

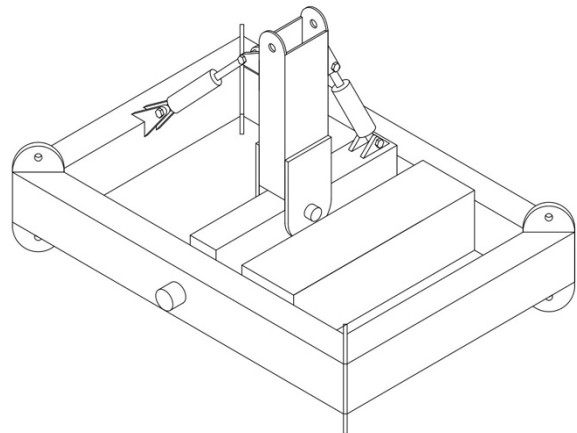


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TECHNICAL INFORMATION

WEIGHT	2000 LBS
LENGTH	78"
WIDTH	56"
HEIGHT	48"
WEIGHT CAPACITY	40,000 LBS
VOLTAGE	12 VOLTS



IMPORTANT SAFETY INSTRUCTIONS

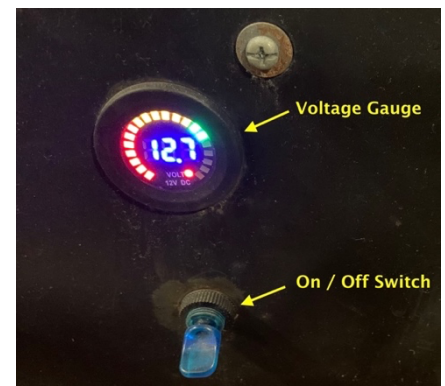
- 1. Only use Acculeveler to level a load when the load is close to the ground.**
- 2. If you pick up a load that is dangerously out of level, lower the load and re-rig it before trying to level it with Acculeveler. If you hit the wrong button on the remote you run the risk of putting the load farther out of level and dropping it. Severe personal injury and/or death and Property damage may result.**
- 3. Do not level a load while the load is in motion (i.e. when the crane is moving the load)**
4. Do not operate Acculeveler without reading and understanding the instructions.
5. Only Qualified, Trained and Authorized personnel should operate Acculeveler.
6. Before each use, inspect Acculeveler for damage, cracks, loose bolts or other defects. Defects should be corrected prior to use.
7. Acculeveler must be visually and mechanically inspected on a schedule basis by qualified personnel. See the **Maintenance** section of this user manual. **Acculeveler Products LTD cannot be liable for unmaintained products.**
8. Do not lift more than rated capacity.
9. Do not lift people or carry loads over people.

