



BTW 5.5.0.4100

Release Notes

August 04, 2008

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INTRODUCTION

BTW 5.5 is the latest release of Broadcom's complete Bluetooth solution (core Bluetooth stack, profiles and user interface) for Microsoft Windows XP Operating System personal computers. Leveraging the BTW 5.1 release, Broadcom's BTW 5.5 support the Bluetooth SIG's 2.1 specifications. The Bluetooth 2.1 specification includes the following new features:

- Secure Simple Pairing
- Sniff Subrating
- Extended Inquiry Response
- Link Supervision Timeout Changed Event
- Encryption Pause and Resume
- Erroneous Data Reporting
- Non-Automatically Flushable Packet Boundary Flag
- Security Mode 4

CUSTOMER SUPPORT PORTAL (CSP)

Customers can submit enhancements, changes and/or defects against releases of software or firmware via the Broadcom Customer Support Portal (CSP). CSP cases are replicated into the Broadcom Bluetooth engineering change management database for review by the engineering community and change control boards.

If your project or program is not listed inside the CSP please contact your Broadcom representative whom can configure the CSP system for use with your unique needs.

To start using the CSP please visit <http://support.broadcom.com>.

Installation Command Line Options

To install BTW from command line prompt or from a batch file, use the following command line options:

Setup.exe [/qn | /qb | /qr] [/nw] [/nodfu] [/L<LangId>] [/ru] [/ri]

/qn - Silent install without any UI and user interaction

/qb - Silent install with basic UI with progress dialog without any user interaction

/qr - Silent install with full UI without any user interaction

/nw- Setup.exe does not wait for BTW install to complete, exits after invoking MSI install.

/nodfu- Do not execute DFU during BTW install (even if configured for DFU in SvcPack.ini file)

/noinf - Do not install USB inf file, bcbtums*.inf for Vista and btwusb.inf for XP. (Newly added since 5.5.0.900 and 6.1.0.2800)

/L -Installation language

<LangId> can be one of the following

1033: English

1046: Portuguese (Brazilian)

1028: Chinese Tradition

2052: Chinese Simplified

1030: Danish

1043: Dutch

1035: Finnish

1036: French

1031: German

1040: Italian

1041: Japanese

1042: Korean

1044: Norwegian

1034: Spanish

1053: Swedish

1049: Russian

1045: Polish

14337: Arabic

1029: Czech

1032: Greek

1037: Hebrew

1050: Croatian

1038: Hungarian

2070: Portuguese (European)

1048: Romanian

1055: Turkish

/ru - Suppress reboot at the end of uninstall. (Relevant for Windows 98 and ME during upgrade)

/ri - Suppress reboot at the end of install (Relevant for Windows 98 and ME and if reboot is required on Windows 2000).

For example, to install silently without any UI in German language, use the following command line

```
setup.exe /qn /L1031
```

Signed Driver Report

Folder: x:\BTW\btw1.2\bin\drivers

Driver: Signed? Signature: Valid? SubmissionID: Version:

```
-----  
btaudio.cat      Yes  WHQL  Yes  1293810  5.5.0.3500  
btfaxmdm.cat    Yes  WHQL  Yes  1283216  5.5.0.2300  
btport.cat      Yes  WHQL  Yes  1283221  5.5.0.2300  
btusbflt.cat    Yes  WHQL  Yes  1280598  6.2.0.1300  
btw.cat         Yes  WHQL  Yes  1300678  5.5.0.4000  
btwdndis.cat    Yes  WHQL  Yes  1300680  5.5.0.4000  
btwhidnt.cat    Yes  WHQL  Yes  1284132  5.5.0.2600  
btwiacam.cat    Yes  WHQL  Yes  1283232  5.5.0.2300  
btwusb.cat      Yes  WHQL  Yes  1300682  5.5.0.4000  
frmupgr.cat     Yes  WHQL  Yes  1280599  6.2.0.1300  
wc_modem.cat    Yes  WHQL  Yes  1283226  5.5.0.2300  
bcbthid32.cat   Yes  WHQL  Yes  1286483  6.1.0.4500
```

Folder: x:\BTW\btw1.2\bin\amd64\drivers

Driver: Signed? Signature: Valid? SubmissionID: Version:

```
-----  
btaudio.cat      Yes  WHQL  Yes  1293810  5.5.0.3500  
btfaxmdm.cat    Yes  WHQL  Yes  1283216  5.5.0.2300  
btport.cat      Yes  WHQL  Yes  1283221  5.5.0.2300  
btusbflt64.cat  Yes  WHQL  Yes  1280598  6.2.0.1300  
btw.cat         Yes  WHQL  Yes  1300678  5.5.0.4000  
btwdndis.cat    Yes  WHQL  Yes  1300680  5.5.0.4000  
btwhidnt.cat    Yes  WHQL  Yes  1284132  5.5.0.2600  
btwiacam.cat    Yes  WHQL  Yes  1283232  5.5.0.2300  
btwusb.cat      Yes  WHQL  Yes  1300682  5.5.0.4000  
frmupgr64.cat   Yes  WHQL  Yes  1280599  6.2.0.1300  
wc_modem.cat    Yes  WHQL  Yes  1283226  5.5.0.2300  
bcbthid64.cat   Yes  WHQL  Yes  1286483  6.1.0.4500
```

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Resolved Defects

Critical

BLTH00126248

Subsystem: Localization

Headline:

French: Quick Connect menu option for HF and Stereo Audio not seen.

