

BTW12.0.1.713 USB Driver Package



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Release Notes

October 9, 2015

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16340 West Bernardo Drive
San Diego, CA 92127
Phone: (858) 385-8800
Fax: (858) 385-8810

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INTRODUCTION

This software package consists of the BTW12 build 12.0.1.713 that contains the software applications and drivers that can be installed on Win8.1 and Win10 Intel x86 / x64 USB platforms

This release of BTW12 contains drivers for the x86 / x64 USB platforms that passed WHCK tests.

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.

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Issues Fixed – Windows 8

| Defect ID | Description |
|--------------|--|
| BLTH03490124 | Language issue at zh-HK (Traditional Chinese, Hong Kong) and zh-SG (Simplified Chinese, Singapore)[713] |
| BLTH03481924 | Language issue at zh-HK (Traditional Chinese, Hong Kong) and zh-SG (Simplified Chinese, Singapore)[712] |
| BLTH03470912 | 4356A2 FW update - 640E - 32bit & 64bit -win8/win8.1/win10 WHCK[710] |
| BLTH03471292 | driver update for btwaudio[690] |
| BLTH03470924 | drivers update for btwavdt, btwrchid and btwl2cap[690] |
| BLTH03469157 | Change DW1830 FW for WHCK- 0A5C/6410 - 32/64 bit - win8/8.1 WHCK[680] |
| BLTH03469407 | change 43241 FW request for upgrade FW baseline from 249 to 311[670] |
| BLTH03469836 | Upgrade VID_04CA&PID_2012, VID_0489&PID_E096 FW baseline of BCM43142A0 from 277 to 311 - Win8.1/Win10 WHCK/HLK[670] |
| BLTH03469970 | DW1704 43142A0 FW update - 32bit & 64bit - win8/win8.1/win10 WHCK DUA[670] |
| BLTH03469530 | 43142A0 FW update - 32bit & 64bit - win8/win8.1/win10 WHCK DUA[670] |
| BLTH03469516 | 4350C5 FW update - 32bit & 64bit - win8/win8.1/win10 WHCK[670] |
| BLTH03470099 | Combined USB/UART MSI driver installer works only for DEV+WHCK package, fails on WHCK-only. [660] |
| BLTH03467951 | Mouse Cursor of Controlling System Is Visible When using Remote Keyboard and Mouse. [660] |
| BLTH03470070 | Updated MUP xml for Win10[660] |
| BLTH03469305 | Remove devices from BTW12 USB -Dev package[650] |
| BLTH03469166 | Upgrade HP FW baseline of BCM43142A0 from 249 to 311 - Win8.1/Win10 WHCK/HLK[650] |
| BLTH03468506 | Remove devices from Win10 Section in bcbtums-DEV file[640] |
| BLTH03468502 | Check in INF and DUA signed files[640] |
| BLTH03467863 | Devices listed in the -DEV driver package (USB and UART) before12.0.1.610 will not install on Win10[630] |
| BLTH03467860 | update USB driver based on latest Logo'd devices, add Logo signed files for 12.0.1.616 submission[630] |
| BLTH03467866 | Produce MSI driver installer for DEV files[630] |
| BLTH03467416 | Add Logo signed USB driver version 12.0.1.610[620] |
| BLTH03466532 | 4350C5 FW update - 32bit & 64bit - win8/win8.1 WHCK[610] |
| BLTH03466889 | Add new project in Win8 -dev package for 20703A1 Runtime RAM Dongle[610] |
| BLTH03467190 | Add 20702 standalone devices for Win10 DUA[610] |
| BLTH03467195 | Devices with Win8.1 logo but not Win10 Logo will not install on Win10[610] |
| BLTH03461154 | Use VS 2012 for phone library and sample apps[610] |
| BLTH03466221 | 4350C5 6414 device to DEV package with test generic 0080.0000 FW [600] |
| BLTH03463520 | Update FW and add new project in Win8 -dev package for 4350C5/43602/4371C2[600] |
| BLTH03464015 | Need new VID/PID 04F2/B4A2 to be added in BTW12 for BCM4356A2 - Win8/8.1 WHCK[600] |
| BLTH03465837 | Need new VID_13D3&PID_3492 and VID_13D3&PID_3485 to be added and change FW in BTW12 for BCM4356A2 with WHCK build[600] |
| BLTH03461219 | Moved 4350zae module ID 0A5C/6414 from DEV to WHCK driver package-Win8 [590] |
| BLTH03462478 | BTW 12 USB: 4350C5 FW update - 32bit & 64bit - win8/win8.1 WHCK[590] |
| BLTH03462262 | Fix install issue[590] |
| BLTH03463221 | BTW file transfer authorization dialog[590] |
| BLTH03463959 | Music stops streaming while OPP or FTP file transfer is initiated. [590] |
| BLTH03461468 | Use Obex over RFCOMM when audio is connected[1570] |
| BLTH03461429 | File transfer fails (Lenovo 43162) [1570] |
| BLTH03459311 | pop up message twice when transfer file in win10[1560] |

