

Tuning The System ON and OFF

Turning the Crazi-Bugz on:

1. Ensure the ISOLATOR is switched OFF before the battery is connected.
2. Securely fasten the battery and secure the battery lid. Turn on the battery isolator.
3. The Crazi-Bugz Dash will show a solid **RED** joystick ring to indicate the Crazi-Bugz is in standby. Ensure the dash is not flashing before allowing a rider to enter the bug.
4. Once the rider has been seated and seat belts checked, you can activate the Crazi-Bugz by pressing the "ON" button on the remote control.
5. The Joystick LED ring will turn **ORANGE** whilst the joysticks are tested, this will Glow **GREEN** once this has completed and the bug is ready to run.

Should the Joystick Ring flash **RED** It indicates a problem with the joysticks.

#Check that the rider is not touching the joysticks during the self test.

Basic Controls

NOTE: THE CRAZI-BUGZ WILL ONLY OPERATE IF BOTH JOYSTICKS ARE PUSHED IN A DIRECTION. THE CRAZI-BUGZ WILL STOP AS SOON AS EITHER JOYSTICK IS RELEASED.

With the JOYSTICK LED INDICATOR solid **GREEN**

Forwards and Reverse: Push both joysticks Forwards / Reverse to move in either direction.

Turn Left / Right: Whilst driving forwards pull the Left stick in reverse to turn left, or pull the right stick in reverse to turn right. Ensure the opposite stick remains in the forward position. Push both sticks forwards to end the turn and continue forwards.

STOP: release both joysticks together.

SPIN: whilst the buggy is stopped, push one joystick forwards and the other joystick backwards to initiate a 360° spin.

Low Speed Mode: Under the dash is a large push button that will slow the BUG down, this should be used when manoeuvring the Bug in/out of storage and or tight spaces.

Turning the Crazi-Bugz off:

1. If the Crazi-Bugz is being operated in an unsafe way, or the operator wishes to undertake a remote stop for any other reason, the Crazi-Bugz unit can be stopped by pressing the "OFF" button on the remote control.
2. The Crazi-Bugz are in standby when the front and rear lights are no longer lit, and the Joystick LED ring is solid **RED**
3. Ensure the isolator is in the "OFF" position before disconnecting the battery.
4. If the Crazi-Bugz is no longer to be used the battery should now be disconnected.

It is only safe for a rider to embark and disembark a Crazi-Bugz when the Joystick Indicator is solid RED or the Isolator is switched OFF

Dash Panel



1. JOYSTICK LED INDICATOR RING

- **Constant RED:** Joysticks are in Standby Mode, in this mode the Crazi-Bugz will not respond to joystick input.
- **Constant GREEN:** Joysticks are active, and the Crazi-Bugz will drive normally.
- **ORANGE:** Joysticks are testing, in this mode the Crazi-Bugz is testing the joysticks, operating a joystick in this mode will reset the test and/or show an error on the display.
- **Flashing RED left:** Left Joystick, Joystick Unplugged, Joystick Failure, Joystick is not in centred position.
- **Flashing RED Right:** Right joystick, Joystick Unplugged, Joystick Failure, Joystick is not in centred position.
- **Both Flashing Red:** Both Joysticks in fault, Unplugged or not in a centred position during self test.

2. DIRECTION AND SPEED LED INDICATOR RING

- Left and Right pulsing LEDs will indicate motor direction and motor target speed when the Crazi-Bugz is driving.

3. SYSTEM STATUS LED INDICATOR RING

- A series of flashes on this indicator usually accompanied by flashing headlights indicates a system error.
- **Flashing RED X 3 :** CONTROL BOX OVER TEMPREATURE, turn isolator off and allow to cool.
- **Flashing RED X 6 :** JOYSTICK FAILURE, Joystick unplugged, or fault detected on a joystick. Check that joysticks can move freely and spring back to centre.
- **Flashing RED X 7 :** FAN FAILURE, Bug will enter LIMP mode to enable the Bug to be driven off the track, System will shut down after a further 3 minutes to prevent motor damage.
- **Flashing YELLOW:** The system has paused to prevent damage to the motor, this will automatically reset within 10 seconds.

