

# T64 & L16 2.4 GHz Wireless USB® Receiver Firmware by Retro-Bit®

Version Update: 1.01

Release: 2021-11-10

This update requires a PC with Windows 7/10

This firmware includes the following updates:

- T64 & L16 - Allows for Pro Controller remapping on the Switch
- L16 - Adds a new shoulder swap macro (hold both L or both R buttons for 5 seconds to flip)
- T64 - Corrects a constant rumbling issue when using the NSO N64 application on the Switch
- T64 - Adds new macro (Start + A for 5 seconds) for proper mapping on the NSO N64 application on the Switch

This firmware is for use strictly for the **USB receiver** included with the following products:

- **Tribute64 2.4 GHz Wireless Controller**
- **Legacy16 2.4 GHz Wireless Controller**

**DO NOT INSTALL THIS FIRMWARE ON ANY OTHER DEVICE**

**DO NOT INSTALL THIS FIRMWARE WHILE STILL CONNECTED TO A CONSOLE**

**REMOVE ANY ATTACHED CONTROLLER PAKS BEFORE INSTALLING**

**THIS UPDATE IS NOT FOR THE SEGA 2.4 GHz CONTROLLERS - SEE ABOVE**

## **Installation Instructions**

1. Extract all of the items of the .zip file into the same folder. Do not move or change any of the included files.
2. Open the included updater called TestTool.exe (you may need to run as Admin if you run into issues).
3. Press and hold the sync button on the USB® receiver as you plug it into a free USB® slot on your Windows PC and continue holding it until your PC detects a new device and installs it (this is the Update Mode). The blinking light will remain on once it is in Update Mode.
4. On the updater program, select the USB® receiver under the dropdown for Device (should be a long serial code).
5. Select the firmware file under the dropdown for Firmware - for this, it will be 20211101\_Ftx\_Switch\_Dongle\_A25\_Test7.bin.
6. Select 'Download' on the update software and wait for the firmware to install.
7. Once completed, your USB receiver should now be auto-detected again by your PC and the red LED light will blink normally again.
8. Close the software program and safely remove the USB® receiver from your PC (click on the USB® tray icon and select 'remove safely from PC').
9. Updating will reset any paired controllers. Re-pair and test out the updates.

## **Troubleshooting**

- If your receiver is now powering on, it means it did not install a firmware update correctly
- If the updater is not detecting your receiver:
  - Make sure the Micro USB cable used is a data cable, not just a power cable
  - Try again by connecting to a different USB port
  - Remove any additional USB communication devices the PC may have connected to it
  - Check to make sure you are installing the correct firmware on the correct device
- If you tried the above and are still unable to get the PC to detect your receiver, you may try this method:
  - Hold the pairing button on the receiver before plugging in the device and continue to hold it while finding the device on the updater program
  - In some cases, the PC will refresh the device and the program will detect it - at which point you can release the pairing button
- If you are unable to install the update or your receiver has issues, please contact our support team at [info@retro-bit.com](mailto:info@retro-bit.com)