

MITEL BLUETOOTH ACCESSORIES



BLUETOOTH MEANS MOBILITY

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 handsfree operation and integrated features.

The Mitel® Bluetooth Module allows a Mitel IP Phone user to integrate their commercially available Bluetooth headset with their desk phone, allowing them to enjoy the handsfree 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 Mitel 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 Mitel 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 Communications Director (MCD) and Mitel 5000 Communications Platform (CP)

TECHNICAL SPECIFICATIONS

SUPPORTED PHONES:

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

- 5330 IP Phone
- 5330e IP Phone
- 5340 IP Phone

- 5340e IP Phone
- 5360 IP Phone

MINIMUM SYSTEM SOFTWARE REQUIREMENTS

- Mitel Communications Director, Release 5.0
- Mitel 5000 Communications Platform, Release 5.0 SP2
- Mitel Border Gateway (MBG) for Teleworker, Release 7.0

FEATURE	SPECIFICATION	
Wireless Technology	Bluetooth 2.1 (EDR class 2)	
Transmission Power	Power Class 2 – 2.5 mW max., 1 mW norm., 0.25 mW min.	
Power Consumption	0.17 W sleep mode (Idle) 1.20 W talk mode (Typical)	
Power Compliant	IEEE 802.3af Power over Ethernet (PoE) Compliant	
Operating Environment:	Temperature +10°C to +40°C 50°F to 104°F	Humidity 15% at +40°C 95% at 29°C
Storage Environment:	Temperature 0°C to +40°C 32°F to 140°F	Humidity 34% at +40°C 95% at 29°C
Range	Up to 10 meters (30 feet) in a typical office environment	
Talk time on a single charge (Handset)	6 hours	
Standby time (Handset)	44 hours	
Handset Battery Recharge Time	3 hours	
Battery Type	Lithium polymer	

FEATURE	SPECIFICATION
Security	Elliptic Curve Diffie Hellman (ECDH) public key cryptography + Linear Feedback Shift Register (LFSR) encryption
MTBF Rates: Bluetooth Module Bluetooth Handset	83 Years 107 Years
Safety	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
EMC	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
Radio	Canada RSS-210 United States FCC Part 15 Subpart D Europe EN 301 406 V1.5.1
EMF	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

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