

## Ralink Bluetooth Stack Release Note for RT3290

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### I. System information

Model	RT3290
Product Name	Bluetooth Filter Driver
Device ID	USB\VID_148F&PID_3000
Platform	Windows 7 (x64 and x86)
Interface Supported	PCIe

### II. Software Version

Program Name	Version	WHQL x86	WHQL x64	Date
Ralink Bluetooth Stack	V9.0.675.21	Yes	Yes	2012-1-12

### III. SW Features

- **Profile Support List**
  - DUN, GAP, SPP, SDAP, FAX, HCRP, HID
  - A2DP, AVRCP, BIP, BPP, DIP, GAVDP, HFP, HSP, FTP, OPP, PAN, SYNC, PBAB
- **Install Package**
  - Support silent installation
  - Support log file

### IV. Installation

- **Normal installation**
  1. Run Setup.exe
- **Silently Installation**
  1. Open command line

2. Key in **Setup.exe /s /v/qn**
3. Driver will be installed silently.

- **Export Log**

1. Open command line
2. Key in **Setup.exe /v"/l\*v c:\record.log"**
3. Create the log file to the path.

- **Example:**

**Setup.exe /s /v"/qn /l\*v c:\record.log"**

- The driver will be installed silently and create the log file to the path - c:\log.

## **V. Languages Support**

- **Install Package:**

- English
- French
- Italian
- German
- Spanish
- Japanese
- Traditional Chinese
- Simplified Chinese
- Brazilian Portuguese
- Norwegian
- Finnish
- Swedish
- Danish
- Dutch
- Korean

- **Profile:**

- English
- French
- Italian
- German
- Spanish
- Japanese
- Traditional Chinese
- Simplified Chinese

- Brazilian Portuguese
- Norwegian
- Finnish
- Swedish
- Danish
- Dutch
- Korean
- Russia
- Poland

**VI. Release Note:**

Version : V.9.0.675.21

1. Fixed: HDMI Output issue with BT A2DP Sink
2. Fixed: SCO & A2DP simultaneously connected issue

Version : V.9.0.673.19

1. Fixed: To compatible the issue when A2dp sink initiate to connect the a2dp source of Galaxy pad and cannot hear sound.

Version : V.9.0.673.18

1. Fixed: AVRCP cannot be showed normally if connected the a2dp source of Moto stack.
2. Fixed: HDMI sound card cannot be set as default dynamically after connecting to headset.
3. Fixed: If local device works as A2dp sink or Handsfree device, it will disable the functions for A2dp source and Handsfree AG, vice versa.
4. Install package: add version control for LIU.

Win7, Vista and XP x64:

HKEY\_LOCAL\_MACHINE\SOFTWARE\Wow6432Node\Ralink Corporation\Ralink  
Bluetooth Stack\Ralink BT,9.0.673.18

Win7, Vista and XP x86:

HKEY\_LOCAL\_MACHINE\SOFTWARE\Ralink Corporation\Ralink Bluetooth Stack\ Ralink  
BT,9.0.673.18

Version : V.9.0.656.10

1. Fixed: install A2DP service issue
2. Fixed: HDMI Audio can't work after doing A2DP

Version : V.9.0.656.9

1. FTP/OPP: support file size more than 4G
2. BT volume button will be mute after S3/S4
3. Update Korean words
4. Improve BT driver initial time

Version : V.9.0.656.7

1. Add Hot key F5 feature for FTP profile
2. Fixed one FTP unstable issue: can't open remote folder.
3. Improve SCO quality
4. The status of SCO connection button isn't synchronized sometimes
5. Changed the Korean language translation for string "Control"
6. Fix the SCO in issue
7. Update filter and l2cap interface driver for "BT menu" issue

Version : V.9.0.656.1

1. Improve overall performance of TX/ RX

Version : V.9.0.656.0

1. Remove "Mute" button and support to connect A2DP or HFP of headset automatically
2. Fixed IOT issue with BT printer(Canon MP460)
3. Revise Korean translation
4. Support dynamic multiple language
5. Fixed BSOD issue by NULL pointer in restarting system
6. Fixed BT keyboard icon changed after S3/S4 issue

Version : V.9.0.651.0

1. Fixed driver yellow bang issue with stress S3/S4 tests
2. Fixed FW reset failure with stress S3/S4 tests
3. Add unsupported profile GUID {00004C48-0000-1000-8000-00805F9B34FB}

**Version : V.9.0.646.0**

1. Support A2DP Sink to connect A2DP Source
2. Multi-language improvement  
(if "Shared Tab Path" includes Korean, character is broken)
3. BT3.0+HS IOT issue with Intel
4. Fixed a yellow bang after pairing with Intel

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