TELERADIO TANDEM SYSTEM START UP

CP Automation
Keeping industry
in motion



Push-Button Layout

1: Down / RX 1 Select (pre-login)
2: Up / RX 2 Select (pre-login)
3: Trolley Left
4: Trolley Right
5: Bridge Forward
6: Bridge Reverse
7: RX 1 Select (post-login)
8: RX 2 Select (post-login)
9: Start / Logout
10: Start

Master Transmitter Login

- Turn on Master transmitter by releasing the E-Stop.

- On initial power up the LCD screen will show **"↓Select receiver(s) ↓"** with LED's 1 & 2 flashing (as per image below). Next select the required Crane/Receiver (1 - Master, 2 - Slave, or Both), by pushing pushbuttons 1 and/or 2. The LCD Screen will display which Crane/Receiver is selected (Master, Slave, or Both) plus the corresponding LED's will illuminate solid when selected.



- Press pushbuttons 9 & 10 together to login and start the system. Let go when you hear the transmitter beep. Once logged in the transmitter will display which Crane/Receiver is selected plus the corresponding LED's will illuminate solid when selected against pushbuttons 7 & 8 – see below.



Master Transmitter logout

- To logout press and hold pushbutton 9 and press the E-Stop. This will be confirmed on the LCD screen by briefly displaying "**Logout OK**".
  Please note - The logout step is required should you need to use the Slave transmitter for crane 2.

- To Login again using both the Master and Slave transmitters (independent operation), follow the steps above and select Crane/Receiver 1 for the Master transmitter and select Crane/Receiver 2 for the Slave transmitter.

Slave Transmitter Login

- Turn on the slave Transmitter by releasing the E-Stop.

- On initial power up the LCD screen will show **"↓Select receiver(s) ↓"** with LED 2 flashing ONLY (as per image below), then select required Crane/Receiver (2 - Slave), by pushing pushbutton 2. The LCD Screen will display the "Slave" Crane/Receiver plus the corresponding LED will illuminate solid when selected.



- Press pushbuttons 9 & 10 together to login and start the system. Let go when you hear the transmitter beep.

- Once logged in the transmitter will display the Slave Crane/Receiver, plus LED will illuminate solid when selected against pushbutton 8.



Slave logout

If you want the Master transmitter to control the slave crane you will need log out of the Slave crane with the Slave Transmitter

- To log out of the Slave Transmitter press and hold pushbutton 9 and then press the E-Stop. This will be confirmed on the LCD screen by briefly displaying "**Logout OK**".

FAQ

- I want the master transmitter to control both the master crane and the slave crane in tandem, however it is only operating one.

    1. Make sure the Slave transmitter is not logged into the Slave Crane, Follow the slave log off procedure above.
    2. Is the Master transmitter logged into both the Master Crane and the Slave Crane.
        a. Are both Button 1 & Button 2 LED illuminated, If not follow Master Selection procedure above.
        b. If button 1 & Button 2 LEDs are illuminated, are both buttons 7 & 8 illuminated if not press button 8 & 7 to illuminate the LEDs.

- The slave transmitter will not log in to the slave crane.

    1. Make sure the Master transmitter is not logged into the Slave crane, if button 1 & 2 LEDs are illuminated then follow the Master log off procedure.