RF Remote Manual

CAUTION: HANDLE THIS REMOTE WITH CARE.

PTL REMOTE

N30333

Best use of the PTL RF Remote

RAISE TO WAKE

CHANGE LIGHTS

LOWER TO SLEEP
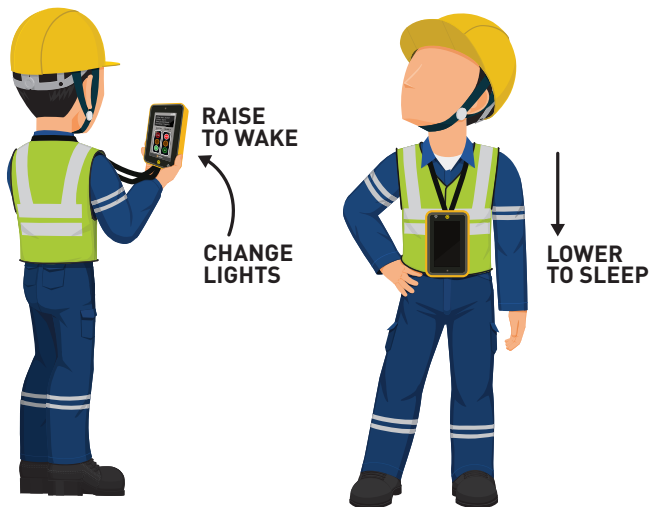
Proper operation for the PTL-Remote is to **use the lanyard**.

This will prevent the operator from dropping and damaging the unit and allow good operational process.

To make a light change, lift the Remote up, make the change and lower it down back on the lanyard. The Remote will 'wake up' when lifted up and 'sleep' when lowered down.

This will ensure the longest battery charge duration.

RF Remote for Type-2 use

The Optional Remote is used by the operator to control traffic flow when the Master Controller has been set to Manual mode. It is recharged by placing it in the cradle in the Master Control box and connecting the charge cable.

To switch on the PTL-Remote, press the ⏻ button.

The startup screen will appear after a few seconds.

To SHUTDOWN the PTL-Remote, press and hold the ⏻ button.

The unit will shut down.

To enter a Demand for either Red or Green signal phase, tap the **STOP** or **GO** buttons. On each Demand, the DEMAND LED's will flash to indicate a demand on the Master or the Slave.

The display screen will indicate whether the Master is in the correct mode to use the Remote Control. It will also show relevant status and time left for a selected phase. The current signal phase on the Master and Slave unit 1 is shown on the Remote Control.

Note: There may be a slight delay in the signal phase change shown for the Slave.

When the battery on the Remote Control gets low, a warning message will appear on the display panel.

To recharge the Remote Control, plug it into the remote cradle in the Control box on the Master unit and connect the charge cable.

When the Remote Control is charging, the battery indicator shows a lightning symbol. Also a green light will come on at the light sensor during actual charging.

Charge indicator on Remote

Charge indicator on Socket
Orange = Charging
Green = Charged

Setting the RF Channel on the Remote

THE REMOTE MUST BE SET TO THE SAME CHANNEL AS THE MASTER PTL CONTROLLERS

To set the RF Channel on the Remote Control, follow these instructions.

1. Press the **MENU** button on the bottom/left of the screen to go to settings.

2. Press the RF Channel option. RF Channel

3. Enter the new channel number.

4. Select the power level. 30% is good for normal conditions. Increase this if you are using the remote a long way from the Master, however this will drain the battery quicker.

5. Press the OK button to save.

6. To re-start normal operation, press the BACK button.

POWER SAVING IN ADDITION TO PROPER USE WITH LANYARD

To preserve power and battery life, set the time for the remote to blank the screen and to power down. Setting these to a low value will preserve battery and increase running time.

ADDITIONAL MONITORING

If operating more than two PTLs, slide the Slave AMBER button to switch between the displays for each of the Slave units.

Type-1 Operation
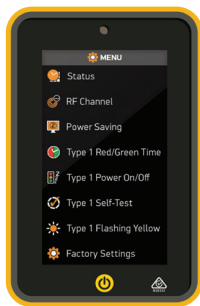
Use the MENU button on the bottom of the screen to open the SETTINGS menu screen.

From the menu screen, Startup or Shutdown the connected PTL units.

The RF Channel as well as the STATUS is also selected from this menu.

Press BACK to return to normal operating mode.

FLASHING YELLOW LIGHT.

You can set the Lights to Flash Yellow only.
This might serve as a caution or warning lights.

Note: The light(s) must be on RED to enable the Menu item to switch on Flashing Yellow.

◼ Self-Test

Note: Self test is only possible when lights are not operating (or prior to Startup)

When the **SELF-TEST** button is pressed, the following sequence is run on the PTL Compact to test the aspects, on any connected units:

Green signal, yellow signal, red signal and blank for 0.2 seconds.

Note: the Red and Green Times are reset to the default times of Green = 1 Second, Red = 1 Second.

> ⚠️ *It is advisable that the self-test not be carried out while the PTL's are setup on the roadway.*