WPTT transmitter User Manual

IP Trade Wireless Push To Talk

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I. Description

The Wireless Push To Talk (WPTT) is a physical device composed of a WPTT Hand-held device (Transmitter) and a WPTT Base (Receiver).
This document only presents the user manual of the WPTT Hand-held device (Transmitter).
However the WPTT Hand-held device (Transmitter) should always be used with a WPTT Base (Receiver), which is a USB dongle, connected in a turret device's USB port.

A. WPTT Hand-Device (Transmitter)

Hand-device has a belt clip that allows user to fix it and easily access the Push to Talk button.

On the following picture:

- left LED is the transmission LED
- right LED is the battery power LED

B. Safety instructions

The Wireless Push To Talk contains a low power transmitter.
When the Push-to Talk button is pushed, it sends out radio frequency (RF) signals.
This device must not be co-located or operating in conjunction with any other antenna or transmitter.
Unauthorized modifications or attachments could damage the transmitter and may violate FCC regulations.
This device has an output power of max 12.6 mW.

II. Configuration

Once WPTT base is plugged in one turret device's USB port, you can start applying following configuration.

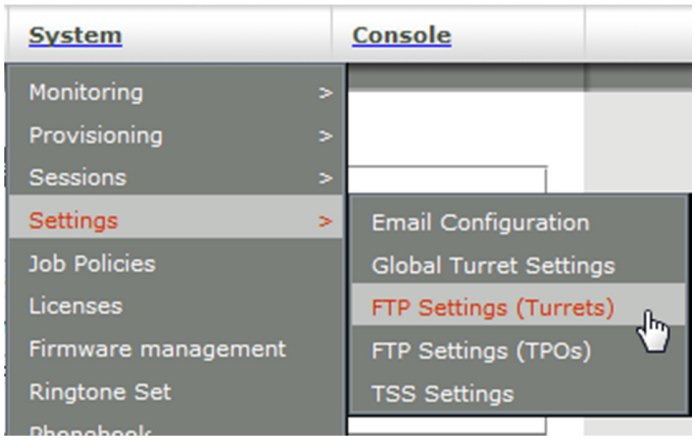
A. WPTT Hand-Device (Transmitter)

Hand-Device is only plugged for pairing purpose and remains unplugged most of the time.

It's mandatory to connect Hand-Device using IP Trade WPTT certified USB cable that has been provided with your WPTT device.

B. WPTT configuration keys must be set in turret FTP settings

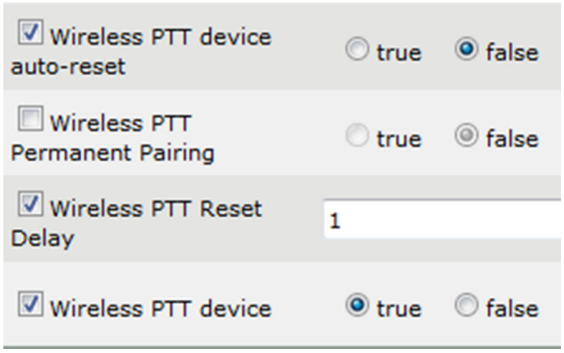
- Open TSS administration console and go in Turret FTP setting



- Select Device setting group

- Select Expert Settings Tab

- Setup following WPTT setting values



III. Usage

This section describes how to use WPTT device.
It assumes that a proper configuration has been made.

A. Device pairing

1. What's pairing?

Pairing is the operation that links Base and Hand-device uniquely and makes them recognize each other.

Without pairing, Hand-device signal isn't recognized by Base and doesn't generate action on turret device.

Pairing operation is required before using Hand-Device with a turret (and its corresponding Base)

