



**IP**Trade SA™

# WPTT User Manual

IP Trade Wireless Push To Talk

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## I. Description

The Wireless Push To Talk device (WPTT) is made of two parts, WPTT Base Device and WPTT Handheld Device.

### A. WPTT Base Device

Base part of the WPTT is a USB Dongle that can be plugged in a turret USB port.



### B. WPTT Handheld Device

WPTT Handheld 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



### C. 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

First of all you need to properly cable the device and apply following configuration.

### A. WPTT Base Device

WPTT Base Device must be plugged in one device USB port and remain plugged all the time.

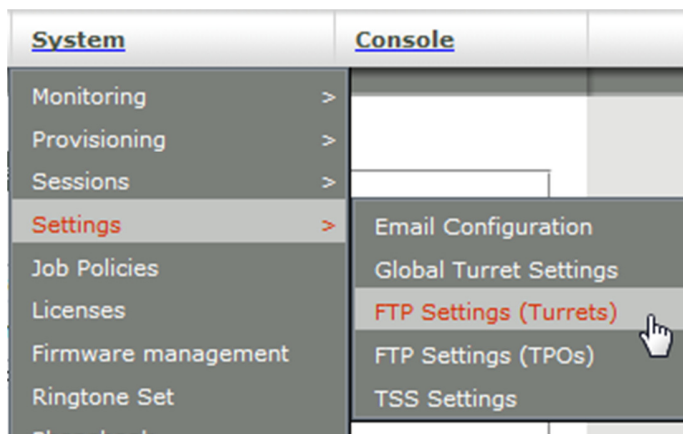
### B. WPTT Handheld Device

WPTT Handheld Device is only plugged for pairing purpose and remains unplugged most of the time.

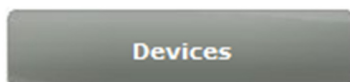
It's mandatory to connect WPTT Handheld Device using IP Trade WPTT certified USB cable that has been provided with your WPTT device.

### C. WPTT configuration keys must be set in turret FTP settings

- Open TSS administration console and go in Turret FTP setting



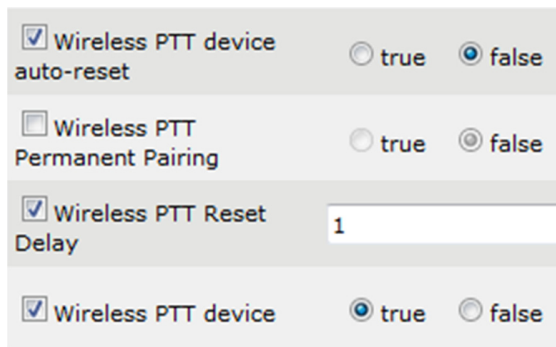
- Select Device setting group



- Select Expert Settings Tab



- Setup following WPTT setting values



<input checked="" type="checkbox"/> Wireless PTT device auto-reset	<input type="radio"/> true <input checked="" type="radio"/> false
<input type="checkbox"/> Wireless PTT Permanent Pairing	<input type="radio"/> true <input checked="" type="radio"/> false
<input checked="" type="checkbox"/> Wireless PTT Reset Delay	1
<input checked="" type="checkbox"/> Wireless PTT device	<input checked="" type="radio"/> true <input type="radio"/> false

### III. Usage

This section described 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 WPTT Base and WPTT Handheld devices uniquely and makes them recognize each other.

Without pairing, WPTT Handheld Device signal isn't recognized by WPTT Base Device and doesn't generate action on turret device.

Pairing operation is required before using WPTT Handheld Device with a turret (and its corresponding WPTT Base).

WPTT device remains paired as long as both WPTT Base and WPTT Handheld devices are powered.

