

## Radio System Quick Setup Guide

### NOTICE

- Unplanned setup can result in unnecessary repetition.
- TAPCO® advises reading this entire guide before beginning setup, so each radio can be adequately set up one at a time while repetition is minimized.
- **Complete Transmitter Radio setup before beginning Radio Receivers setup.**
- For more information, see BlinkerBeam™ Radio Operation guide.

### RECOMMENDED TOOLS AND HARDWARE

- Screwdriver
- Security Torx or Cabinet Key (for opening the cabinet)

## USER INTERFACE

User input consists of a small joystick used to navigate through menus and select various settings on the LCD screen.

### General Joystick Controls:

Use the **joystick** to navigate the menus and adjust menu settings.

- Scroll up (↑)
- Scroll down (↓)
- Exit to Previous Menu (←)
- Select Item/Confirm Setting (→)

Three icons assist in navigation and selection:

Icon	Meaning
>	Selected setting/value
->	Selected and saved setting/value
*	Saved setting/value



Figure 1

**A. SET THE MOST CENTRALLY LOCATED RADIO AS THE TRANSMITTER AND ALL OTHERS AS THE RECEIVERS.**

**Note:** Only one radio can be set as the Transmitter.

- A.1** Open the control cabinet and find the TAPCO® radio. See Figure 1.
- A.2** Ensure the cabinet has power.
- A.3** Push the joystick in any direction to access the radio’s MAIN MENU on the display, and use the joystick to scroll to and select **0) Quick Setup**. See Figure 2.
- A.4** Select **Set Mode**. See Figure 3.
- A.5** Ensure Transmitter is selected for the correct cabinet. See Figure 4.
- A.6** Ensure all other cabinets are set as the Receivers. See Figure 5.



Figure 2



Figure 3



Figure 4



Figure 5



Figure 6

**B. USE A PRESET CODE TO BIND THE RADIOS TOGETHER.**

**NOTICE**

- Close proximity of some antennas can cause interference.
- If another TAPCO radio network is located within a 1 mile radius of this system (or 40 miles if it has an Omni or Yagi antenna), ensure **each system** uses a unique binding code and hop channel by selecting a different QBind# or by manually setting the binding code and hop channel (see BlinkerBeam Operation Guide).
- A radio must have the same binding code and hop channel as every other radio in the network.

Skip to Section C if the radios need to be manually bound.

QBind uses preset binding codes (i.e., QBind1=01111111 or QBind2=02222222). The QBind also changes the hop channel to the associated number (QBind1 sets the hop channel to 1, and QBind2 sets the hop channel to 2.). If a different combination of digits is needed, skip to the section “MANUALLY BIND THE RADIOS WITH A DIFFERENT NUMBERED BIND CODE AND HOP CHANNEL.”

- B.1** Return to the Transmitter radio’s QUICK SETUP menu.
- B.2** Scroll to and select QBind1 or another QBind number in the QUICK SETUP menu.
  - a. After the BINDING SAVING indication displays, The QBind option on the QUICK SETUP menu should now have an arrow on the right side of it. See Figure 6.
- B.3** Repeat with the Receiver radios using the same Qbind or binding code with other radios in the same network.



Figure 7

## C. MANUALLY BIND THE RADIOS WITH A DIFFERENT NUMBERED BIND CODE AND HOP CHANNEL.

If the radios have been bound with a preset QBind code, skip to the next section.

- C.1** Return to the Transmitter radio's QUICK SETUP menu.
- C.2** Use the joystick to scroll down to and select **ManBind** in the QUICK SETUP menu. See Figure 7.
- C.3** Select the coding digits.



Figure 8

### Notes:

- The digits on the display begin at the seventh digit and decrease to the right.
- The digit currently selected to be altered will have an X to the left of it, and the highlighted number will have an arrow.
  - Use the joystick's right and left controls to navigate to the digit to be altered.
  - Use the joystick's up and down controls to scroll to the digit's replacement. See Figure 8.
  - Push the joystick to the right to select the replacement.
    - The asterisk should have advanced to the next digit.
  - If additional digits need to be replaced, repeat the previous three substeps.
  - If the new numbered code is ready to be saved, press the joystick repeatedly to the right until the asterisk goes beyond the first digit and the BINDING SAVING indication displays.
    - The display will then return to the QUICK SETUP menu.

- C.4** Ensure the hop channel is set to match the network.
  - **MAIN MENU > RADIO SETUP > Set Hop Channel.**
  - For more information, see See Hop Channel Menu in the BlinkerBeam Radio Operation guide.
- C.5** Repeat with the Receiver radios.

## D. FINALIZE THE RADIO NETWORK SETUP.

- D.1** Reset the network with the new settings.
  - a. Return to the Transmitter radio's QUICK SETUP menu.
  - b. Scroll down to and select **ResetNW**. See Figure 9.
    - After LEDs and a blank display flash, the MAIN MENU should return.
  - c. Repeat with the Receiver radios.
- D.2** Wait up to ten minutes for the radio network to activate.
- D.3** Ensure all cabinets are closed and sealed.



Figure 9

**For technical support, call TAPCO®  
at 800-236-0112 or email  
customerservice@tapconet.com.**

**8 am–5 pm (CST)  
Monday through Friday**

**For faster service, have the serial  
number on the TAPCO® cabinet  
label ready.**



A TAPCO® label is placed on outside of each cabinet



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