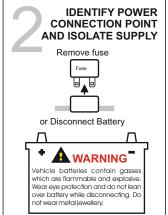


1

BEFORE YOU START

- The Receiver is designed to carry a maximum of 15 Amps. That is, for example,15 Amps through one output or 5 Amps each through 3 outputs.
- 2. Master Output. This can be configured to Continuous or Parallel operation, see below right for more details.
- 3. If Receiver outputs are connected in parallel with an external switching device (wired remote) the Receiver will instantly switch off when the wired remote is operated
- 4. Lodar Receivers **MUST** have an **isolation switch** for safety, to allow for registering a replacement Transmitter.
- 5. Safety Feature. Both the Transmitter and the Receiver will "time out" after 30 minutes of inactivity. This can be altered, ask your dealer.



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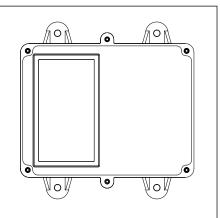
TI-103RX.01E

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 92 20 RX and 93 20 RX shown,



Secure using 5mm (3/16") bolts (not supplied) through the 4 mounting feet

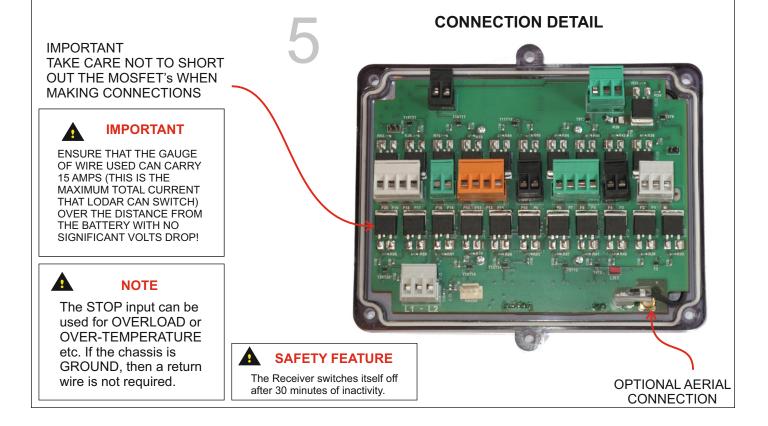
What is the MASTER Output for ?

It is used to operate the pump of an electro-hydraulic power pack or maybe a clutch pump. It can also be used for powering a dump valve, master valve etc.

It can be configured to work **continuously**, that is ON when SET is pressed and OFF when STOP is pressed;

or in

parallel with any output, that is, it is active only a function is operated. If it is needed with certain functions only, this can easily be configured.





