

WT-PA Announcer Operations Guide

To make an Announcement with your Walkie-Talkie, select the Channel that the WT-PA was Programmed for and then Press the PTT Button (Press To Talk) say your Message and then release the PTT Button.

* For Walkie-Talkies that have no speare Channels or need to use their Main Communication Channel to make Announcements, the following options are available:

*** Press the PTT Button (Press To Talk) “3” times and Press and hold the PTT Button and say your Message and then release the PTT Button.

*** Press the PTT Button (Press To Talk) and hold the PTT Button (this will send a Touch Tone Code to activate the WT-PA Announcer) and say your Message and then release the PTT Button.

* For Walkie-Talkies that have Touch Tone Key-Pads or Option Buttons.

** Press the PTT Button (Press To Talk) and hold the PTT Button while you push in the Code on the Radio's Key-Pad and say your Message and then release the PTT Button.

** ** Press the PTT Button (Press To Talk) and hold the PTT Button while you push the Option Button on the Radio that has the WT-PA Announcer Code on the Radio' say your Message and then release the PTT Button.

* To use the WT-PA Announcer's to Control External Devices such as, Strobe Lights, Sirens, Door Locks, & Etc.:

*** Press the PTT Button (Press To Talk) and hold the PTT Button while you push in the Code on the Radio's Key-Pad to activate the Device you want to control (example 246) , and then release the PTT Button. To Stop or Cancel, Press and hold the PTT Button while you press in the Code to Stop or release the activated Device (example 351) then release the PTT Button.

Note: For Walkie-Talkies that have Option Buttons, Press the PTT Button (Press To Talk) and hold the PTT Button while you Press the Button that has the Code to Active the Device (example Button “1”) and then release. To Stop or Cancel the Device, Press the Button that has the Code to Stop the Device (example Button “2”) and then release.

Front Panel LED Indicators:

Red – Record / Playback. This LED will turn solid red when a radio transmission is being recorded. It will blink when the message is being played back

Green – Sound – this LED will flicker on and off with any audio present on the radio input.

Yellow – DTMF data valid. This will turn on with the presence of a DTMF signal

Red – Carrier detect – if a Carrier Detect signal is provided from a radio this will turn on when it is asserted. The WT-PA assumes a high signal = no carrier and a low or ground = carrier present.

Yellow – Auxiliary Relay – will turn on when the relay has been latched on.

Auxiliary input connector

This is the dual row 2x6 green header. The top row from left to right outputs the DPDT contacts of the Auxiliary relay:

- 1 – Audio Output +
- 2 – Audio Output -
- 3 – Audio GND
- 4 – PA All-Call Com Contact
- 5 – PA All-Call NO Contact
- 6 – Cancel Suspend Button

The lower connection is used in case an external radio is being used:

- 1 – Latch Relay NO
- 2 – Latch Relay COM
- 3 – Latch Relay NC
- 4 – Audio In from an External Radio (should be about 1Vpp)
- 5 – Ground
- 6 – Carrier Detect

Green – Power. This will blink when first turned on showing the system has booted up and then turn solid. When going into program mode this will flash.

Red – Record / Playback. This LED will turn solid red when a radio transmission is being recorded. It will blink when the message is being played back

Green – Sound – this LED will flicker on and off with any audio present on the radio input. **Yellow – DTMF data valid.** This will turn on with the presence of a DTMF signal

Red – Carrier detect – if a Carrier Detect signal is provided from a radio this will turn on when it is asserted. The WT-PA assumes a high signal = no carrier and a low or ground = carrier present.

Yellow – Auxiliary Relay – will turn on when the relay has been latched on. There is a push button on the board that will generate the test tone. A test tone can be

generated with either the push button or by means of the program menu.

Audio Output Adjust

On Rev A a header allows you to set the audio output to either Mic level or Line level. If it is in Mic level the adjustment pot varies the audio from about 0-200 MvPP. In the Line Level position the output adjusts about 0-2Vpp. This is assuming a Maxon radio is being used or an external radio that is providing an audio signal of about 1Vpp on the input.