



**Release Note
For
Motorola Bluetooth
Version 3.0.0.215**

Notices

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Schaumburg, IL 60196
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Information on the World Wide Web

Additional company and product information can be found on our Internet Web site at:
<http://www.motorola.com/pcsolutions>

1 Product Release Identification

Date: February 10, 2010
Product Name: Motorola Bluetooth
Classification: Engineering Release
Version: 3.0.0.215

The Motorola Bluetooth software is a powerhouse suite for Windows-based personal computers. Users can connect wirelessly to their PC with a variety of Bluetooth devices, such as mobile phones, ear buds, stereo headsets, smart handhelds, printers, digital cameras and more.

2 Product Release Details

The current version of Bluetooth contains the following features/modifications:

- Release Components:
 - Product Installer
- Target Platform:
 - Microsoft Windows 7, x32/x64
 - USB CSR (BlueCore4)
- Modifications/Updates:
 - Added optional SCMS-T digital rights management (DRM) scheme support. Enabled through command line options.
 - Require pairing for all HID keyboard devices
 - Sniff mode enabled for all HID devices
 - Updated SBC codec implementation

3 Product Specifications

- Bluetooth Core Interfaces:
 - Host Controller Interface (HCI) v3.0 + High Speed (HS)
 - Host Controller Interface (HCI) v2.1 + Extended Data Rate (EDR)
 - Host Controller Interface (HCI) v2.0 + Extended Data Rate (EDR)
 - Host Controller Interface (HCI) v1.2
 - Host Controller Interface (HCI) v1.1
- Bluetooth Profiles:
 - Advanced Audio Distribution Profile (A2DP) (Source/Sink)
 - A/V Remote Control Profile (AVRCP) (Target)
 - Dial-Up Networking Profile (DUN) (Data Terminal)
 - Fax Profile (FAX) (Data Terminal)
 - File Transfer Profile (FTP) (Client/Server)
 - Generic Access Profile (GAP)
 - Generic A/V Distribution Profile (GAVDP) (Source)
 - Generic Object Exchange Profile (GOEP) (Client/Server)
 - Hardcopy Replacement Profile (HCRP) (Host)
 - Hands-Free Profile (HFP) (Headset, Audio Gateway)
 - Headset Profile (HSP) (Audio Gateway)
 - Human Interface Device Profile (HID) (Host)
 - Object Push Profile (OPP) (Client/Server)
 - Personal Area Network Profile (PAN) (PAN-U Client)
 - Service Discovery Application Profile (SDAP) (Client/Server)
 - Serial Port Profile (SPP) (Device A/B)
 - Synchronization Profile (SYNC) (Client)
 - Basic Imaging Profile (BIP) (Push Responder)
 - Basic Printing Profile (BPP) (Sender)
- Bluetooth Protocols:
 - Audio/Video Control Transport Protocol (AVCTP)
 - Audio/Video Distribution Transport Protocol (AVDTP)
 - Bluetooth Network Encapsulation Protocol (BNEP)
 - Logical Link Control and Adaptation Protocol (L2CAP)
 - Link Manager Protocol (LMP)
 - Object Exchange Protocol (OBEX)
 - RF Communication (RFCOMM)
 - Service Discover Protocol (SDP)
- Features:
 - Intuitive Explorer User Interface
 - Bluetooth 2.1 and 2.0 SIG BQE Qualified and Listed
 - AT Command Handler (ATx)

- Language: English, Traditional Chinese, Simplified Chinese, Japanese, French, Spanish, Brazilian Portuguese, German, Italian, Korean, Russian, Swedish, Norwegian, Greek, Danish, Dutch, Finnish, Polish, Czech, Turkish.

4 Driver and Application Information

➤ Application build notes:

- audiosrv (3.0.0.114)
- btmcls (3.0.0.47)
- btmshell (3.0.0.185)
- devmgrsrv (3.0.0.156)
- obexsrv (3.0.0.94)
- pprrtmon (3.0.0.61)

➤ Driver build notes:

- BTMAUD (3.0.0.71) Submission ID 1389811
- BTMCOM (3.0.0.63) Submission ID 1385008
- BTMHID (3.0.0.70) Submission ID 1388108
- BTMMDM (2.1.2.9) Submission ID 1339636
- BTMNET (3.0.0.40) Submission ID 1388110
- BTMUSB (3.0.0.152) Submission ID 1388381

5 Platform Requirements

- Operating Systems:
 - Microsoft Windows 7
- Bus Interfaces:
 - USB
- Core Logic Chipsets
 - CSR Chipset

6 Deliverables

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7 Installation

Install Motorola Bluetooth by running BluetoothSetup.exe and follow graphical wizard instructions

The BluetoothSetup.exe supports the following command line parameters:

/VERYSILENT	Silent installation
/SUPPRESSMSGBOXES	Disable any OS warnings while the installation
/LOG="path/filename"	Write installation log to the "filename" file located on the specified "path" directory. The specified directory should exist before the installation.
/MERGETASKS=<Tasks>	Disable the some tasks while installation, the <Tasks> can be one of the following items: "!CreateDesktopIcon" - disable Desktop Icon creation "!CreateComputerIcon" - disable Computer Icon creation "!CreateStartMenuIcon" - disable Start Menu Icons creation "!CreateStartMenuIcon,!CreateComputerIcon,!CreateDesktopIcon" - Use this task to disable all icons creation
/CPE	Enable support for SCMS-T Content Protection
/CPD	Disable support for SCMS-T Content Protection

8 Field Support

- Please report all problems to Motorola Field Applications Engineers.

9 Release History

Release 3.0.0.215 (February 10, 2009)

- Modifications/Updates:
 - Added SCMS-T digital rights management (DRM) scheme support
 - Require pairing for all HID keyboard devices
 - Sniff mode enabled for all HID devices
 - Updated SBC codec implementation

Release 3.0.0.211 (January 29, 2009)

- Modifications/Updates:
 - Fixed minor issues for FTP and A2DP for certification
 - Updated WiFi BT coexistence mechanism to work for BT 3.0 HS links
 - Updated PAN HS implementation
 - Updated FTP HS implementation

Release 3.0.0.208 (December 28, 2009)

- Modifications/Updates:
 - Fixed problem with A2DP sink
 - Fixed problem with return from S3 to HS mode

Release 3.0.0.205 (December 22, 2009)

- Modifications/Updates:
 - Updated FTP implementation
 - Added HP VEN_1814&DEV_3090
 - Fixed memory leak in Bluetooth Device Manager
 - Fixed Bluetooth GUI hang ups
 - Updated link speed indication of PAN profile to be in sync with WiFi driver

Release 2.1.2.197 (November 26, 2009)

- Modifications/Updates:
 - Implemented Move Channel feature
 - Fixed FTP problem over HS link

Release 2.1.2.191 (November 03, 2009)

- Modifications/Updates:
 - PAN over HS link implemented
 - MTU for all profiles increased to fit PDU reported by AMP controller
 - Works much more stable with Ralink 2.0.0.20 driver, but still have an issues with WiFi link