Pre Checks (Daily As a Minimum)

- Ensure the **Crazi-Bugz** is clean and presentable. Ensure there is no condensation in the battery compartment or on any battery leads or connectors.
- Conduct an all-round visual check for loose or worn components, including wear and tear to the safety harnesses.
- Check the **Crazi-Bugz** tyre pressures are within the safe operating specification stated right and that the valve dust caps are fitted and tight. Tyres must not be less than required pressures shown.
- Ensure all nuts and bolts are tight and the joysticks working such that the Crazi-Bugz starts, stops and turns as intended. Ensure the remote control is working and has battery life. There should be **NO** flashing warnings on the dashboard.
- Check that the battery connectors and the battery mounting area is clean, dry and free from moisture.
- Ensure seat belts lock and unlock as intended and can be tightened.

Tyre Pressures*					
		Left	Right		
15 psi	Front			15 psi	
1.0 bar					1.0 bar
15 psi	Middle			15 psi	
1.0 bar					1.0 bar
15psi	Rear			15 psi	
1.0 bar					1.0 bar

A LOG SHOULD BE KEPT OF THE DAILY PRE CHECKS AND ANY FINDINGS RECORDED.

After you operate the Bugz (daily actions as a minimum)

- Remove the battery before cleaning, Position the **Crazi-Bugz** safely and securely on an incline with the rear wheels raised above the front. Clean the **Crazi-Bugz** with a low pressure hose **below the rubber bump strip only** – ensuring to clean around and behind the wheels. **Do not apply a direct water jet above the bump strip** as this may force water inside of the vehicle.
- Ensure no water is permitted to enter or get near to the battery box or control box. To do so is likely to damage the product, stop it working and/or cause flaming gases to emit from the batteries which could cause serious injury.
- Remove the battery and charge and store as directed in the manual (see section 4.4). Leave battery compartment lid open to allow air to circulate.
- Remove the seat covers and hang to dry if they are wet
- Ensure **Crazi-Bugz** are stored in a dry and secure environment overnight.



Caution! Failure to undertake these procedures may result in undue distress, wear and tear, and failures, which will not be covered by your maintenance package.



***Tyre pressures may vary depending on the terrain of your site. Please contact your Crazi-Bugz representative if you have any queries regarding the correct tyre pressure.**

Remote Control



Pairing the remote control to a Crazi-Bug

1. located underneath the dash panel is two buttons a small button for pairing, and a larger Slow Mode Button. Press and release the pairing button for 1 second.
2. Press the ON Button, wait 3 seconds and then Press the On button again on the key fob to pair. Wait a further 5 seconds before use.

NOTE: Holding the pair button for 8 seconds will erase the **Crazi-Bugz** remote control memory.

Changing The Battery : **50V SHOCK HAZZARD! Wear Gloves when Handling the Battery and connectors.**

1. Ensure isolator switch is in the OFF position
2. Unfasten the battery strap securing the battery in place by pressing down on the release buckle.
3. If a battery is already connected, disconnect it, lift it out and place on solid dry ground.
4. Ensure that the battery compartment and the connectors on the battery box are perfectly clean and dry and there is no condensation.
5. Insert the battery box into the battery compartment and fasten the battery strap.
6. Plug the **power connector** into the corresponding connector within the battery compartment.
7. Fasten the battery strap ensuring cables are neat and replace the battery lid with the buckle fastened.
8. Turn isolator to the ON position.

Charging The Battery **Failure to follow these steps could cause adverse effects and pose a safety risk.**

- **SHOCK HAZZARD! Wear Gloves when Handling the Battery and connectors**
Failure to follow this order of steps can lead to a shock.
- Batteries should be charged within 12 hours after depletion to prevent long term damage.
- Ensure chargers are in good condition, and that **BOTH** battery and charger are free from condensation with good ventilation.
- Chargers / batteries should not be used on the floor!
- Chargers should have there own RCD protected socket and NOT be used with adapters or extension leads.
- Batteries should not be stacked or covered.
- Batteries should be left to cool before charging for at least 30 minutes after last Crazi-Bugz use.
- Batteries should be charged at a ambient temperature between **10°C & 30°C**
- Inspect connection pins for damage before connecting charger to battery.
- Mains Switches must be on with the power light lit before connecting the charger to the battery.
- Connect the battery to the charger by firmly clicking the GREY Anderson plugs together.
- **LED1:** power on. **LED2: RED** Charging, **GREEN** fully charged.
- Once fully charged disconnect the battery (holding both connectors and **NOT THE CABLES**) and then switch of the charger at the wall.
- **LOOP THE BATTERY CABLE THROUGH THE HANDLE WHEN BATTERIES ARE STORED**