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|--------------|--|
| BLTH03460241 | Fix UI language for uninstall[1560] |
| BLTH03458603 | Added new vid/pid in BTW12 for BCM4356A2 - Win8/8.1 WHCK (x86/x64) [1550] |
| BLTH03459109 | New VID/PID 04F2/B4A1 added in BTW12 for BCM43142A0 - Win8/8.1 WHCK[1550] |
| BLTH03456492 | Use locale language for install[1540] |
| BLTH03458513 | BTW Phone App A2DP problems[1520] |
| BLTH03457831 | Add A2DP connect/disconnect to BtwPhoneLib[1510] |
| BLTH03456770 | Driver update for .310 btwavdt[1450] |
| BLTH03456415 | Unable to install on Win10[1400] |
| BLTH03454957 | BTW12 Localization of toast messages for Win10[1400] |
| BLTH03456396 | BTW RssiLib suppor for BW not installed[1400] |
| BLTH03408640 | Unable to connect "Play audio stored on other computer through my computer"(AV sink) [1300] |
| BLTH03452630 | Memory leak in btwavdt.sys when performing A2DP Sink[1300] |
| BLTH03453116 | BSOD issue by btwaudio.sys when cold boot stress testing[1300] |
| BLTH03449608 | Add DRM signature attributes to btwaudio INF file[1300] |
| BLTH03448807 | Both sink and source is connected after reboot[1300] |
| BLTH03448679 | BTW proximity API and sample app or native code win8[1300] |
| BLTH03444465 | No sound output after power off/on BT headset [1300] |
| BLTH03447344 | Change 4356A2 FW for WHCK- 640E - 32/64 bit - win8/win8.1 - WHCK[1280] |
| BLTH03448854 | add new 4349 device VID/PID = 0A5C/6404 - 32/64bit - win8/8.1 - DEV[1280] |
| BLTH03449866 | Please add 43602 (20703A1) Project VID/PID to BTW 12 32/64 bit as non-WHCK[1280] |
| BLTH03446560 | Change FW for 4356A2 w/ radio control added - 640E - 32/64 bit - win8/win8.1 - DUA[1280] |
| BLTH03444465 | No sound output after power off/on BT headset.[1275] |
| BLTH03448679 | Added native code support to the RSSI API and native code sample (in C++). Added support for 64-bit build.[1275] |
| BLTH03445232 | Upgrade FW baseline of VID/PID 105B/E065 of BTW12 for BCM43142A0 - Win8/8.1 WHCK[1250] |
| BLTH03445885 | Add new 4350C0 devices VID/PID = 0A5C/640F and 4339A1 0A5C/6403 - 32/64bit - win8/8.1 - DEV[1240] |
| BLTH03438592 | LCFC Factory request for enable/disable Bluetooth discovery[1220] |
| BLTH03444564 | Change FW for 4350C0 w/ radio control fix - 0A5C/640D - 32bit & 64bit - win8/win8.1 DEV[1210] |
| BLTH03444555 | Change FW for 4356A2 w/ radio control added - 640E - 32/64 bit - win8/win8.1 - DUA[1210] |
| BLTH03444492 | BTW12 USB Add CM3 Workaround flag for 0489/E096 and 185F/2167 devices 32/64 WHCK[1210] |
| BLTH03442669 | Need new VID/PID 13D3/3482 and 13D3/3484 to be added in BTW12 for BCM43142A0 - Win8/8.1 WHCK (both x86 and x64) [1210] |
| BLTH03441057 | VID/PID 0A5C/745E of BTW12 for 20703A1- Win8/8.1 WHCK[1210] |
| BLTH03444469 | Need new VID/PID 04F2/B49D to be added in BTW12 for BCM43142A0 - Win8/8.1 WHCK (both x86 and x64) [1210] |
| BLTH03440768 | VID/PID to be added in BTW12 bcbtums driver 4356 NGFF combo module[1200] |
| BLTH03441863 | BTW RSSI api does not work for LE devices[1190] |
| BLTH03441626 | BTW get raw rssi function needs to be moved to service[1170] |
| BLTH03440279 | Added proximity sample app[1170] |
| BLTH03440032 | new project 4350zae - VID/PID=0A5C/640D - 32bit & 64bit - win8/win8.1 DEV[1170] |
| BLTH03434920 | Added 43228 + 20702 M.2 project, WHCK package [1160] |
| BLTH03436589 | VID/PID to be added in BTW12 bcbtums WHCK driver for 43162 NGFF combo module[1160] |
| BLTH03435444 | Changed FW for 4360+20702 HMB - VID/PID = 0B05/180A - WHCK[1160] |
| BLTH03439141 | Drivers updated for BTW12 btwaudio, btwavdt and btwrchid. [1150] |

