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# Wiring Instructions for 10, 16 & 20 Function, 92 & 93 Series, FET Receivers.

## **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.



MOUNT RECEIVER

### 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





projects to introduce a degree of logic using the

or PIC. It may not be

batch, please ask.

F18

F20

F17

F19

on board Programmable IC

economical to program the

Receiver PIC for a small

Lodar 9100 Series is guaranteed for a period of 24 months from the date of purchase, as long as it is wired in accordance with our instructions, and that the equipment is fitted with an isolation system to shut off all power in event of an emergency.