

Battle Company NRF52 Wireless Headset pairing procedure

Make sure the following is setup

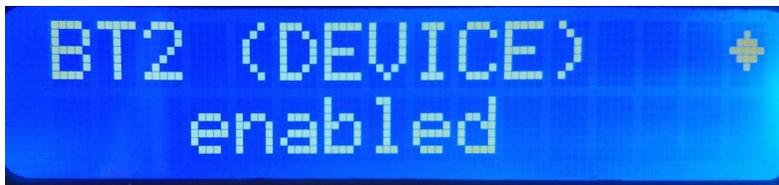


Need beta test firmware GUN300B2.dat or above

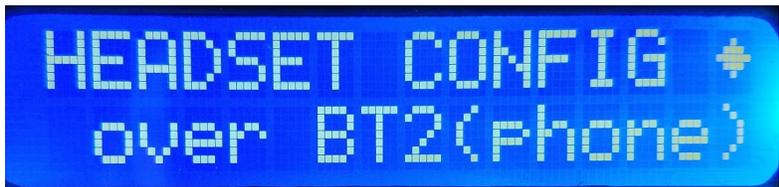
https://drive.google.com/file/d/1prAC8dG91ClvxJvR6tYECGNmvs_dmXIX/view?usp=sharing



Turn off BT module 1 (HC-05), eventually after both modules are NRF52, then this may change.



Turn on BT module 2 (NRF52), new headset can only pair to NRF52 host modules not HC05



***Important** set headset config to bluetooth module 2, so the gun knows which channel will be the IR sensor for gameplay. You can have 2 headset per gun, and 2 shock bracelet on other module if needed.

Enter Global Menu and Find BT2 DEVICE menu, press reload to enter



Set Type of bluetooth to this for NRF52 modules

Pairing NRF52 headset to Gen4 Gun



Turn on BT module 2 (NRF52), new headset can only pair to NRF52 host modules not HC05



***Important** set headset config to bluetooth module 2, so the gun knows which channel will be the IR sensor for gameplay. You can have 2 headset per gun, and 2 shock bracelet on other module if needed.

Enter Global Menu and Find BT2 DEVICE menu, press reload to enter



Set Type of bluetooth to this for NRF52 modules

*Note, when we populate both bluetooth slots with NRF52 module, they will both have central/host firmware, so either chip can run headset, and other chip can attach to shock bracelets or other future devices. Firmware can be updated wirelessly as well.



Enter this menu and press left/right to find key pair



Now you must turn ON headset and then press button on headset WHILE you press TRIGGER on gun inside the KEY PAIR menu.

*** IF using a shock bracelet, you use the same procedure and at this step, you would press the lightning bolt button on the shock bracelet while pressing TRIGGER on the gun in the KEY PAIR menu.



You should see +PK and then an OK message, headset should immediately connect and stop glowing. IT is now saved. No serial number required. It will connect instantly on power up of gun/headset. You can save 7 headset to a single gun/module. Two headset can be connected at once. NRF52 firmware supports two concurrent device connections at high speed.



Remember to save.

*** You may need to cycle power on headset and/or gun to get the headset to stop flashing, afterward lights should turn off.



If you accidentally paired a headset or want to remove all headset/bracelet etc, then press TRIGGER while in DEL PAIR menu. All headset should start to glow as they lost their whitelist connections.



You can do a quick test if you wish to verify connection, enter LED1,2,3 menu and press TRIGGER. You should see a quick blink on headset.

***Note, if using a shock bracelet, you can test shock functions (vibro and shock) in this menu, pairing process is same.**

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Statement: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.