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| BLTH03238641 | Software Off/On fails to work as expected on source side while streaming music. . [1150] |
| BLTH03423568 | Change FW of VID/PID 105B/E065 of BTW12 for BCM43142A0 - Win8/8.1 WHCK. [9990] |
| BLTH03410336 | No sound output after power off/on BT speaker[9990] |
| BLTH03422265 | VID/PID 0489/E096 added in BTW12 for BCM43142A0 - Win8/8.1 WHCK[9980] |
| BLTH03410383 | BTW12 USB device VID_0A5C&PID_745E from dev inf to whck inf[9980] |
| BLTH03144313 | Support multi party calls for Nokia HFP[9980] |
| BLTH03410369 | USB change name of 20703 device to "4.1" instead of "4.0" bcbtums-DEV[9970] |
| BLTH03338372 | Unable to download phonebook 2nd time after a delay of 3min[9950] |
| BLTH03301432 | Update 43142 projects in Win8/8.1 to baseline 249[9890] |
| BLTH03255349 | Change FW for 20702 projects -DUA[9880] |
| BLTH03303441 | driver update for btwserialbus and bcbtums files[9880] |
| BLTH03273509 | PSExec cannot upgrade BTW[9860] |
| BLTH03236907 | Signed files for Win8 and 8.1[9850] |
| BLTH03219394 | Change 20702A1 FW to baseline v1483 - fix audio playback *glitch* when inquiry[build 9840] |
| BLTH03219340 | Update 20702A1 baseline to 1483[build 9840] |
| BLTH03193437 | Add new VID_0B05/PID_180A with 20702 FW to BTW WHCK[build 9840] |
| BLTH03208191 | Add new Projects to BTW 12 32/64 bit non-WHCK[build 9840] |
| BLTH03146284 | Request a win8 WHCK BT driver[build 9820] |
| BLTH03122463 | Driver only installer can't re-install the driver once removed from device manager[build 9810] |
| BLTH03100096 | BCM43162 VID_0489&PID_E079 change FW to 0066.0115 -Win8/8.1 WHCK[build 9800] |
| BLTH03098021 | Add 4352+20702 M.2 project to -BTW - VID/PID = 0A5C/216F, for WHCK[build 9760] |
| BLTH03084903 | Add 4352+20702 M.2 project to -BTW - VID/PID = 0A5C/216F[build 9760] |
| BLTH02611628 | Reject From HF fails[build 9750] |
| BLTH03045672 | Added support for requested device in -DEV USB driver package[build 9665] |
| BLTH03053340 | Customization for HF, PBAP, MAP[build 9665] |
| BLTH02292915 | Wi-Fi Display App update[build 9600] |
| BLTH03041234 | VID/PID to be added in BTW12 bcbtums driver for 43228 NGFF WHCK[build 9590] |
| BLTH02995019 | Add BRCM 43162Z FW to BTW12 WHCK .inf under Family WHCK[build 9580] |
| BLTH02938853 | Change 20702A1 (PID/VID: 04CA/200F) FW TX power table [build 9580] |
| BLTH02940582 | Spy doesn't work in USB driver-only deploys[build 9580] |
| BLTH02978139 | Sleep/Hibernate-> Headset not connects to HF service[build 9550] |
| BLTH02958066 | BT Headphone audio quality is poor when resuming from S4[build 9550] |
| BLTH02986899 | driver update for btwaudio, btwavdt and btwrchid[build 9550] |
| BLTH02970668 | Change FW for 43162 NGFF - VID/PID = 0489/E079 &0930/0229 - WHCK[build 9500] |
| BLTH02970670 | drivers update for btwaudio, btwavdt and btwrchid[build 9400] |
| BLTH02970679 | drivers update for bcbtums and btwserialbus[build 9400] |
| BLTH02970670 | drivers update for btwaudio, btwavdt and btwrchid[build 9400] |
| BLTH02970679 | drivers update for bcbtums and btwserialbus[build 9400] |
| BLTH02891337 | Only HFP profile will be connected if pair certain BT Speaker to PC twice[build 9390] |
| BLTH02924854 | Remove specific text from customer customized ini file for BTW install[build 9390] |
| BLTH02954435 | BT device tray icon on task bar not sync with BT device[build 9390] |
| BLTH02596954 | FTP file transfer fails during Inquiry[build 9390] |
| BLTH02919515 | Audio/image/video file cannot be received by another user [build 9380] |
| BLTH02876384 | File is overwritten without warning when same name file is received. [build 9380] |
| BLTH0292497 | added in BTW12 bcbtums WHCK driver for 43162 NGFF combo module[build 9360] |
| BLTH02921339 | Install remote control HID driver on demand[build 9350] |

