

1 BEFORE YOU START

- The Receiver will supply a maximum of 90W (7.5A at 12V), with each individual output supplying a maximum of 3A.
- Master Output (3A). Continuous or Parallel operation.
- Receiver outputs, when connected in parallel with an external switching device (non authorised Lodar remote), will instantly switch off the receiver if the non authorised remote is operated. This is a feature of the safety circuits.
- Lodar Receivers **MUST** have an **isolation switch** on the **positive input** and an inline **FUSE** no greater than 7.5A for safety.
- Safety Feature. Both the Transmitter and the Receiver will switch off after 30 minutes of inactivity. Other Timeouts are available, ask an authorised dealer.

2 IDENTIFY POWER CONNECTION POINT AND ISOLATE SUPPLY

Remove fuse

or Disconnect Battery

WARNING

Vehicle batteries contain gases which are flammable and explosive. Wear eye protection and do not lean over battery while disconnecting. Do not wear metal

3 MOUNT RECEIVER

CAUTION

POSITIVE
NEGATIVE

TAKE TIME TO LOCATE THE BEST POSITION

If necessary, power the Receiver and move it around the vehicle until the required performance is achieved. Operate the Transmitter and observe the Receiver internal LED's.

Mount as **HIGH** as possible
AVOID surfaces with **HEAVY VIBRATION**
AVOID DIRECT SPRAY from wheels
 In a **HOT CLIMATE** fit in a **SHADED** position
 Cable gland should face **DOWN** or **BACK**

Receiver PS002/4 Series
 Waterproof to IP65 complete with 1.5 metres (5ft) cable

Secure using 5mm (3/16") bolts (not supplied) through the 2 mounting feet

4 ALL TRANSMITTERS FOLLOW THIS NUMBERING CONVENTION

CONNECT WIRES

When F1 is pressed the GREEN wire gives an output etc.

Make notes here.

Wire Colour	Wire used for	PS002	PS004
RED	12/24 VDC Nominal Positive Supply		
BLACK	0 Volts (Ground)		
GREEN	Output Function 1 (F1 Button)		
YELLOW	Output Function 2 (F2 Button)		
BROWN	Output Function 3 (F3 Button)	Not Available	
BLUE	Output Function 4 (F4 Button)	Not Available	
WHITE	Parallel Master		

What is the MASTER Output for ?

It is mainly used to operate the pump on an electro-hydraulic power pack/clutch pump but it can also be used to power a dump valve/master valve. It can be configured to work **continuously** (permanently ON when **SET** is pressed and OFF when **STOP** is pressed) or in **parallel** with any output. In this case, the Master output will only be active when a function is operated. It is also possible to only enable the master output with certain outputs. All of the above can be configured by any authorised Lodar dealer.

