MOTOROLA

Release Note
For
Motorola Bluetooth
Version 3.0.13.307

Notices

Proprietary Material

1 Product Release Identification

Date: May 12, 2011

Product Name: Motorola Bluetooth

Classification: Mass Production Release

Version: 3.0.13.307

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:
    - o Product Installer

- ➢ Target Platform:
    - o Windows XP SP3, Vista, Win7 for x32/x64 systems
    - o USB CSR (BC4/BC8)

- ➢ Modifications/Updates:
    - o Replaced Readme file with license agreement
    - o Fixed problems with localization for Korean and Chinese Traditional Hong Kong languages
    - o Fixed problems with OPP and FTP profiles
    - o Fixed a problem with OBEX Authentication
    - o Qualified for update Profile versions OPP 1.2, FTP 1.2 and BIP 1.1

- ➢ Known Issues:
    - o MSN Messenger shows a VDP DirectShow filter as an "VDP Source"

3   Product Specifications

- ➢ Bluetooth Core Interfaces:
  - o Host Controller Interface (HCI) v3.0 + High Speed (HS)
  - o Host Controller Interface (HCI) v2.1 + Extended Data Rate (EDR)
  - o Host Controller Interface (HCI) v2.0 + Extended Data Rate (EDR)
  - o Host Controller Interface (HCI) v1.2
  - o Host Controller Interface (HCI) v1.1

- ➢ Bluetooth Profiles:
  - o Advanced Audio Distribution Profile (A2DP) (Source/Sink)
  - o A/V Remote Control Profile (AVRCP) (Target/Controller)
  - o Basic Imaging Profile (BIP) (Push Initiator, Push Responder)
  - o Basic Printing Profile (BPP) (Sender Device)
  - o Device ID (DI)
  - o Dial-Up Networking Profile (DUN) (Data Terminal)
  - o Fax Profile (FAX) (Data Terminal)
  - o File Transfer Profile (FTP) (Client/Server)
  - o Generic Access Profile (GAP)
  - o Generic A/V Distribution Profile (GAVDP) (Acceptor/Initiator)
  - o Generic Object Exchange Profile (GOEP) (Client/Server)
  - o Hardcopy Replacement Profile (HCRP) (Host)
  - o Hands-Free Profile (HFP) (Audio Gateway)
  - o Headset Profile (HSP) (Audio Gateway)
  - o Human Interface Device Profile (HID) (Host)
  - o Object Push Profile (OPP) (Client/Server)
  - o Personal Area Network Profile (PAN) (PAN-U Client, PAN GN)
  - o Phone Book Access Profile (PBAP) (Phone Book Client Equipment)
  - o Service Discovery Application Profile (SDAP) (Client/Server)
  - o Serial Port Profile (SPP) (Device A/B)
  - o Synchronization Profile (SYNC) (Client)

- ➢ Bluetooth Protocols:
  - o Audio/Video Control Transport Protocol (AVCTP)
  - o Audio/Video Distribution Transport Protocol (AVDTP)
  - o Bluetooth Network Encapsulation Protocol (BNEP)
  - o Logical Link Control and Adaptation Protocol (L2CAP)
  - o Link Manager Protocol (LMP)
  - o Object Exchange Protocol (OBEX)
  - o RF Communication (RFCOMM)
  - o Service Discover Protocol (SDP)

- ➢ Features:
  - o Intuitive Explorer User Interface

- o Bluetooth 3.0/3.0+HS, 2.1/2.1+EDR and 2.0/2.0+EDR SIG BQE Qualified and Listed
- o AT Command Handler (ATx)
- o Language:
    - Arabic
    - Chinese Hong Kong
    - Chinese Simplified
    - Chinese Traditional
    - Croatian
    - Czech
    - Danish
    - Dutch
    - English
    - Finnish
    - French
    - German
    - Greek
    - Hebrew
    - Hungarian
    - Italian
    - Japanese
    - Korean
    - Norwegian
    - Polish
    - Portuguese Brazilian
    - Portuguese Iberian
    - Romanian
    - Russian
    - Spanish
    - Swedish
    - Thai
    - Turkish

