

LITECEIVER

Race Control Transmitter Instructions



Startup

Pressing and holding the PWR button or connecting a charging cable will turn the unit on. The power LED will illuminate immediately and an LED tracer will run through the LEDs as a test pattern. The firmware version will be displayed followed by a bar graph display of the battery charge level and then the channel setting. It will then go directly into operational mode. Green power LED indicates a high charge level. Yellow power LED indicates a medium charge level. Red power LED indicates a low charge level. If the charging cable is connected the power LED will flash.

Transmit And Display (Or Clear) Flags

After power up, the flag LEDs will not be illuminated and the unit will wait for user input.

Press the RED button to transmit and display a RED flag. The RED flag will flash 3 times at full brightness and then remain solid. If dimming is enabled (brightness set to a value lower than max brightness), the RED flag will dim after 5 seconds. If the RED button is pressed consecutively, the flashing will only occur after the first press.

Press the WHITE button to transmit and display a WHITE flag. The WHITE flag will display at full brightness. If dimming is enabled (brightness set to a value lower than max brightness), the WHITE flag will dim after 5 seconds.

Press the YELLOW button to transmit and display a YELLOW flag. The YELLOW flag will flash 3 times at full brightness and then remain solid. If dimming is enabled (brightness set to a value lower than max brightness), the YELLOW flag will dim after 5 seconds. If the YELLOW button is pressed consecutively, the flashing will only occur after the first press.

Press the CLEAR button to transmit a clear flag signal and turn off the flag LEDs.

Press the GREEN button to transmit and display a GREEN flag. The GREEN flag will display at full brightness. If dimming is enabled (brightness set to a value lower than max brightness), the GREEN flag will dim after 5 seconds.

Press the CHECKER button to transmit and display a CHECKER flag. The CHECKER flag will display at full brightness. If dimming is enabled (brightness set to a value lower than max brightness), the CHECKER flag will dim after 5 seconds. The CHECKER flag will alternate between 2 patterns to simulate a waving flag condition.

Display Flags From Other Transmitters

When not transmitting, the Transmitter will listen on the set channel and act like a LiteCeiver Receiver. If it receives a valid transmission from another Transmitter, it will display the received flag. If a clear flag signal is received, the flag LEDs will be turned off.

RESET Signal

If the Transmitter receives a RESET signal, it will display a rainbow pattern. This will occur if another Transmitter operating on the same channel is turned on and is in the area.

Brightness Setting

Pressing and holding the CLEAR button will illuminate the flag LEDs in white at the current brightness. At a rate of once per second, the brightness will cycle through 8 different settings. Releasing the CLEAR button will stop the brightness setting change. After 3 seconds of inactivity, the flag LEDs will turn off and the new brightness setting will be stored in non-volatile memory so that it can be restored at future power ups.

Change Channel

Pressing the CH button will enter channel mode. To indicate the current channel, the display will spell out C1 through C5 using the flag LEDs in the associated channel color. Pressing and releasing the CLEAR button will step through all possible channels (C1-C5). Each channel setting is displayed in a different color. If the CLEAR button is not pressed for a period of 3 seconds, the flag LEDs will turn off and the new channel setting will be stored in non-volatile memory so that it can be restored at future power ups.

Auto Power Down

If the unit is running on the battery only (charger not connected), the unit will power down automatically if no buttons are pressed and no signals are received from other Transmitters or Repeaters for a period of 2 hours.

Power Down While Charging

If the charger is connected and the user presses and holds the PWR button down for 8 seconds, all LEDs will turn off and unit will place itself in a low power state. If the PWR button is released and then pressed again, the unit will reinitialize and begin operation. If the charger is removed, the unit will power down.

Power Down (Not Charging)

If the unit is on and the charger is not connected, pressing the PWR button will display the battery indicator using the flag LEDs. If the PWR button is released before 3 seconds elapses, the previous flag, if any, will be displayed. If the PWR button is held for 3 seconds or longer, the power LED turns off and the battery display turns off. When the PWR button is released, the unit turns off internally.