

TROUBLE SHOOTING GUIDE

Problems	Reason	Solution
PORTABOOM® Unit / Arm not operating	Main control board fuse is blown	The fuse is located at the back of the main PCB – If blown contact distributor for a replacement fuse
	Inline fuse is blown	The inline fuse is located at the bottom of the unit near the battery encased in black plastic – If blown contact distributor for a replacement fuse
	Battery Charge	Check low battery indicators on the control panel – If flashing red charge battery by connecting a charging lead to the 240V outlet (located bottom left of unit) to a 240V power point – When battery starts to charge the red advisory light will go out
Arm to high or low	Inclinometer Calibration	<p>Check inclinometer PCB positioning on mechanics located on Arm near motor – Ensure bracket and PCB is securely fastened to mechanics with the use of hex screws</p> <p>Check inclinometer PCB wiring to main PCB is securely fastened – Main PCB located behind the Control Panel</p> <p>Re-calibrate Arm to required level following instructions provided</p>
Unit won't turn on	ON/OFF switch	<p>When ON a green light is illuminated on the front of the control panel.</p> <p>If not illuminated Open Control Panel and</p>

		<p>check that all switch wiring is securely fastened to the PCB</p> <p>If the switch is considered faulty or damaged contact your distributor for a replacement switch</p>
Stability Legs won't slide	Wing nut	<p>Ensure wing nut is wound back to nut – The wing nut is located to the top of the stability leg</p>
Advisory LED's	LED/s not working	<p>Check wiring connection to terminal block on PCB located at the back of the Control Panel</p> <p>Replace LED/s – refer distributor for assistance</p>
Manual Push Button	Push button unresponsive	<p>Open Control panel and check that the wiring is securely fastened to the PCB</p>
Remote control distance is too short	Antenna coaxial connection to main PCB	<p>Check Antenna is securely tightened to unit</p> <p>Open Control panel and check that the Antenna SMA connection is firmly tightened on the main PCB</p>
	Remote control battery power is low	<p>Open the remote control casing and replace with a new same type battery</p>
		<p>Ensure the battery charger lead is securely connected to the rear of the 240V outlet located below the charger to the right</p> <p>Check to ensure the charging lead is</p>

	<p>Batteries Charge</p> <p>&</p> <p>Blue light on control panel doesn't illuminate when charging</p>	<p>securely connected to the 240V external outlet located to the left of the unit above the rear wheels</p> <p>Check that the charging lead is firmly connected to the power point and the power point is turned on</p> <p>Check lead to ensure no exposed wiring on the lead and that the leads test and tag label is in date – If not replace the lead</p>
<p>PORTABOOM® Arm does not work smoothly</p>	<p>Arm movement not smooth</p>	<p>Tighten spring located inside the casing – Spring is attached to the mechanical arm and the base of the unit with threaded rods and fixed into place with double nuts top and bottom. To tension the spring ensure Arm is vertical then loosen the nuts on either end of the threaded rods – pull top threaded rod up and bottom threaded rod down then hand tighten nuts – test arm movement – Arm movement should now be smooth - Lock threaded rods in place by tightening the double nuts at the top and bottom with a spanner.</p>
	<p>Pairing a remote control</p>	<p>Unscrew the Control Panel. At the back of the control panel, fitted to the main PCB is a smaller PCB fitted at a right angle– This is the receiver PCB for the remote controls – on the PCB there are two channels – Channel A closer to the perimeter of the PCB and Channel B positioned further into the middle of the PCB – both have black buttons – Remotes are paired to CHANNEL</p>

Remote Pairing		<p>B only – To program a remote press and hold the Channel B black button and at the same time press the button on the remote control – An LED near the Channel B button will initially turn RED then once paired will turn green – Once the LED turns green cease pressing the channel B button and the push button on the remote control – Once the LED turns green the remote has been paired successfully</p>
<p>Arm Movement</p>	<p>Arm movement loose</p>	<p>Ensure billet locking nut is tightened – Locking nut is located on the external shaft and is used to ensure the Arm stays firmly in place during up and down movement</p>
<p>Bounce back function not working</p>	<p>Amperage switch set to low</p>	<p>Open Control Panel and adjust “BLUE” amperage switch clockwise located on the on main PCB</p>