E S :

- Three user controls
 - On/Off
 - Answer/disconnect
 - Volume up and down
- Built-in charging circuit with interchangeable adapters for international use
- Ten-meter range with no line-of-sight requirements
- FCC and CE compliant
- Designed to the specifications of the international Bluetooth Special Interest Group
- Ear pieces available in a variety of colors (see back)

The SoundPort EarSet's custom ear piece requires an impression-taking process that differs slightly from that of a typical hearing instrument. Please use the following steps for SoundPort impressions:

1. Take a shallow impression, only around the first bend of the canal, with a full helix and helix lock area, similar to a full-shell ITE impression. The bowl and helix hold the SoundPort securely in the ear.
2. Flatten the outer surface of the impression material to make it parallel with the cheek.
3. Using the edge of a card, make an indentation pointing toward the mouth, similar to an impression for a directional aid, but aiming toward the mouth to ensure that the SoundPort conforms to the wearer's cheek.

Specifications:

Application	Wideband data transmission system			
Design Category	Short-range, wireless, Bluetooth communication device			
Model Numbers	Standard SoundPort 64000-000 SoundPort M 64000-001			
Dimensions	66 mm x 24 mm x 22 mm			
Weight	14.46 grams			
Talk Time	7 hours			
Standby Time	240 hours			
Range	33 feet (10 m)			
Three User Controls	On/Off, Answer/Disconnect, Volume Up and Down			
Recharge Time	2 hours			
Battery	Rechargeable lithium-ion polymer			
Charging Unit	Built-in — International AC adapter plugs directly into power jack of SoundPort			
Specification Standards	ETSI EN300 328 V1.4.1 (2003-04)			
Output Power	< 4 dBm W			
Frequency Range	2401.5 - 2480.5 MHz			
Frequency Tolerance	±14.6 ppm (35 kHz)			
Number of Channels	79			
Channel Spacing	1 MHz			
Channel Bandwidth	500 MHz < BW < 1MHz			
Type of Modulation	Frequency hopping spread spectrum (FHSS, GFSK)			
Transfer Rate	≤ 97,600 bps			
Maximum EIRP	<4 dBm			
Interference Protection	Automatic transmission and reception of identification sign			
Spurious Emmissions	<2387 MHz <130 dBm	2387 - 2400 MHz <-20 dBm	2483.5 - 2496.5 MHz <-20 dBm	>2496.5 MHz <-30 dBm
Environmental Test Condition	Operating range +15C to +40C			
Power Source	DC: Lithium-ion polymer	Voltage 3.7V	Extreme Upper Voltage 4.25V	Extreme Lower Voltage 3.15V
DC Charging Jack	AC/DC Adaptor	Model: PSC05R-50	Input: AC 100 - 240V, 50 - 60 Hz	Output: DC 5V, 1A
Handling Conditions	Meets D4169 for shipping vibration			

Available Colors for SoundPort EarPieces



WHITE



CLEAR



HOT YELLOW



YELLOW



HOT GREEN



GREEN



BLUE



*LIGHT
SKIN TONE*



HOT PINK



PURPLE



ORANGE



HOT ORANGE



HOT RED



RED



*MOTHER OF
PEARL*



BLACK



BROWN