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| BLTH02887678 | Spy should try BTWAMPFL after USB or UART transport drivers[build 9200] |
| BLTH02853765 | HID device connection is going but mouse movement seen on both systems. [build 9200] |
| BLTH02893083 | btw audio driver whql signed files check in[build 9200] |
| BLTH02870615 | PC-PC AV Connected, But Music is not heard on AV sink system[build 9190] |
| BLTH02790193 | Around 1 Sec audio break is observed after 20-30 sec in BT HS[build 9180] |
| BLTH02850032 | Added VID/PID (185F/2167) to be added in BTW12[build 9170] |
| BLTH02841366 | Added VID/PID (04CA/200F) in BTW12[build 9170] |
| BLTH02839533 | Remove CM3 INF flag for 4335 based chips[build 9170] |
| BLTH02837679 | Connect HID device opens full screen HIDdevice tray[build 9170] |
| BLTH02817451 | HID Device connection is not going through. [build 9150] |
| BLTH02820538 | VID/PID (13D3/3435) to be added in BTW12 for BCM20702A1_4352 [build 9140] |
| BLTH02776073 | Change 43162 FW for VID/PID 0489/E079 - win8 & win 8.1 -DEV [build 9140] |
| BLTH02764302 | Added VID/PID 0A5C/745D for 20703A0 Serial Flash Dongle non-UHE [build 9140] |
| BLTH02710117 | VID/PID to be added in BTW12 bcbtums driver for 4352 NGFF [build 9140] |
| BLTH02820542 | VID/PID (13D3/3456) added in BTW12 for BCM20702A1_4352 [build 9140] |
| BLTH02779743 | Add ACPIID BCM2E5C to btwserialbus.inf file for 43241B4 Project [build 9140] |
| BLTH02818753 | Change 43228+20702 FW for module VID/PID 04CA/200E WHCK [build 9140] |
| BLTH02818782 | MSI based installer does not work on x64[build 9130] |
| BLTH02797953 | Add localization support to new MSI driver installer[build 9120] |
| BLTH02711846 | HFP API - Hold the active call then hang up,call does not end. [build 9110] |
| BLTH02507326 | Mouse movement is not smooth during HID device connectionbuild 9110] |
| BLTH02713727 | Force to end task via taskkill[build 9100] |
| BLTH02741538 | BTTray handle count increase in Mem usage analysis [build 9090] |
| BLTH02711938 | Add new project 43162 NGFF into BTW - VID/PID = 0A5C/216E[build 9060] |
| BLTH02708124 | Add new project 43162 NGFF into BTW - VID/PID = 0930/0229[build 9060] |
| BLTH02707915 | change 20702 FW to baseline 1443.0000 - LE Dual Mode fix - Win8/8.1 WHCK |
| BLTH02704802 | Added in BTW12 bcbtums driver for 43162 NGFF combo module[build 9060] |
| BLTH02698089 | 43142A0 USB hub failure workaround[build 9060] |
| BLTH02698090 | change 20702 FW to baseline 1443.0000 - LE Dual Mode fix - Win8/8.1 WHCK |
| BLTH02694665 | driver update for bcbtums and btwserialbus [build 9000] |
| BLTH02631893 | Merge btwrsupport code for LS and 4.0 radios[build 9000] |
| BLTH02616726 | Add 4352z ngff combo device into BTW -VID/PID = 0A5C/216B [build 9000] |
| BLTH02603829 | AddDW1708 43142Y combo device into BTW - VID/PID = 0A5C/216A [build 9000] |
| BLTH02577897 | Radio on/off does not work on Win8.1 and BT 3.0 radio[build 9000] |
| BLTH02629831 | Uninstall after OS upgrade[build 9000] |
| BLTH02677803 | Add 43142Y ngff combo device into BTW -VID/PID = 0A5C/216D [build 9000] |
| BLTH02663314 | change 43142 FW for device 2007 - Win8 and 8.1 WHCK package [build 9000] |
| BLTH02659745 | Change 43228+2072 combo FW for module VID/PID 105B/E066 - WHCK[build 9000] |
| BLTH02657213 | Need VID/PID to be added in BTW12 bcbtums driver for 43228 NGFF combo module [build 9000] |
| BLTH02643745 | 43142A0 FW for module VID/PID 105B/E065 - win8 & win 8.1 WHCK [build 9000] |
| BLTH02626279 | Remote mouse not smooth when use "Remote Keyboard and Mouse"[build 8070] |
| BLTH02641822 | BT P2P WHCK failure. [build 8060] |
| BLTH02570348 | Sleep PnP test BSOD due to BTW. [build 8050] |
| BLTH02557968 | HFP and A2DP services are not connected if the headset is removed and paired again. [build 8030] |
| BLTH02540444 | BT headset can't auto connect after re-paired. [build 8030] |

