

Manual for ProEquip PRO-BT210 / 211

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General description

The PRO-BT210 / 211 is intended for the Sepura STP / SC models.

It is possible to use standard Bluetooth® headset For example Apple AirPods, Bluetooth® hearing aid (check Bluetooth® profile below) and Aviation headset for example Bose A20 & Lightspeed.

Car Bluetooth® handsfree systems is not supported

Specification

Bluetooth® standard	4.1
Bluetooth® profiles	AGHSP, AGHFP, SPP och BLE
RF level	Class 2
Transmission Power	6dB
Frequency Range	-2.4GHz
Use of distance	10m
Operating temperature	-15° to +45°
Storage temperature	-25° to +60°
Operates in fast response mode operation	
Supports ProEquip PRO-BT-PTT Wireless Bluetooth® R16, 4.0	
DSP noise suppression, Crystal Voice Quality	

PTT button LED indicator

Indicator for Bluetooth® headset	
Blue light flashes every three seconds	Standby status – no headset connected
Blue light always stays on	Connected to headset
Red and blue light flashes alternately	Pairing status
Red light	Transmit with ProEquip PRO-BT-PTT (if headset are connected)

Power switch LED indicator

Indicator for ProEquip PRO-BT-PTT	
Flashes green	Pairing mode
LED indicator off	Connected to headset

Operation

Usage of PRO-BT210 / 211

Power on

Start the PRO-BT210 / 211 with the power switch

Power off

Switch off the PRO-BT210 / 211 with the power switch

Connection with existing headset

If the PRO-BT210 / 211 already have a paired headset or/and PRO-BT-PTT they will automatically reconnect when they are switched on. This can take up to ~20 seconds and the blue LED will indicate when the headset is connected

PTT operation

The PTT can be operated in the following way:

- The Sepura terminal's internal PTT
- ProEquip PRO-BT-PTT
- The PTT of Peltor Bluetooth headset
- The PTT of ProEquip Bluetooth headset like BT550 or Nighthawk

All modes can be used at the same time since they operate separately.

PRO-BT210

When the PRO-BT210 is connected to the Sepura the routing of the audio is always to the PRO-BT210 even if it is switched off or do not have any Bluetooth® headset connected.

To get sound via the terminals internal microphone/loudspeaker remove the PRO-BT210.

See table below.

Power switch	Connected Bluetooth® headset	Audio to/from Sepura internal loudspeaker/microphone	Audio to/from connected Bluetooth® headset	Audio to/from wire connected accessory to 2½mm jack	PRO-BT-PTT operation
ON	YES	NO (muted)	YES	YES	YES
ON	NO	NO (muted)	NO	YES	YES
OFF	NO	NO (muted)	NO	YES	NO

Accessory jack

Both Bluetooth® and external 2.5mm jack working at the same time.

All standard ProEquip accessory with 2½mm connector can be used with PRO-BT210.

This feature can be used if the PRO-BT210 is connected to a hearing aid which does not have a microphone, in this case the cable connected accessory are used to get the microphone audio from the user and the incoming audio to the Sepura is sent via Bluetooth® from the PRO-BT210 / 211 to the hearing aid.

PRO-BT211

Smart sense operation

When the PRO-BT211 is switched off or have no connected Bluetooth® cable connected headset the Sepura operates as a standalone terminal without accessory. See table below

Power switch	Connected Bluetooth® headset	Audio to/from Sepura internal loudspeaker/microphone	Audio to/from connected Bluetooth® headset	Audio to/from wire connected accessory to 2½mm jack	PRO-BT-PTT operation
ON	YES	NO (muted)	YES	YES	YES
ON	NO	NO (muted)	-	YES (if connected)	YES
ON	NO	YES	-	NO (not connected)	NO (STP) YES (SC2X)
OFF	NO	YES	-	NO	NO

Accessory jack

Both Bluetooth® and external 2.5mm jack working at the same time as long as the PRO-BT210/211 is switched on.

All standard ProEquip accessories with 2,5 mm connector can be used with BT211. It is still possible to use a cable connector headset when the BT211 is switched off, in this case the radios PTT is used for transmission.

This feature can be used if the PRO-BT211 is connected to a hearing aid which does not have a microphone, in this case the cable connected accessory are used to get the microphone audio from the user and the incoming audio to the Sepura is sent via Blue-

Pairing PRO-BT210 / 211

WITH Bluetooth® headset

- Make sure that the PRO-BT210 / 211 is switched off
- Make sure that the Sepura is switched on
- Press and hold the pairing button, make sure that the LED is visible. (press on the edge of the switch)
- Power on the PRO-BT210 / 211 with the power switch
- When the LED start flash alternately red & blue release the pairing button
- Now the PRO-BT210 / 211 is in pairing mode
- Put your Bluetooth® headset in pairing mode
- Keep the units close
- When the pairing is complete the LED will change the flashing pattern to flash blue about every 3 second or constantly light up in blue

Remove pairing/Reset

- Make sure that the PRO-BT210 / 211 is switched off
- Make sure that the Sepura is switched on
- Press and hold the pairing button, make sure that the LED is visible. (press on the edge of the switch)
- Power on the PRO-BT210 / 211 with the power switch
- When the LED indicator flashes quickly red/blue, release the pairing button
- Press and release the pairing button once, this will change the flashing pattern to a slow red/blue sequence
- Press and hold the pairing button, this will now change back the flashing sequence to a fast red/blue sequence
- Release the pairing button when the LED stops flashing
- Now the unit will restart
- The unit will now start in pairing mode with a fast flashing red/blue sequence, this indicates that all paired devices are removed

With ProEquip PRO-BT-PTT

- Pair the Bluetooth® headset as described above
- Keep the PRO-BT210 / 211 switched on. If no ProEquip PRO-BT-PTT have been paired before the power switch of the PRO-BT210 / 211 will flash in green.
- If the PRO-BT210 / 211 already have been paired with the ProEquip PRO-BT-PTT the green light will not flash, continue with the steps below
- From switched mode press and hold the pairing button of the ProEquip PRO-BT-PTT until the LED flashes red/blue
- Release the pairing button, make a short double press and release of the PTT button
- If the green LED were flashing it should now have stopped
- Verify the PTT function by press the PTT button of the ProEquip PRO-BT-PTT

FAQ

Problem	To do
The PRO-BT210 / 211 does not find the paired headset / ProEquip PRO-BT-PTT	Remove pairing - See chapter Remove pairing/reset
The headset / ProEquip PRO-BT-PTT drops connection to the PRO-BT210/211	Make sure that is used in close range to the Sepura / PRO-BT210 / 211
ProEquip PRO-BT-PTT cannot be used when it is charging	Remove the charging cable
ProEquip PRO-BT-PTT and headset are just paired to the PRO-BT210 / 211 but does not connect	Switch off all units and restart them
Noise in headset connected to the 2½mm jack	Switch off the connected Bluetooth® headset <i>When a Bluetooth® headset is connected at the same time as a headset connected to the 2½mm jack the noise level in this can be slightly louder</i>

Disposal of product

This product contains electrical components and should not be thrown away with your household rubbish. You can find collection points for electrical components at your local garbage dump which you should remove this product.

