

LITECEIVER

Advanced 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.

Receive And Display (Or Clear) Flags

After power up, the flag LEDs will not be illuminated and the unit will wait for flags to be received.

If a RED flag is received, 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 RED flags are received consecutively, the flashing will only occur after the first reception.

If a WHITE flag is received, 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.

If a YELLOW flag is received, 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 YELLOW flags are received consecutively, the flashing will only occur after the first reception.

If a CLEAR flag is received, the flag LEDs will be turned off.

If a GREEN flag is received, 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.

If a CHECKER flag is received, 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.

Brightness Setting

Pressing the UP or DOWN button will illuminate the flag LEDs in white at the current brightness. There are 8 brightness levels. Consecutive presses of the UP button will increase the brightness until it reaches the maximum level. Consecutive presses of the DOWN button will decrease the brightness until it reaches the minimum level. 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. There are 5 channel settings (C1-C5). Consecutive presses of the UP button will increase the channel setting until it reaches C5. Consecutive presses of the DOWN button will decrease the channel setting until it reaches C1. Each channel setting is displayed in a different color. If the UP or DOWN 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 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.