Release Note:

Fixed localization

BLTH00126599

Subsystem: Localization

Headline:

Danish OS / MUI : Quick Connect UI does not have the options Handsfree and Stereo Audio UI.

Release Note:

Fixed localization

BLTH00136727

Subsystem: Localization

Headline:

Bluetooth Quick Connect command is blank in EMEA language

Release Note:

Fixed localization issue

Resolved Defects

Major

BLTH00126234**Subsystem: Localization****Headline:**

German MUI/OS : Some services are not displayed at all. We see blank spaces instead.

Release Note:

Fixed localization

BLTH00126249**Subsystem: Localization****Headline:**

French: Service Selection window and BTN shows same name for HFP and Stereo service, (AND same name for Printer and Basic Imaging)

Release Note:

Fixed localization

BLTH00126250**Subsystem: Localization****Headline:**

French: Audio Gateway string is not localized in BTN and Service Selection window.

Release Note:

Fixed localization

BLTH00126603**Subsystem: Localization****Headline:**

Italian OS /MUI : Quick Connect UI does not have Handsfree and Stereo Audio UI.

Release Note:

Fixed localization

Resolved Defects

Major

BLTH00126613**Subsystem: Localization****Headline:**

Italian OS /MUI : HF Conformation windows does not have text contents.

Release Note:Fixed localization

BLTH00126614**Subsystem: Localization****Headline:**

Italian OS /MUI : Both HF and Stereo audio have same names.

Release Note:Fixed localization

BLTH00127173**Subsystem: Localization****Headline:**

Dutch OS/MUI : Quick Connect option does not display services "Hands Free " and "Stereo Audio"

Release Note:Fixed localization

BLTH00127179**Subsystem: Localization****Headline:**

Dutch MUI/OS : My bluetooth places shows " Hands Free" and "Stereo Audio" Services by same name for paired device

Release Note:Fixed localization

Resolved Defects

Major

BLTH00127181**Subsystem: Localization****Headline:**

Dutch MUI/Os : "HAndsfree" and "Stereo Audio" string is not localized for Bt stereo headset popup menu.

Release Note:

Fixed localization

BLTH00127386**Subsystem: Localization****Headline:**

Spanish OS/ MUI : Services "Hands-Free" and Stereo Audio " not dispalyed in Quick Connect option

Release Note:

Fixed localization

BLTH00127685**Subsystem: Localization****Headline:**

Swedish: Quick connection menu option - Hands-free and stereo audio is not displayed.

Release Note:

Fixed localization

BLTH00127692**Subsystem: Localization****Headline:**

Danish: HF connection complete window is blank.

Release Note:

Fixed localization

Resolved Defects

Major

BLTH00128119

Subsystem: Localization

Headline:

Finnish: Quick Connect: Hands-free and Stereo Audio menu option are not seen in Quick connect menu.

Release Note:

Fixed localization

BLTH00128124

Subsystem: Localization

Headline:

Finnish: HF connection complete dialog window is blank.

Release Note:

Fixed localization

BLTH00128636

Subsystem: Localization

Headline:

Norwegian: Quick Connect menu - Stereo Audio and Hands-free service not displayed

Release Note:

Fixed localization

BLTH00128641

Subsystem: Localization

Headline:

Norwegian: Hands-free connection complete dialog is blank.

Release Note:

Fixed localization

Resolved Defects

Major

BLTH00128647

Subsystem: Localization

Headline:

Portuguese(Brazil): Quick connect menu option does not show service Stereo Audio and Hands-free.

Release Note:

Fixed localization

BLTH00128649

Subsystem: Localization

Headline:

Portuguese (Brazil): HF connection complete dialog UI do not show any text.

Release Note:

Fixed localization

BLTH00128975

Subsystem: Localization

Headline:

Russain:Dial Up Networking, Audio Gateway and Bluetooth Imaging is not localized.

Release Note:

Fixed localization

BLTH00132021

Subsystem: Other

Headline:

add a new pid/vid to BTW5.x

Release Note:

Added new pid/vids

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Resolved Defects

Major

BLTH00136203**Subsystem: Driver****Headline:**

BCM2070 new PIDs request; add into btwusb driver btwusb.inf

Release Note:Added new pid/vids

BLTH00137537**Subsystem: Localization****Headline:**

5.5 Czech: BTW UI is displayed in English.

Release Note:The localized dlls were missing.

BLTH00137664**Subsystem: Installation****Headline:**

FAX server configurable thru custom.ini

Release Note:Enable\disable Fax service thru custom.ini setting