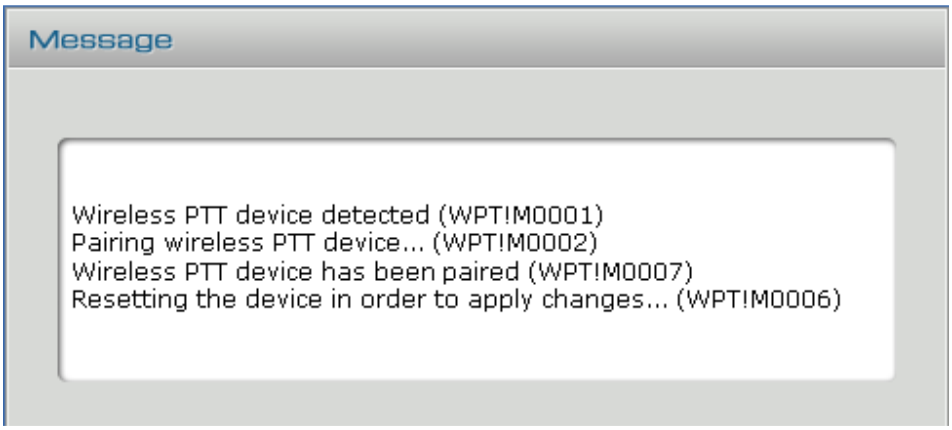
WPTT device remains paired as long as both Base and Hand-device are powered.

2. How to proceed?

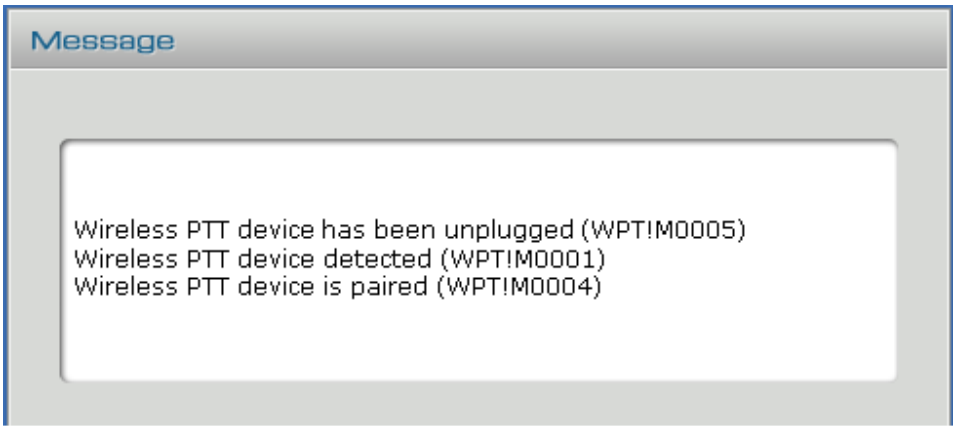
On a properly configured and cabled turret, plug the Hand-Device using the proper USB cable.

If no user is authenticated and turret shows login screen, pairing is executed silently.
Otherwise, if a user is authenticated, pairing progression messages are displayed in turret interface.

As soon as Hand-Device is detected by the system, pairing starts:



The "Reset" operation may stand for few seconds but is required in order to validate pairing in both Base and Hand-devices.
The device will restart and following messages will be displayed:



You can now unplug the Hand-Device and start using it!

B. Hand-device usage

Once the WPTT device is properly paired, pressing Hand-Device button transmit "Speak" events to the turret.

- Pressing the Hand-Device button activates "Speak Action Button"
- Releasing the Hand-Device button deactivates "Speak Action Button"

Note that there's no need to configure a "Speak Action Button" in user interface to make the WPTT works.

1. Signal transmission status

Transmission LED of the hand-device indicates signal transmission status:

Button pressed	LED State	Description
Yes	Steady red	Hand-device successfully sends applicative messages to the WPTT base
Yes	100ms orange/red blink	Hand-device has failed to send an applicative message to the WPTT base
No	100ms orange blink every 3s	No pairing information available, device should be paired

2. Charging hand-device

Hand-device is powered through an embedded battery.
The battery has 18 hours autonomy and can be charged within 2 hours.

IP Trade recommends charging the hand-device battery using provided USB cable.
Note: when charging the clip on "hand-device" on a turret with the "USB" base connected, the 2 units will pair.

Power LED of the hand-device indicates battery charge status:

USB connected	LED State	Description
No	100ms green blink every 3s	The battery has a good level
No	100ms orange blink every 3s	The battery level is down, it should be recharged
Yes	500ms green blink every 1s	The battery is charging
Yes	Steady green	The battery is fully charged

IV. Limitations

- 2 free USB ports on the device (turret) are needed
- Only use IP Trade WPTT certified USB cable when connecting WPTT Hand-Device
- Hand-device cannot be used while connected to USB
- Hand-device isn't operational right after having unplugged from USB, user must wait 5 seconds before using it.

V. FCC Notice

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.