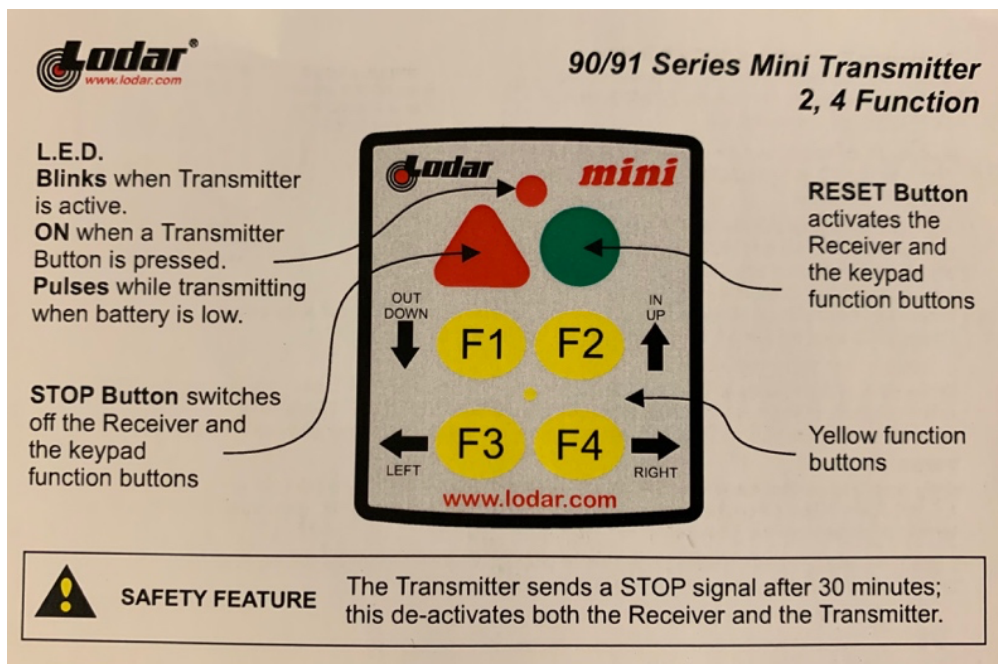


10. The weight of the Acculeveler and load must never exceed the rated capacity of the crane or hoist.
11. Do not operate a malfunctioning unit, or one with a "lock out" tag on it.
12. Follow Lock out / tag procedure per ANSI standard z244.1.
13. Do not use Acculeveler for anything other than its designated purposes.
14. Do not lift load higher than necessary or leave it suspended unattended.
15. Do not operate Acculeveler when capacity tag, or safety markings are missing.
16. Do not make alterations or modifications to Acculeveler.
17. Pinch point hazard. Always keep hands, feet, and fingers away from all moving components. Severe Personal injury could result.
18. Crushing hazard. Always keep hands, feet, and fingers away from all moving components. Severe Personal injury could result.
19. Shearing hazard. Always keep hands, feet, and fingers away from all moving components. Severe Personal injury could result.

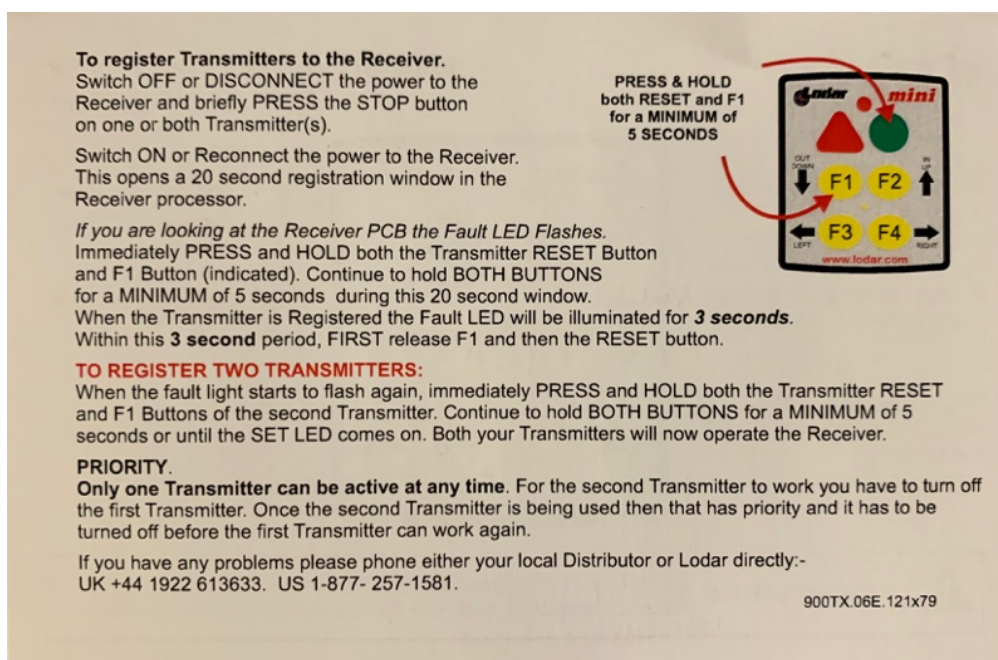
OPERATING INSTRUCTIONS

1. Complete **mandatory** inspections as per Maintenance area of this manual.
2. Plug in Acculeveler to a standard 120 volt outlet to charge before each use.
3. Turn on Acculeveler with switch.
4. Check voltage, 12.6 + volts is a full charge. To maintain a good battery life try not to run the voltage below 12.3 volts or 50% charge, 12 volts is 25% charge.
5. Turn on remote by pressing green button.
6. Press the **green** up and down buttons on the remote control to control the length of the Acculeveler. A **green** dot on the bottom of the Acculeveler indicates which side will go up and down.
7. Press the **red** up and down buttons on the remote control to control the width of the Acculeveler. A **red** dot on the bottom of the Acculeveler indicates which side will go up and down.
8. Remote automatically turns off after 30 minutes. To turn back on press green button.
9. Before picking up a load make sure Acculeveler is close to level.
10. A red light lights up on the bottom of the Acculeveler when the short axis (width) is within 2 deg of level.
11. To save battery power on the remote, press the red button to turn it off when not in use.