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| BLTH02528392 | Please add BRCM Generic 43228Z project (0A5C/2169) to BTW12 Win8 and Win8.1. [build 8030] |
| BLTH02526254 | Help files for Chinese language are incorrect. [build 7850] |
| BLTH02513564 | WHCK test failes with BTW installed on Harrisbeach. This resulted in changes to the BT stack server and is therefore listed here. [build 7820] |
| BLTH02420557 | Change 20702 FW to baseline 1315.0000. [build 7402] |
| BLTH02377257 | Change the hex file to for 43142 combo module VID/PID = 105B/E065. [build 7200] |
| BLTH02375657 | Connection failed when connected with Sony wireless speaker SRS-BTV5. [build 7100] |
| BLTH02309586 | Driver to fix Windows 8 to WinBlue upgrade. [build 7100] |
| BLTH02272762 | Change FW hex file for 4352 NGFF into BTW - VID/PID = 0930/0223. [build 7100] |
| BLTH02265548 | Update for help file. [build 7000] |
| BLTH02259154 | Update Supra/Bumblebee/Vegas hex files to add LED Radio Off state. [build 7100] |
| BLTH02258953 | Need VID/PID to be added in BTW12 bcbtums driver for 4352+20702 NGFF combo module. [build 7100] |
| BLTH02253676 | Add new project 4352 NGFF into BTW - VID/PID = 0930/0223. [build 7100] |
| BLTH02194130 | Device Install Check For Other Device Stability WHCK test fails for 4352 using 6273 driver. [build 7100] |
| BLTH02246956 | Update HEX files to add LED Radio Off state. [build 6950] |
| BLTH02225042 | Added new VID/PID 0A5C/2167 for 43142Y (NGFF) to BTW 12 (non WHCK) and update FW for existing Project. [build 6900] |
| BLTH02221771 | Add new project 43142 combo device into BTW - VID/PID = 0A5C/21FE. [build 6900] |
| BLTH02219171 | Changed 43142 FW due to output power changes - 04CA/2007. [build 6900] |
| BLTH02211080 | Need VID/PID to be added in BTW12 bcbtums driver for 4360+20702 combo module. [build 6900] |
| BLTH02210954 | BTiTunesPlugin.exe error pop-out when reboot system with iTunes open. [build 6900] |
| BLTH02209065 | Please update FW in BTW 12 for BRCM Generic 4335B0 VID/PID 0A5C/2166. [build 6900] |
| BLTH02208957 | Need VID/PID to be added in BTW12 bcbtums driver for 43142 combo module. [build 6900] |
| BLTH02090526 | Pop up an exclamation mark in the system tray. [build 6850] |
| BLTH02194154 | Fix security vulnerabilities as per MSDN documentation. [build 6800] |
| BLTH02205419 | WHCK signed bcbtums version 12.0.0.6273. [build 6600] |
| BLTH02179089 | Unknow Bluetooth peripheral device will be added to Devmgmr after pairing with BT HS. [build 6600] |
| BLTH02178977 | BTW 12 USB: change 43142 FW for LED changes- 04CA/2007. [build 6600] |
| BLTH02177046 | Change the hex file to new release for 43228+20702 combo module VID/PID = 105B/E066. [build 6600] |
| BLTH02177043 | Change the hex file to new release for 43142 combo module VID/PID = 105B/E065. [build 6600] |
| BLTH02175333 | BT speaker still shows in playback after removed this device in Win8. [build 6600] |
| BLTH02163635 | BT still able to inquiry when air-plane mode ON. [build 6600] |
| BLTH02162046 | Add new program (4352z) and update existing FW program (4335B0). [build 6600] |
| BLTH02140296 | Need support in BTW 12 for testing the new 4360 chip 0A5C_21FC. [build 6600] |
| BLTH02177310 | Need VID/PID to be added in BTW12 bcbtums driver for 20702+4352 combo module. [build 6500] |
| BLTH02088868 | Not able to search nearby devices after software off-on. [build 6500] |
| BLTH02143228 | Add bcmhidnossr package to BTW install. [build 6400] |
| BLTH02137044 | Display turns on by plugging in USB device when airplane mode is turned on. [build 6400] |