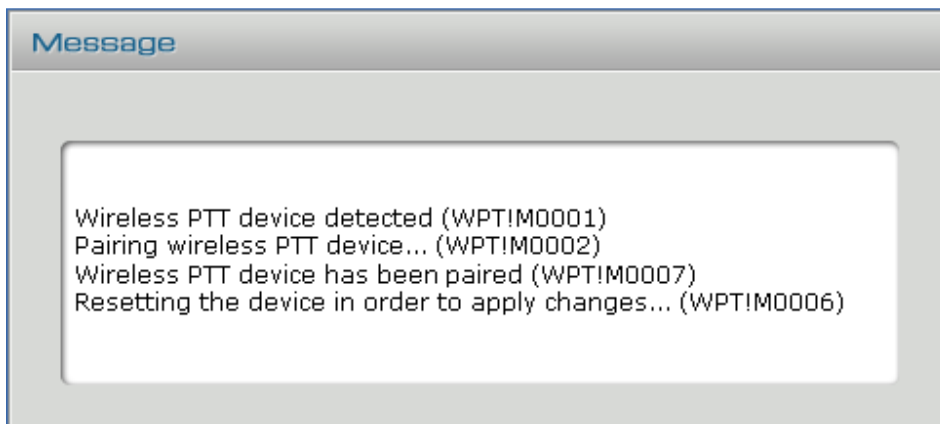
##### 2. How to proceed?

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

If no user is authenticated and turret shows login screen, pairing is executed silently.

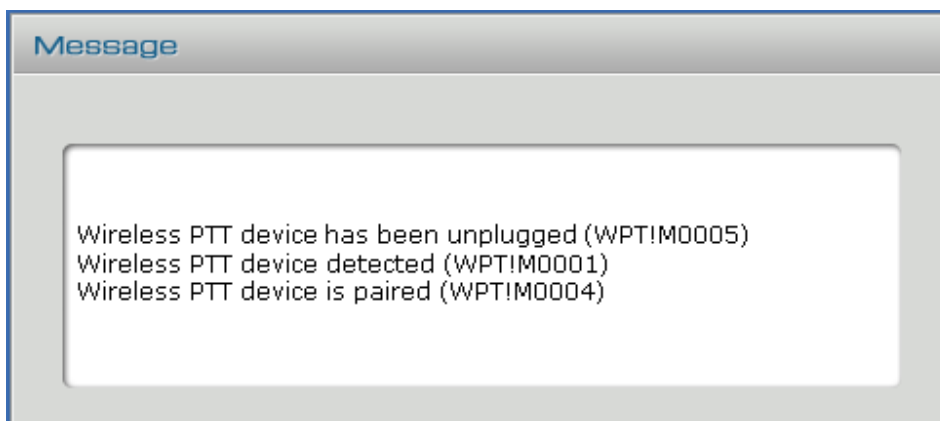
Otherwise, if a user is authenticated, pairing progression messages are displayed in turret interface.

As soon as WPTT Handheld 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 WPTT Base and WPTT Handheld Devices.

The device will restart and following messages will be displayed:



You can now unplug the WPTT Handheld Device and start using it!

### B. WPTT Handheld Device usage

Once the WPTT device is properly paired, pressing WPTT Handheld Device button transmits "Speak" events to the turret.

- Pressing the WPTT Handheld Device button activates "Speak Action Button"
- Releasing the WPTT Handheld 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 WPTT Handheld Device indicates signal transmission status:

<b><u>Button pressed</u></b>	<b><u>LED State</u></b>	<b><u>Description</u></b>
Yes	Steady red	WPTT Handheld Device successfully sends applicative messages to the WPTT Base Device
Yes	100ms orange/red blink	WPTT Handheld Device has failed to send an applicative message to the WPTT Base Device
No	100ms orange blink every 3s	No pairing information available, WPTT device should be paired

## 2. Charging WPTT Handheld Device

WPTT Handheld 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 WPTT Handheld Device battery using provided USB cable.

Note: when charging the clip on “WPTT Handheld Device” on a turret with the “USB” base connected, the 2 units will pair.

Power LED of the WPTT Handheld Device indicates battery charge status:

<b><u>USB connected</u></b>	<b><u>LED State</u></b>	<b><u>Description</u></b>
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 turret are needed
- Only use IP Trade WPTT certified USB cable when connecting WPTT Handheld Device
- WPTT Handheld Device cannot be used while connected to USB
- WPTT Handheld 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.

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.