Manual ProEquip PRO-BT-PTT Wireless Bluetooth for Sepura radios (BTA-002)

Part no: 30525
Name: ProEquip PRO-BT-PTT Wireless Bluetooth for Sepura radios (BTA-002)

General description:

This product is a bluetooth PTT that is made to be used with a Sepura terminal.

The PTT connects to the Sepura as a data device (which is shown in the menu) and uses PEI commands to control the PTT function.

During operation with this PTT the audio path to/from the terminal follows the normal operation of the terminal.commands to control the PTT function.

- Internal audio is used (loudspeaker /microphone) when no other audioaccessory is connected.
- Wired accessory connected to the RAC.
- Bluetooth connected accessory connected headset (connected as an audio device).

Important notice:

To get this to work you need to program the Sepura to accept PEI commands via bluetooth. In radio manager parameter 8161 – "Serial port usage" must be set to swapped.

Required license in Sepura terminal.
For STP 600–00037 – AT Softkey
For SC2x 600–00275 – SC20/21 Application Deployment pack

Specifications

Bluetooth Chip	CSR8670
Bluetooth Version	Bluetooth 4.1
Supported Bluetooth Profiles	SPP
Bluetooth RF Spec	Class 2
RF Power	4dB
RF Sensitivity	-70dB
RF Frequency	2.4GHz
Operation Range	Up to 10 Meters
Battery Capacity	280mA
Charging Time	2 Hours
Charging connector	USB C
Working Time	Up to 45 hours
Stand by Time	Up to 150 hours
Operating temperature	-15˚C ~45˚C
Storage Temperature	-25˚C ~60˚C

Operation

Switch on.

- Start the PTT by press and hold the button for 3-4 seconds until the LED flashes in blue.

Switch off.

- The bluetooth connection of the PTT and terminal must be ended, either by switching off the terminal or disconnect in the terminal menu.
- Press and hold the PTT for ~15 seconds until the LED flashes red/blue a couple of times.Now the PTT is switched off.
- Automatic switch off – after 12 hours from last press on PTT.

The reason for the long delay is a safety precaution to prevent accidental switch off if the connection between the terminal and PTT are dropped/ exposed to interference.

PTT operation

- Press and hold button to transmit.
- Release button to end transmission.

Pairing

- Make sure that the PTT is charged and switched off.
- Start the terminal and make sure that bluetooth is on in the menu.
- Press and hold the button of the PTT for ~15 seconds until the LED starts to flash red/blue.
- In the terminal search for new bluetooth device.

In the list of the bluetooth devices in the terminal it can show as a PTT device or a unknown device.

- Select the PTT and pair.
- After the PTT is paired to the terminal select the PTT in the list and connect.
- When the PTT is connected to the terminal this will show in the menu, now you can start to use the devices.

It is only necessary to pair the devices once since the PTT will automatically reconnect to a paired terminal if it has been paired once.

Remove pairing/reset.

- Make sure that the PTT is switched off.
- Attached the charging cable.
- Within 5 seconds press and hold the button until the LED flashes red/blue.
- Now any paired devices are removed from the memory.

Charging

Connect the USB cable in the PTT and in a wall charger.

FAQ

Does not reconnect even though the PTT have been paired with the terminal before.

- After pairing PTT with terminal make a controlled switch-off so the device is saved in the bluetooth device memory of the terminal, please note that a reconnect can take up ~20 seconds after the terminal are started.

The PTT cannot connect to the terminal.

- Make sure that the terminal has bluetooth switched on.
- Make sure that there in not a connected bluetooth data device connected to the terminal.