12. To Program a new remote, see instruction below.





MAINTENANCE

ACTION ITEM	DAILY	QUARTERLY (3 months)	YEARLY	ONCE
Inspect Acculeveler for structural deformation, cracks, or excessive wear	X			
Inspect shackles on safety straps. SEE FIG 4	X			
Inspect safety straps	X			
Inspect 1.25" main shackles at top of Acculeveler	X			
Inspect strap that hangs Acculeveler from crane hook, check rating	X			
Inspect hydraulic hoses for leaks and or damage	X			
Inspect hydraulic pump for leaks and or damage	X			
Inspect bolts holding on hydraulic cylinders SEE FIG 1	X			
Inspect bolts holding on end cap of the large main pin. SEE FIG 2	X			
Inspect through bolt holding small main pin in, should have double nut. SEE FIG 3	X			
Check torque on bolts holding on hydraulic cylinders (torque to 100 ft/lbs). SEE FIG 1		X		
Check torque on bolts holding on cap of large main pin (torque to 50 ft/lbs). SEE FIG 2		X		
Check torque on double nuts on small main pin (torque to 50 ft/lbs). SEE FIG 3		X		
Grease large main pin (both ends) & small main pin (one end)		X		
Complete a non-destructive test on the complete Acculeveler			X	
Remove small and large main pins and inspect for structural deformation, cracks, or excessive wear.			X	
Change Hydraulic fluid			X	
Load test Acculeveler to 125% of rated load (50,000lb load test)				X

TROUBLESHOOTING

PROBLEM	CAUSES	RECOMENDATIONS
Acculeveler not tilting (Pump running)	No hydraulic fluid in reservoir Air in Hydraulic circuit	Fill reservoir
Acculeveler not tilting (pump not running)	Batteries In Acculeveler dead Batteries in remote dead Remote too far from Acculeveler	Plug Acculeveler in to charge batteries Change remote batteries Move closer to Acculeveler
Cylinders leaking	Cylinder seals worn or damaged Hydraulic hose loose	Repack Cylinder Tighten hydraulic hose
Pump Leaking	Reservoir overfilled with oil Hose or fitting loose	Drain excess oil Tighten hydraulic hose or fitting



FIG 1

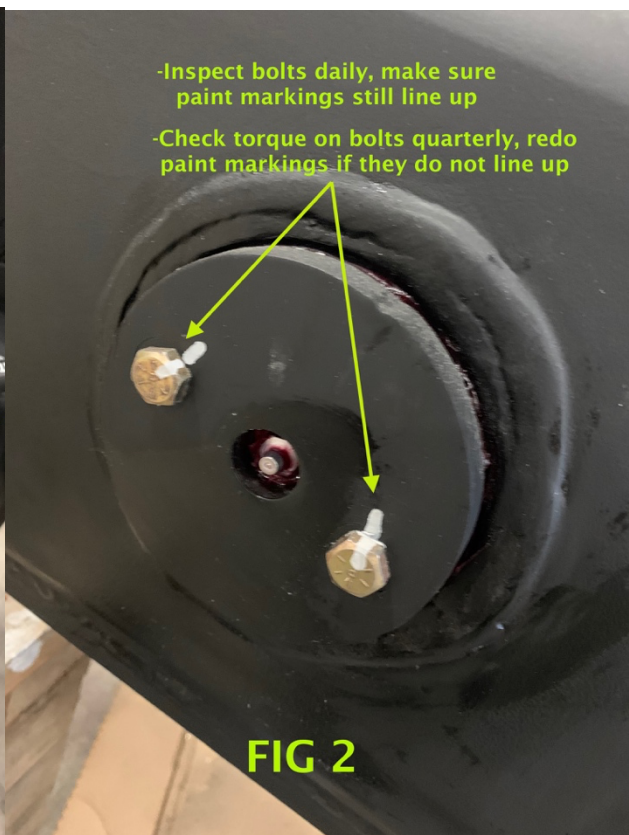


FIG 2



FIG 3



FIG 4

Acculeveler Wiring Schematic

