



Release Note
For
Motorola Bluetooth
Version 3.0.02.267

Notices

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1 Product Release Identification

Date: July 30, 2010
Product Name: Motorola Bluetooth
Classification: Mass Production Release
Version: 3.0.02.267

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:
 - Windows XP SP3, Vista and Windows 7, x32/x64
 - RT3090BC4 and RT5392BC8 WiFi Bluetooth combo module
- Modifications/Updates:
 - Added Unicast Connectionless Data support
 - Added AVRCP controller support
 - Added MS Office Send-To menu integration
 - Added WinDVD support
 - Added Windows Media Center support
 - Added Inquiry Dynamic Priority HCI command
 - Implemented COM port 'Port Settings' page
 - Added ability to disable HS and HS notifications
 - Updated Japanese localization
 - Added Installation update support

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/Controller)
 - Device ID (DI)
 - 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)
 - Phone Book Access Profile (PBAP) (Phone Book Client Equipment)
 - 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 3.0, 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, Arabic, Hebrew, Traditional Chinese Hong-Kong, Croatian, Hungarian, European Portuguese and Romanian.

4 Driver and Application Information

➤ Application build notes:

- audiosrv (3.0.2.265)
- btmcls (3.0.2.265)
- btmshell (3.0.2.267)
- devmgrsrv (3.0.2.267)
- obexsrv (3.0.2.266)
- pprrtmon (3.0.2.265)

➤ Driver build notes:

- BTMAUD (3.0.2.267) Submission ID 1416810
- BTMCOM (3.0.2.259) Submission ID 1416805
- BTMHID (3.0.2.259) Submission ID 1416806
- BTMMDM (2.1.2.9) Submission ID 1339636
- BTMNET (3.0.2.266) Submission ID 1416807
- BTMUSB (3.0.2.267) Submission ID 1417330

5 Platform Requirements

- Operating Systems:
 - Microsoft Windows XP SP3, Vista SP2, Windows 7
 - Ralink driver 3.1.9.0
- Bus Interfaces:
 - USB
- Core Logic Chipsets
 - CSR Chipset

6 Deliverables

[X] Release Note

[X] Product.....

7 Installation

Please follow the steps below to setup Motorola Bluetooth stack to work with Ralink WiFi driver:

1. Install Ralink WiFi Driver
2. 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 |

8 Field Support

- Please report all problems to Motorola Field Applications Engineers.

9 Release History

Release 3.0.02.267 (July 30, 2010)

➤ Modifications/Updates:

- Added Unicast Connectionless Data support
- Added AVRCP controller support
- Added MS Office Send-To menu integration
- Added WinDVD support
- Added Windows Media Center support
- Added Inquiry Dynamic Priority HCI command
- Implemented COM port 'Port Settings' page
- Added ability to disable HS and HS notifications
- Updated Japanese localization
- Added Installation update support

Release 3.0.02.265 (July 15, 2010)

➤ Modifications/Updates:

- Added support for CSR BC8 chip

Release 3.0.01.262 (July 12, 2010)

➤ Modifications/Updates:

- Fixed BSOD while OPP file transfer with Broadcom

Release 3.0.01.258 (June 29, 2010)

➤ Modifications/Updates:

- Fixed BSOD while power (S3/S4/S5) tests
- Fixed Bluetooth explorer freeze while connect to 5Gh WiFi AP

Release 3.0.01.255 (June 23, 2010)

➤ Modifications/Updates:

- Fixed BSOD while PAN transfer
- Fixed BSOD after RT3090BC4 combo module unplug

Release 3.0.01.247 (May 28, 2010)

➤ Modifications/Updates:

- Added IE 7 and IE 8 Bluetooth "Send to" integration
- Fixed BSOD for WinPVT test
- Updated the BT network enable message
- Improved pairing with HID keyboard devices
- Improved default audio switching mechanism
- Added 7 new languages (Arabic, Hebrew, Traditional Chinese Hong-Kong, Croatian, Hungarian, Portuguese European and Romanian)
- Updated Advanced Tab localization for Bluetooth driver
- Added Installer Localization for all supported languages

Release 3.0.01.237 (April 27, 2010)

- Modifications/Updates:
 - Improved FTP and OPP throughput over HS link
 - OBEX 1.5 SRM supported
 - AVRCP updated for 1.4 version support
 - PAN adhock network support added
 - Skype support added

Release 3.0.1.222 (March 29, 2010)

- Modifications/Updates:
 - Fixed problem with multiple files copy over HS link
 - Updated Help files to be in sync with new Enable/Disable tray menu option

Release 3.0.1.221 (March 08, 2010)

- Modifications/Updates:
 - OBEX over L2CAP implemented for FTP and OPP interoperability
 - Improved interoperability with third vendors
 - Improved FTP HS performance
 - WinPVT BSOD fixed
 - Restore Bluetooth Enable/Disable option

Release 3.0.0.211 (January 29, 2010)

- 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
 - By default this build will install only if hardware with USB\VID_148F&PID_1000 HWID is detected. To install it without hardware check, please use /WOHW command line option

Release 3.0.0.208 (December 28, 2009)

- Modifications/Updates:
 - Fixed problem with A2DP sink
 - Fixed problem with return from S3 to HS mode
 - Product name updated to be compatible with HP releases

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

Release 2.1.2.190 (October 28, 2009)

- Modifications/Updates:
 - HS connection notification updated
 - Enhanced Retransmission Mode mode supported
 - A number of fixes after BT UnPlugFest
 - Fixed WiFi card replug problem

Release 2.1.2.182 (September 09, 2009)

- Modifications/Updates:
 - The first build with BT 3.0 HS support for FTP profile