



PRAGMA
INNOVATIONS

BTone 2

advanced Bluetooth® audio Interface



Quick Start Guide

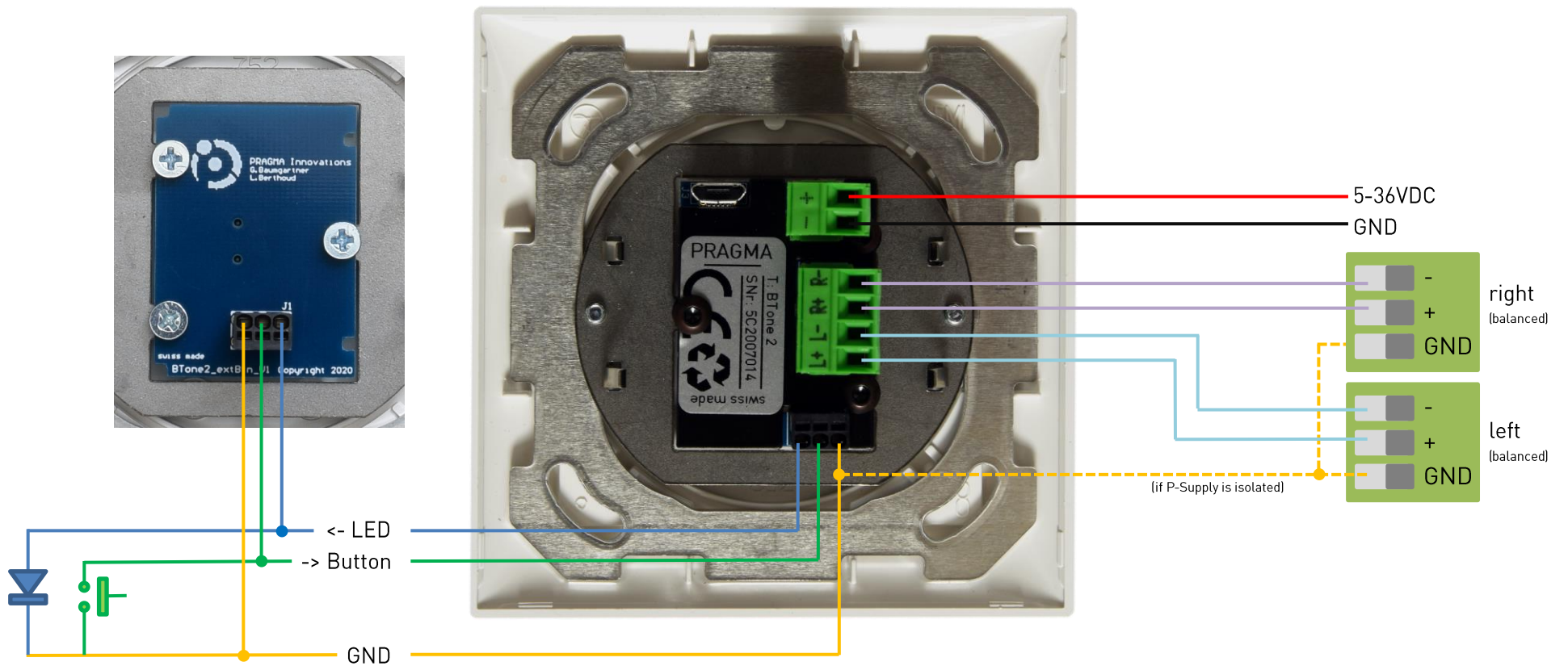
1 Connect BTone

1.1 Rear view

Remote Button/Control Unit

BTone

DSP



2 Setup BTone

To configure the BTone, you'll have to connect it through a Micro-USB cable with your computer.

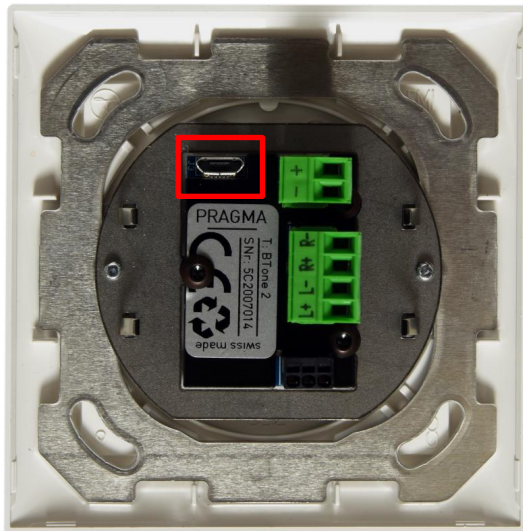
2.1 Micro-USB connector and drivers

The Micro-USB connector of the BTone is located on the rear side of the device.