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| BLTH02135217 | Installation log is not generated with f2 option. [build 6350] |
| BLTH02107254 | BTW 12 FTP Fails eventually after numerous attempts. [build 6300] |
| BLTH02105355 | 43142 Combo card does not enumerate correctly. [build 6300] |
| BLTH02092149 | Incorrect File size shown if remote has a large file. [build 6200] |
| BLTH02081488 | BTW FW Update for 4352 VID/PID 13D3/3404. [build 6100] |
| BLTH02046114 | Change the 20702 family hex files to new release with HID fix (HID failed to disconnect after BT off) in baseline 1055.0000. [build 5900] |
| BLTH02046091 | Add new project 20702 + 4352 combo device into BTW - VID/PID = 0A5C/21FB. [build 5900] |
| BLTH02032248 | Change the hex file to new release for 43142 combo module VID/PID = 105B/E065. [build 5900] |
| BLTH01995484 | BT Stack COM server crash observed during FTP server system power cycle. [build 5900] |
| BLTH02056537 | Stack server may crash when PAN connecting to iPhone. [build 5860] |
| BLTH02051939 | Correct btwavdt driver event initialization problem. [build 5850] |
| BLTH02051763 | Cannot establish PAN when paired with Smart phone. [build 5850] |
| BLTH02029896 | Change btwdins service installation path. [build 5600] |
| BLTH01970656 | BSOD on Win832/64bit OS: Pair & Connect BT headset and plug out dongle. [build 5300] |
| BLTH01886586 | BSOD 0xC4 occur during Sleep and PNP with IO WHCK test. [build 5300] |
| BLTH01957652 | Driver update for btwpanfl and btwampfl. [build 5200] |
| BLTH01883550 | BTWPANFL BSOD. [build 5200] |
| BLTH01945282 | OPP file transfer fails to switch to AMP when PAN-AMP file transfer is cancelled/PAN connection is disconnected. [build 5200] |
| BLTH01942109 | Unable to reconnect PAN when PAN is disconnected during PAN +OPP data transfer. [build 5200] |
| BLTH01940738 | OPP file transfer stops when PAN and OPP file transfer initiated immediately one after other. [build 5200] |
| BLTH01895970 | Congestion issue of PAN over AMP feature. [build 5200] |
| BLTH01860770 | Support for btwpanfl filter. [build 5200] |
| BLTH01852235 | PAN Filter Driver Development. [build 5200] |
| BLTH01911723 | BTHPAN BSOD in AMP over PAN testing. [build 5200] |
| BLTH01904072 | PAN over AMP: File transfer from both directions causes one side timed out. [build 5200] |
| BLTH01904071 | PAN over AMP: Occasionally PANFL to PANFL fails. [build 5200] |
| BLTH01835097 | A2DP audio is not heard on remote device after starting the Obex transfer (L2CAP) to the same or different device. [build 5200] |
| BLTH01853690 | Win8: mouse power status will disappear after s3, s4, s5 or restart. [build 5200] |
| BLTH01900582 | Unrecognized word is displayed during BTW installation. [build 5100] |
| BLTH01897140 | Add support for new combo device into BTW - VID/PID = 0930/0221. [build 5100] |
| BLTH01896005 | Change the BTW12 single installer sequence. [build 5000] |
| BLTH01889952 | System restarts automatically while BTW installation. [build 5000] |
| BLTH01855145 | After fresh install and pairing and try AV connection PC-PC, no audio is heard in sink PC. [build 4900] |
| BLTH01811642 | BTW not able to connect headset after Software Off-on multiple times. [build 4900] |
| BLTH01875628 | Change the 20702 standalone family hex files to new release with HID fix (HID failed to disconnect after BT off) in baseline 1055.0000. This is for devices 21E6 and 021E. [build 4800] |
| BLTH01870402 | Change the 20702 standalone family hex files to new release with HID fix (HID failed to disconnect after BT off) in baseline 1055.0000. This is for device E052. [build 4700] |

