- UK Manufacturer of Remote Control Wireless Systems
- Industry Leader – Established in 1984
- Worldwide Distribution & Service Network
- Extensive R&D Facilities
Still Working Manually? Upgrade to a Wireless Controlled System

Lodar switches Hydraulic or Pneumatic Valves and Electric Solenoids

Lodar is Safe, Efficient, Reliable – stay in Control & away from Danger

Switch to Lodar
- Tow Trucks  Carriers, Winches, Hoists, Cranes
- Long Trailers  Rear Steering, Power Packs, Walking Floors
- Agricultural  Augers, Seed Carriers, Hoppers, Hoofing
- Pumping  Jetting, Hose Reels, Vacuum Pump Trucks
- Marine  Locks, Davits, Anchors, Thrusters, Capstans
- Industrial  Doors, Material Handling, Conveyors
- 5 Year Pro-Rated Warranty
- Withstands Water, Dust, Cold, Heat, Oil & Dirt
- Custom Software
- Over 2000 images for your Transmitter buttons
Transmitters
Ludor PAC
Mini

2 - 8 Function
Standard

2 - 8 Function
IP 67
Fully protected against dust and temporary immersion in water

2 - 20 Function
**Lodar PRO - IP Max**

**2 - 16 Function**

- **IP 68**
- Fully protected against dust and **continuous** immersion in water
IP Shift

12 - 40 Function

1 Transmitter / 2 Receivers
IP Wired

12 - 40 Function
IP Custom

IP Soft Control

IP Stainless
Customise

- Custom Button Images – over 2000 available
- Company Brand Labels
- Transmitter Holders with Buzzer & Lights
- Transmitter Covers for Extra Protection

Full information at lodar.com
Receivers
Lodar PRO - Mini

2 - 4 Function

<table>
<thead>
<tr>
<th></th>
<th>Mini</th>
<th>Standard</th>
<th>Deep</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2-4 Function</td>
<td>1-6 Function</td>
<td>8-40 Function</td>
</tr>
</tbody>
</table>
Transmitter / Receivers

- **Mini:** 2-4 Function
- **Standard:** 1-6 Function
- **Deep:** 8-40 Function

2 - 40 Function
Keypad

2 - 8 Function
Receiver Options

- Interlocks – Horizontal (Factory Set)
- Latching – Optional
- Master Output – Extra Function
- Time Out Adjustment - 30mins Standard
- Multiple Receivers - Optional
Actuators
THE ACTUATOR
Typical setup for the Air Cylinder - an ideal mounting position

Simple to Fit - One weld and one bracket

Simple to Pipe - Connect pipes to cylinder inputs
Blue pipes to Air Supply
Air Actuator

2 – 20 Function
(6 Function shown)

- No Air? – Works from Independent Compressor
- Easily convert hydraulics to a Lodar Remote Wireless System
- Suitable for Vehicles without Electrical Switching
- Uses Electrical Air Valves to switch Actuator
Electric Actuator

12v Only

2 – 6 Function
(4 Function shown)

- Easily convert hydraulics to a Lodar Remote Wireless System
- Electrical Switching 12v ONLY – NO Air Required
- Internal Clutch allows safe return to centre if power is lost
Choosing the Right Product

How many Functions? Choose from 1 to 40

What Transmitter style? Mini, Standard, IP, Shift or Slim

What Receiver Output? 3 amp FET or 15 amp FET

Existing Hard Wired Control? Possible Actuator Requirement

See Catalogue page 10
Part Numbers

Every number has a meaning

5 digits - Current 9 Series
6 digits - New TI Series

For a detailed explanation go to

www.lodar.com/partnumbers
The Future

Lodar has developed a TI (Texas Instruments) based product range. This greatly improves the speed and reliability of programming custom systems to individual requirements.

TI allows Lodar to develop evermore complex products to meet the future demands of industry.
Benefits

Transceiver Technology
- Two way communication

Reverse Polarity Protection
- Prevents damage to PCB

Multi-Channel Auto Changing
- Allows Close Proximity Operation

Master Output with PWM option
- Suitable to drive PWM flow valves

Increased Switching Amperage
- From 15 amps to 20 amps

Bluetooth Receiver
- Provides PC configuration without the need for external cables
Warranty

- 5 Year Pro - Rated
- Up to 2 years - **FREE** replacement
- 3 to 5 years - Nominal charge
- After 5 years - Out of Warranty
Marketing Materials

- Display & Leaflets
- Foamex Boards
- Catalogues
- Brochures
- Roll Up Banners
Safety Standards

- FCC & IC
- EN 301 489-3
- R&TTE (1999/5/EC)
- Low Voltage Directive 300.683
- EN ISO 13849-1
- BS EN 60204-1
- EMC E11 037601 (9 Series)