5 ACTIVATE THE RECEIVER SUPPLY

Replace fuse

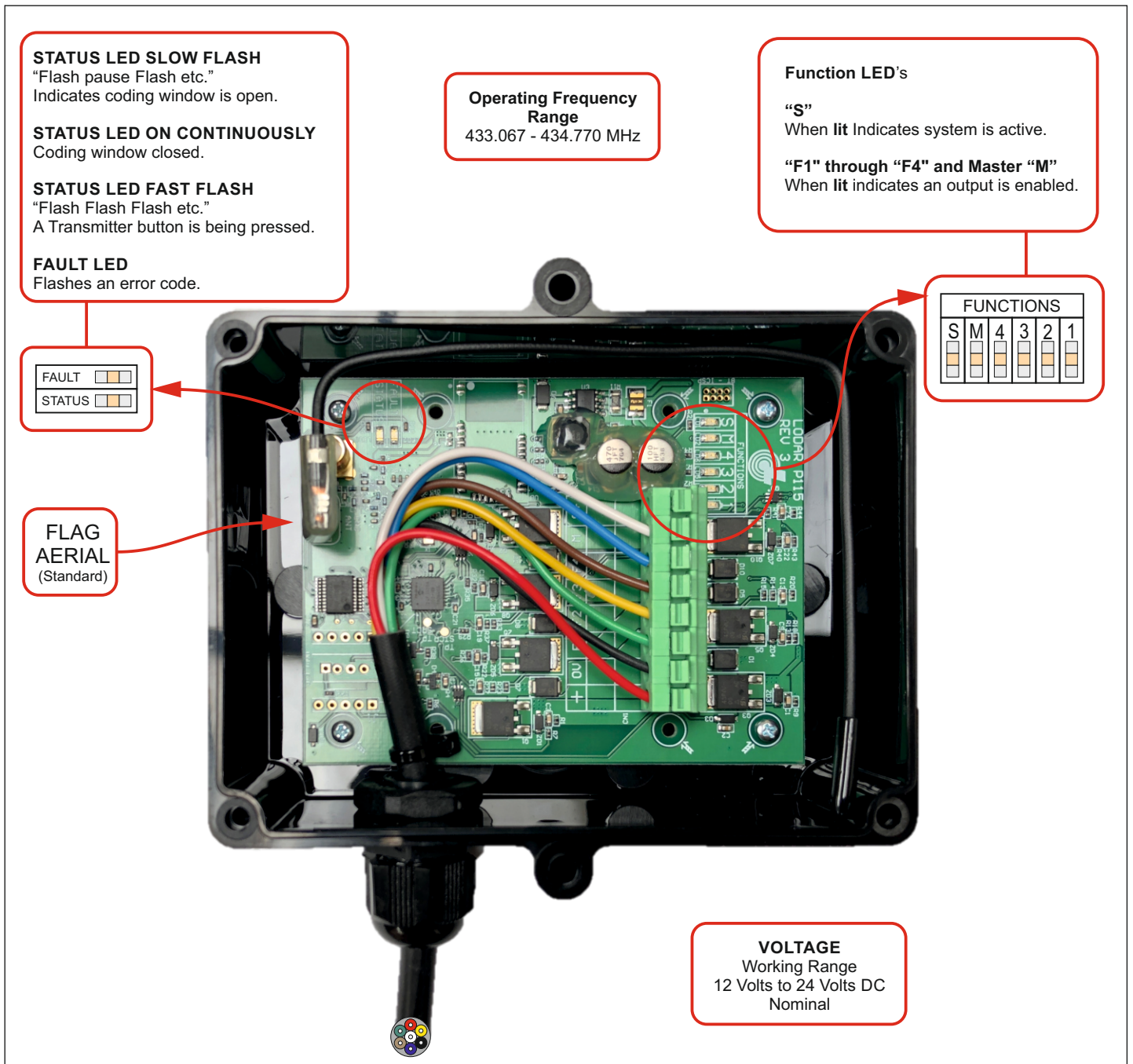
or re-connect Battery

6 CONNECT TRANSMITTER BATTERY

Batteries generally have to be disconnected when shipping.

7 TEST

Press the Transmitter **SET** button to activate the system, and carefully test each function for correct operation. (Please refer to transmitter instructions)



Fault Codes - Number of flashes indicate Fault Code.
"1 = Flash Pause, 2 = Flash, Flash, Pause, etc"

- 1 = OUTPUT FAULT - F1 to F4
- 2 = SAFETY VOLTAGE FAULT (LOW VOLTAGE)
- 3 = MASTER VOLTAGE FAULT (LOW VOLTAGE)

- 6 = OVER TEMPERATURE FAULT
- 7 = SYSTEM FAILURE - COMS FAULT

LOW VOLTAGE = <6V
OVER TEMPERATURE = >100°C



The product is marked with this symbol. It means that used electrical and electronic products should not be mixed with general household waste. There is a separate collection system for these products.

In the EC - Please contact the local National Distributor (see www.lodar.com for this information) who will inform the user about the take-back of the product. A charge may be present for the costs arising from the take-back and recycling. Small products might be taken back by a local collection facility.

Outside the EC - If this product needs to be discarded, please contact the local authorities and ask for the correct method of disposal.

CONTACT INFORMATION

www.piercearrowinc.com