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| | |
|--------------|---|
| BLTH01852199 | Add new device into BTW - VID/PID =0489/E062. [build 4600] |
| BLTH01507005 | Lync: Music does not switch to AV if remote user declines the call. [build 4500] |
| BLTH01800186 | Change the 20702 standalone family hex files to new release with fix for LE HID reconnect failure in baseline 1010.0000. [build 4400] |
| BLTH01793826 | Change friendly name for 0A5C/21F1 for Windows 8. [build 4400] |
| BLTH01811456 | Fix for BTW toast notification under metro style. [build 4300] |
| BLTH01809850 | Change the 01A3 20702 device hex file to new release with fix for LE HID reconnect failure in baseline 1010.0000. [build 4200] |
| BLTH01795256 | Switch to desktop from metro. [build 4200] |
| BLTH01762024 | Cannot connect to headset after BT off/on using wireless switch. [build 4200] |
| BLTH01795264 | Add E031 20702 A0 device into legacy driver package in BTW12. [build 4100] |
| BLTH01763966 | Change the FW hex file to new release BTW for Broadcom 20702 module VID/PID = 0489/E042. [build 4050] |
| BLTH01751821 | Send a 0 byte file from BRCM to Intel will get error message "The request could not be honored". [build 4000] |
| BLTH01724455 | FTP file access permission is not show on the Start screen (CSP-557864) [build 4000] |
| BLTH01766058 | There are two BT icon on system tray when airplane mode ON. [build 3800] |
| BLTH01753585 | Control UI does not open after pairing with BLE Key fob and trying to open control UI of fob from devices and printers BT stackserver exits. [build 3550] |
| BLTH01747213 | BT tray icon status has no change in airplane mode ON. [build 3500] |
| BLTH01739065 | Stackserver and BTTray Disk I/O to be reduced per customer requirements. [build 3500] |
| BLTH01726012 | Sync is not successful after resumed from hibernate. [build 3400] |
| BLTH01721130 | Bluetooth COM server crash observed during AV connection after system resume from hibernate mode. [build 3400] |
| BLTH01735976 | BTW is non-functional for devices not serviced by bcbtums.sys. [build 3200] |
| BLTH01727834 | 20702 serial flash module ON/OFF function doesn't work. [build 3100] |
| BLTH01727817 | BtStackServer does not close FTP Client application correctly when system is put in S3/S4 state. [build 3100] |
| BLTH01576198 | File transfer does not switch to AMP after system resumes from power cycles (Sleep/hibernate). [build 3100] |
| BLTH01726113 | Driver update for btwampfl. [build 3000] |
| BLTH01726058 | Reduce time to start-up stackserver. [build 3000] |
| BLTH01724288 | BT Stackserver crashes while connecting to headset. [build 3000] |
| BLTH01703390 | Stackserver and BTTray Disk I/O to be reduced per customer requirements. [build 2950] |
| BLTH01706314 | BTW does not switch to AMP when FTP to Atheros stack. [build 2800] |
| BLTH01688847 | Need VID/PID 0489/E047 to be enabled in BTW12 bcbtums driver for 4313+20702 combo module. [build 2800] |
| BLTH01688845 | Need VID/PID 0489/E033 to be enabled in BTW12 bcbtums driver for 20702 flash module. [build 2800] |