4   Driver and Application Information

➢ Application build notes:

        audiosrv (3.0.3.303)
        btmcls (3.0.3.299)
        btmshell (3.0.3.307)
        btmoffice (3.0.3.307)
        mbtfca (1.0.18.303)
        devmgrsrv (3.0.3.307)
        obexsrv (3.0.3.307)
        pprtmon (3.0.3.299)
        btplayerctrl (3.0.3.303)
        btwmpplugin (3.0.3.299)

➢ Driver build notes:

o BTMAUD (3.0.3.299) Submission ID 1448382
o BTMCOM (3.0.3.299) Submission ID 1448383
o BTMHID (3.0.3.299) Submission ID 1448384
o BTMMDM (2.1.2.9) Submission ID 1339636
o BTMNET (3.0.3.299) Submission ID 1448387
o BTMUSB (3.0.3.303) Submission ID 1448631

5   Platform Requirements

➢ Operating Systems:
   o Windows XP, Vista and Windows 7 for x32/x64 systems
   o The latest Realtek driver for Windows 7

➢ Bus Interfaces:
   o USB

➢ Core Logic Chipsets
   o CSR Chipset

6   Deliverables

[X] Release Note ....
[X] Product ....

7   Installation

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

1. Install Realtek 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 3.0.13.307 (May 12, 2011)
➢ **Modifications/Updates:**
- o Replaced Readme file with license agreement
- o Fixed minor problems with localization for Korean and Chinese Traditional Hong Kong languages
- o Fixed problems with OPP and FTP profiles
- o Fixed a problem with OBEX Authentication
- o Qualified for update Profile versions OPP 1.2, FTP 1.2 and BIP 1.1

Release 3.0.13.303 (April 13, 2011)
➢ **Modifications/Updates:**
- o Added support for FTP 1.2, OPP 1.2 and BIP 1.1 versions
- o Added BIP Initiator role
- o Added support for OBEX Authentication
- o Updated Skype logic support
- o Updated User Manuals and localization for all languages
- o Fixed problems with OBEX, OPP and FTP profiles
- o Fixed problems with SYNC and PBAP profiles

Release 3.0.12.298 (March 07, 2011)
➢ **Modifications/Updates:**
- o Updated User Manuals and localization for all languages
- o Fixed a problem with printer port
- o Fixed a problem with eSCO packet types choosing

Release 3.0.12.288 (December 29, 2010)
➢ **Modifications/Updates:**
- o Updated User Manuals and localization for all languages
- o Added "Enable High Speed Mode Support" option
- o Improved A2DP audio playback while device discovery

Release 3.0.12.283 (November 19, 2010)
➢ **Modifications/Updates:**
- o Removed remote LMP version indication from GUI
- o Fixed BSOD 9F in reboot test
- o Removed garbage code from Send To wizard in Japanese

Release 3.0.12.272 (September 2, 2010)
➢ **Modifications/Updates:**
- o Added RSSI value to Motorola HCI Extension
- o Added new VID/PID support

Release 3.0.12.272 (September 2, 2010)
➢ **Modifications/Updates:**

   o Removed HS Enable and HS Notify options from Bluetooth settings

Release 3.0.12.267 (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 3.0.12.265 (July 15, 2010)
➢ **Modifications/Updates:**
- Added support for CSR BC8 chip

Release 3.0.12.251 (Jun 04, 2010)
➢ Modifications/Updates:
- Engineering build to use only while UPF36 testing

Release 3.0.11.247 (May 28, 2010)
➢ Modifications/Updates:
- Added 7 new languages (Arabic, Hebrew, Traditional Chinese Hong-Kong, Croatian, Hungarian, Portuguese European and Romanian)
- Added Installer Localization for all supported languages

Release 3.0.11.237 (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 3.0.11.227 (March 31, 2010)
➢ Modifications/Updates:
- Updated Japanese localization
- Sniff enabled for all HID devices

Release 3.0.11.224 (March 19, 2010)
➢ Modifications/Updates:
- Engineering build with UPF35 fixes

Release 3.0.1.213 (January 29, 2010)

➢ Modifications/Updates:
  ○ Engineering build for UPF35 testing

Release 3.0.0.205 (December 22, 2009)
➢ Modifications/Updates:
  ○ First BT 3.0 + HS build for Realtek WiFi driver