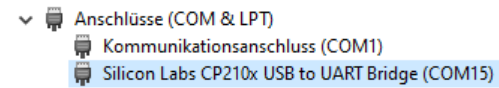
To configure the BTone, you'll have to download the driver from the PRAGMA Innovations webpage:

-> www.pragma.swiss -> Products -> BTone -> downloads -> USB driver (zip).

Has the driver been successfully installed, you'll be able to find the BTone in your device manager (COM-Port).



Micro – USB connector



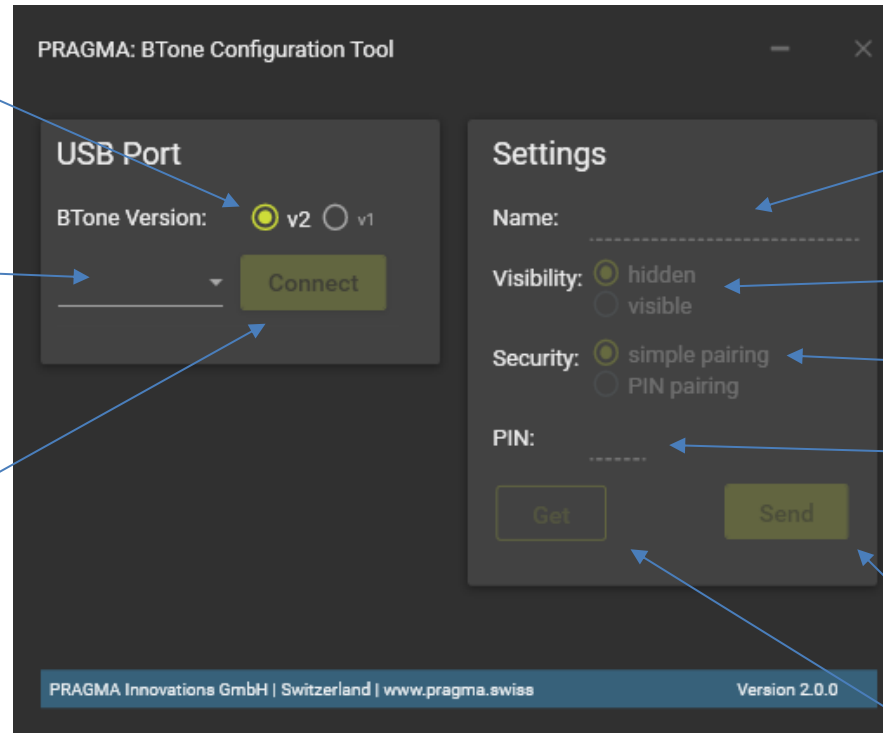
BTone inside the device manager

2.2 Software overview

Select BTone version
(default: v2)

Select USB-Port

BTone connect/disconnect



Enter desired name

Select visibility

select Pairing mode

Enter PIN-Code for PIN-pairing

Send configuration to BTone

Get BTone settings

3 BTone Mode

3.1 hidden

The BTone is only visible for 50s if you push the connect button (LED is flashing). As soon as a connection has been successfully established, the LED is constantly lightened up. If you push the connect button while a connection is “active”, the active BT connection will be disconnected/terminated and the BTone is ready to be connected with another device. Is the connect button being pushed while the LED is flashing (BTone in pairing mode), then the BTone goes back into its standby mode, which means that it isn't visible or connectable (LED is off) until you push the connect button again.

3.2 visible

The BTone is always visible and connectable. If no device is connected, the LED is flashing constantly (BTone in pairing mode). As soon as a connection has been established, the LED is constantly lightened up. To disconnect/terminate the active Bluetooth connection, just simply push the connect button once. The BTone is then going back into its pairing mode (flashing LED).

3.3 LED states

LED Status	Description
off	BTone is in “hidden”-mode and no BT connection is established
blinking	BTone is in pairing mode (suitable for hidden- and visible-mode configuration)
Lightened up	BTone has an active Bluetooth® connection

4 Audio Settings

4.1 DSP – Gain Staging

The BTone output gain runs on 0dBu and can therefore be unamplified connected to a Mixer, DSP or Amp.

4.2 Asymmetrical connection

The BTone can only be connected to an asymmetrical input via a corresponding De-Balancer!.

1 Power Requirement BTone

- 1.1 Input Voltage: 5V-36VDC (12V recommended)
- 1.2 Power cons. Standby: 70mW
- 1.3 Power cons. visible: 90mW
- 1.4 Power cons. paired: 135mW

2 Appropriate industrial power supplies

- 2.1 <20x BTone: TRACO POWER TBLC06-112 (max. 6W)
- 2.2 <50x BTone: TRACO POWER TBLC15-112 (max. 15W)
- 2.3 <150x BTone: TRACO POWER TBLC50-112 (max. 50W)