BTW12.0.1.713 USB Driver Package

Driver Signing Report – Windows 8.1 and Win10

Folder: BTW 12.0.1.713_***/Win8.1/Win32/

| Driver: | Signed? | Signature: | Valid? | Submission ID: | Version: | OS list: |
|----------------------------|---------|------------|--------|----------------|-------------|--------------|
| bcbtums-win8x86-brcm.cat | Yes | WHQL | Yes | 1741128 | 12.0.1.658 | Win8.1 Win10 |
| --> btwampfl.sys | | | | | 12.0.1.410 | |
| --> btwrsupportservice.exe | | | | | 12.0.0.8048 | |
| --> bcmbtrsupport.dll | | | | | 12.0.1.410 | |
| --> btwdi.dll | | | | | 12.0.0.7030 | |
| --> bcbtums.sys | | | | | 12.0.1.410 | |
| btwaudio.cat | Yes | WHQL | Yes | 1738547 | 12.0.1.330 | Win8.1 Win10 |
| --> btwaudio.sys | | | | | 12.0.1.310 | |
| --> btwavdt.sys | | | | | 12.0.1.330 | |

Folder: BTW 12.0.1.713_***/Win8.1/Win64/

| Driver: | Signed? | Signature: | Valid? | Submission ID: | Version: | OS list: |
|----------------------------|---------|------------|--------|----------------|-------------|--------------|
| bcbtums-win8x64-brcm.cat | Yes | WHQL | Yes | 1741128 | 12.0.1.658 | Win8.1 Win10 |
| --> btwampfl.sys | | | | | 12.0.1.410 | |
| --> btwrsupportservice.exe | | | | | 12.0.0.8048 | |
| --> bcmbtrsupport.dll | | | | | 12.0.1.410 | |
| --> btwdi.dll | | | | | 12.0.0.7030 | |
| --> bcbtums.sys | | | | | 12.0.1.410 | |
| btwaudio64.cat | Yes | WHQL | Yes | 1738547 | 12.0.1.330 | Win8.1 Win10 |
| --> btwaudio.sys | | | | | 12.0.1.310 | |
| --> btwavdt.sys | | | | | 12.0.1.330 | |