

Mitel Bluetooth Accessories

Bluetooth Means Mobility

Key Features

- Built-in ringer in the Bluetooth Handset
- Place outbound calls while mobile with programmable "Auto Speed Dial" upon off-hook
- Six hours talk time
- Forty-three hours standby time
- Support for up to six Bluetooth devices per Bluetooth Module



One area where wireless technology in the consumer space has grown dramatically over the past several years is in the adoption of Bluetooth® headsets for use with cell phones. Third-party Bluetooth headsets deliver the convenience of mobility, and provide the added benefits of hands-free operation and integrated features.

The Mitel® Bluetooth Module allows a Mitel MiVoice IP Phone user to integrate their commercially available Bluetooth headset with their desk phone, allowing them to enjoy the hands-free freedom with their desk phone that they've become accustomed to with their cell phone. The ability to use a single headset with both a desk phone and cell phone augments Mitel's Mobility Solution for users who want to leverage the Dynamic Extension capability. Bluetooth headsets with multipoint capability can be paired with both a cell phone and a MiVoice IP Phone at the same time. This is very convenient in that it allows users to easily switch between the two devices without changing headsets, and results in reducing the cellular minutes used.

In addition to supporting Bluetooth headsets, the Bluetooth Module also supports a new Mitel Bluetooth Handset that is available for MiVoice 5330, 5330e, 5340, 5340e, and 5360 IP Phone users. The Bluetooth Handset employs the same form factor as our IP Phone handsets, but without the curly cord tethering users to their desks. With the Bluetooth Handset, users are free to move around when on a call – no more missed calls when they step away from their desk to go to the printer or speak to a colleague a few desks away!

Key Features

FEATURES OF THE BLUETOOTH MODULE AND HANDSET INCLUDE:

- *Initiate call / end call key*
- *Volume control keys*
- *Mute key*
- *Built-in ringer in the Bluetooth Handset*
- *Place outbound calls while mobile with programmable "Auto Speed Dial" upon off-hook*
 - *Speak@Ease or "0" or Secretary speed-call*
- *LED indicators on Bluetooth Module and Bluetooth Handset indicate both connectivity and charging status*
- *Six hours talk time*
- *Forty-three hours standby time*
- *Handset battery recharge time of three hours or less*
- *Operating range of up to 30 feet (10 meters) from the IP Phone*
- *Out of communications range warning tone*
- *Support for up to six Bluetooth devices per Bluetooth Module*
- *Supports pairing of standard third-party Bluetooth headsets (version 1.2, 2.0, and 2.1), including those that support multipoint or multiuse capability*
- *Audible warning for low battery*
- *Wideband Audio ready*
- *Supported on the Mitel MiVoice Business (formerly Mitel Communications Director) and MiVoice Office (formerly Mitel 5000 Communications Platform) unified communications platforms*

Technical Specifications

SUPPORTED PHONES

The Bluetooth Module and Bluetooth Handset are supported on the following MiVoice IP Phones:

- *MiVoice 5330 IP Phone*
- *MiVoice 5330e IP Phone*
- *MiVoice 5340 IP Phone*
- *MiVoice 5340e IP Phone*
- *MiVoice 5360 IP Phone*

System Software Requirements

- *MiVoice Business – Release 5.0 or later (formerly Mitel Communications Director)*
- *MiVoice Office – Release 5.0 (SP2) (formerly Mitel 5000 Communications Platform)*
- *MiVoice Border Gateway – Release 7.0 (for Mitel Teleworker Solution)*

WIRELESS TECHNOLOGY

Bluetooth	Transmission Power	Power Consumption	Power Compliant
Bluetooth 2.1 (EDR class 2)	Power Class 2 – 2.5 mW max., 1 mW norm., 0.25 mW min.	0.17 W sleep mode (Idle) 1.20 W talk mode (Typical)	IEEE 802.3af Power over Ethernet (PoE) Compliant

ENVIRONMENTAL

Operating temperature	Operating humidity	Storage temperature	Storage humidity
+10 to +40C / 50°F to 104°F	15% at +40C, 95% at 29°C	0 to +40C / 32°F to 140°F	34% at +40C, 95% at 29°C

RANGE

Up to 10 meters (30 feet) in a typical office environment

BATTERY AND CHARGING

Type	Speech time	Stand-by time	Charge time
Lithium polymer	6 hours	44 hours	3 hours

OTHER FEATURES

Security	MTBF Rates
Elliptic Curve Diffie Hellman (ECDH) public key cryptography + Linear Feedback Shift Register (LFSR) encryption	Bluetooth Module: 83 years Bluetooth Handset: 107 years

REGULATORY APPROVALS

Safety	EMC	Radio	EMF
CANADA: CAN/CSA C22.2 No. 60950-1-03 UNITED STATES: UL 60950-1, First Edition European Community: EN 60950-1:2001 AUSTRALIA / NEW ZEALAND: AS/NZS 60950.1:2003 OTHER COUNTRIES IEC 60950-1:2001, First Edition	CANADA: IECS-003 UNITED STATES: FCC Part 15 EUROPE: EN 301 489-01 V1.4.1, Part 1 EN 301 489-06 V1.2.1, Part 6	CANADA RSS-210 UNITED STATES FCC Part 15 Subpart D EUROPE EN 301 406 V1.5.1	CANADA: RSS-102:2005 United States: FCC OET Bulletin No. 65, Supplement C EUROPE: HANDSET EMF: EN 50360:2001 BASE STATION EMF: EN 50385:2002