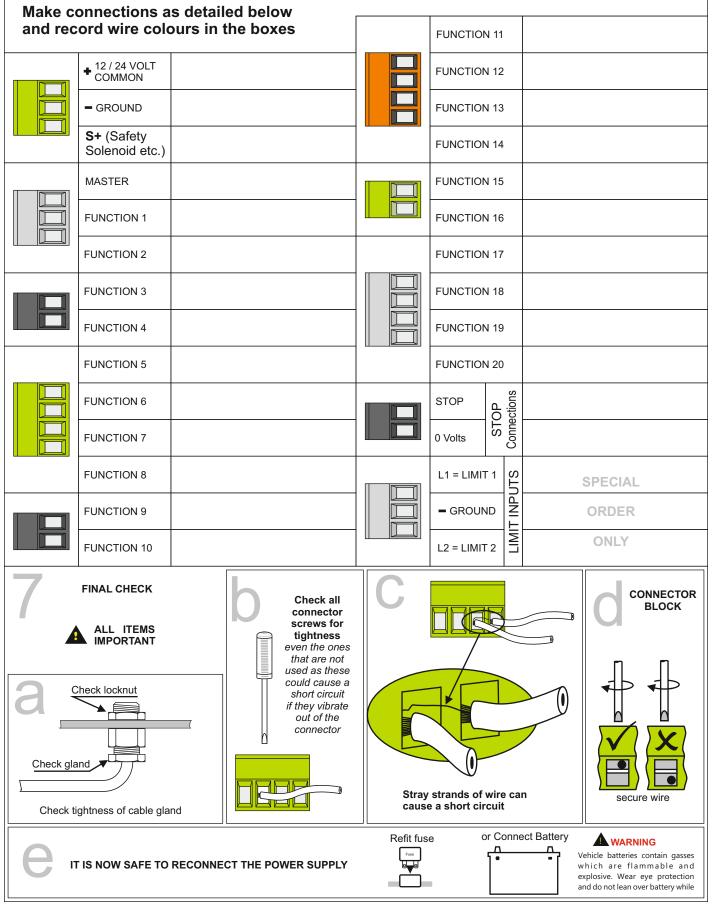
JUMPER may be RED or BLUE

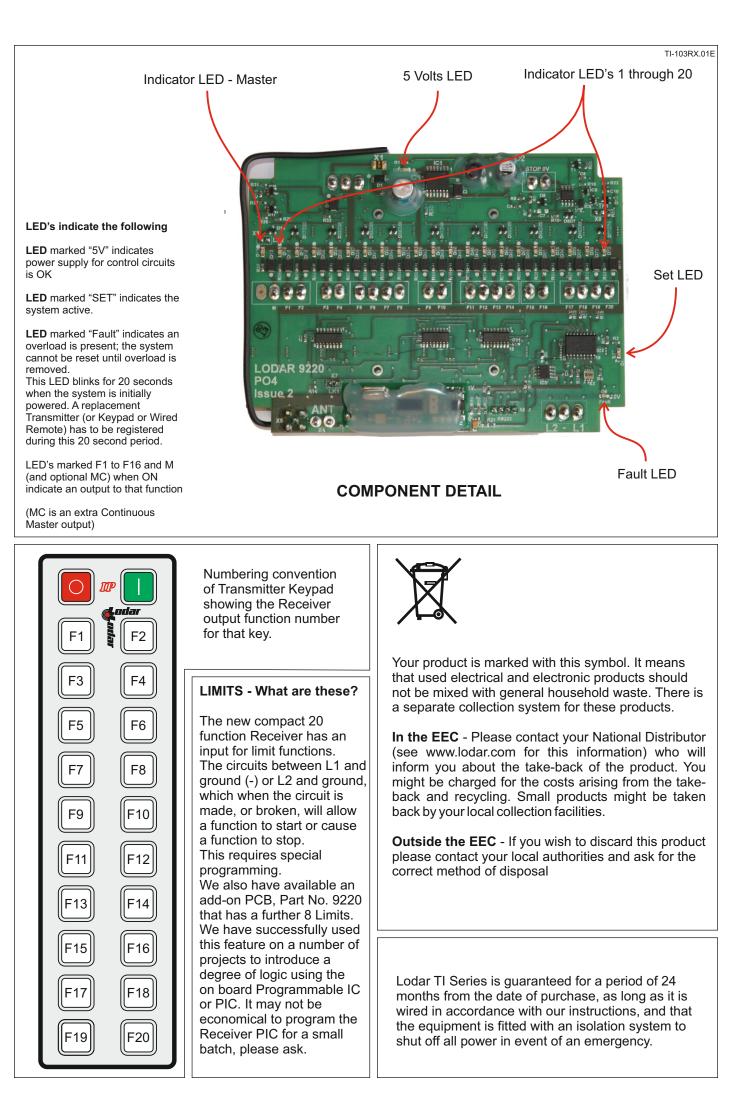
LK1, when bridged causes the Master Output to be Parallel

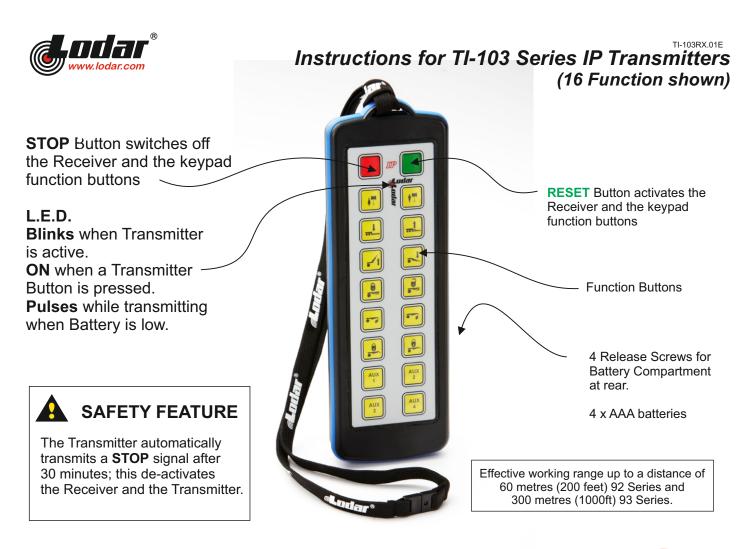
LK2, when bridged causes the Master Output to be Continuous

JUMPER MUST BE FITTED FOR LODAR TO WORK

POWER DOWN RECEIVER BEFORE MAKING CHANGES







To register Transmitters to the Receiver.

Switch OFF or DISCONNECT the power to the Receiver and briefly PRESS the STOP button on one or both Transmitter(s).

Switch ON or Reconnect the power to the Receiver. This opens a 20 second registration window in the Receiver processor.

If you are looking at the Receiver PCB the Fault LED Flashes. Immediately PRESS and HOLD both the Transmitter RESET Button and F1 Button (indicated). Continue to hold BOTH BUTTONS for a MINIMUM of 5 seconds during this 20 second window. When the Transmitter is Registered the Fault LED will be illuminated for **3 seconds**. Within this **3 second** period, FIRST release F1 and then the RESET button.

TO REGISTER TWO TRANSMITTERS:

When the fault light starts to flash again, immediately PRESS and HOLD both the Transmitter RESET and F1 Buttons of the second Transmitter. Continue to hold BOTH BUTTONS for a MINIMUM of 5 seconds or until the SET LED comes on. Both your Transmitters will now operate the Receiver.

PRIORITY.

Only one Transmitter can be active at any time. For the second Transmitter to work you have to turn off the first Transmitter. Once the second Transmitter is being used then that has priority and it has to be turned off before the first Transmitter can work again.

If you have any problems please phone either your local Distributor or Lodar directly:-UK +44 1922 613633. US 1-877- 257-1581.

PRESS & HOLD both RESET and F1 for a MINIMUM of 5 SECONDS