S111 Belly Pack Lite
Quick start guide

This guide gives you all the information you need to get started with your Aarcomm S111 Belly Pack Lite, including the following:

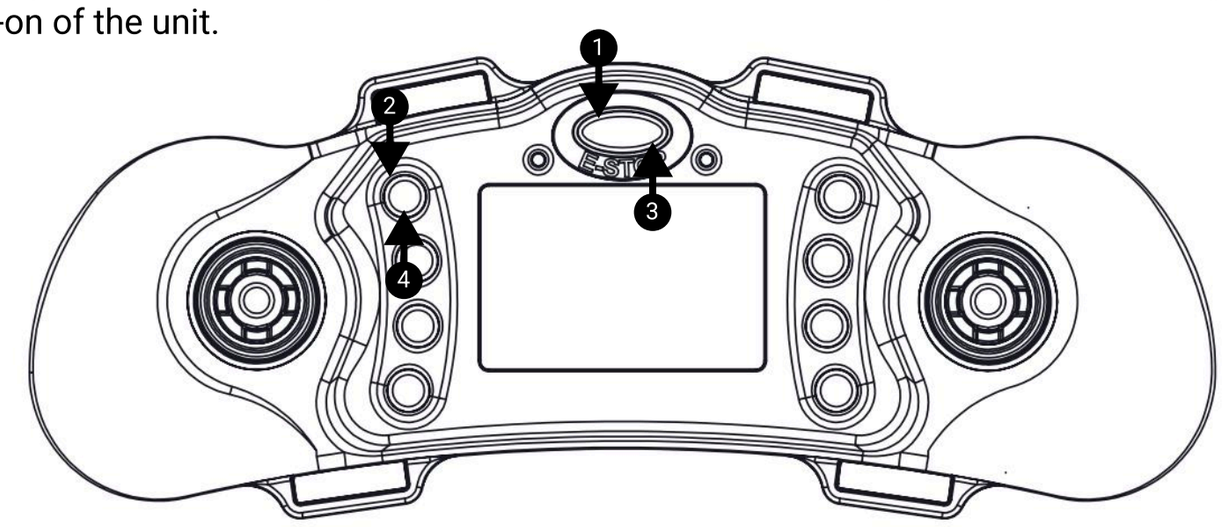
- **Turning on your device**
- **Matching your device with the C220 receiver**
- **Mounting the receiver**
- **Installing the harness**
- **Installing the antenna**

POWER ON YOUR REMOTE

The Belly Pack Lite unit requires a special sequence to power on. This sequence verifies that the start and stop buttons are working correctly prior to operation. It also minimizes any accidental powering-on of the unit.

To power on your Belly Pack Lite:

1. Press and hold the red button.
2. Press and hold the top-left button.
3. Release the red button.
4. Release the top-left button.



The green LED beside the green button will light up. If it flashes steadily, it means that the system is on but there is no link to a receiver.
If the LED is solid or flashes quickly, it means that the system is on and linked to a receiver.

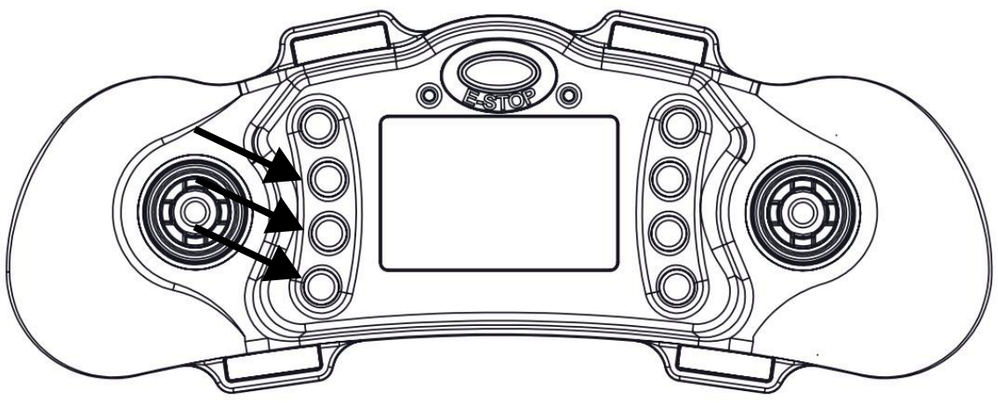
POWER OFF YOUR BELLY PACK LITE

Press the red button to power down the remote. The LCD screens will go into sleep mode and not draw any power from the battery

MATCH YOUR REMOTE AND RECEIVER

You can match your Belly Pack Lite with a receiver using two different methods, but first you have to put your Belly Pack Lite into match mode:

1. Press and hold the red button. The red LED light will begin to flash.
2. Press and hold the three bottom-left grey buttons. The green light will turn on and the red light will flash more quickly.
3. Release all buttons. The screen will show **Match Mode**, followed by firmware information.



FIRST METHOD - POWER CYCLE METHOD

1. Power on the receiver.
2. Power off the receiver six or seven times. Power off for half a second and then on for one second. On the final cycle, leave the power on.
3. The LED on the receiver turns blue. Once matched with the remote, the light changes to blue-white.

SECOND METHOD - MAGNET METHOD

1. Power on the receiver.
2. There are four magnets on the back of the Belly Pack Lite. They are in pairs, one with a CAN symbol and the other with a USB symbol.
3. Wave only one pair of magnets over the Aarcomm logo on the receiver.
4. The LED on the receiver turns blue. Once matched with the remote, the light changes to blue-white.

CHARGE YOUR BELLY PACK LITE

The Belly Pack Light is waterproof and completely sealed to IP66 rating. The remote doesn't have a removable battery and charges using the U150 Universal Charging Cradle. The magnets on the back of the remote are used for alignment and not electrical contact.

During operation, the red light flashes when the Belly Pack Lite needs charging. Place the Belly Pack Lite on the Universal Charging Cradle to begin charging. The display shows the charge status. Wait one or two minutes for the charge level to be calculated accurately.

The battery takes approximately three hours to fully charge. The battery can be charged at any time even if it is not depleted. A full battery will last 25 or more hours, depending on the performance setting.

C220 AND C200 RECEIVER MOUNTING

The C220/C200 is waterproof and IP67 rated. We recommend that you mount it somewhere protected from weather and vibration.

WIRE HARNESS INSTALLATION

The C220/C200 receiver comes with a wire harness that is specific to your machine. Fully insert the connector into the bottom of the C220/C200 and tighten the hex screw. Do not over tighten.

ANTENNA INSTALLATION

The mounting location for the antenna should be chosen so that the C220 and C200 receiver antennas have the best possible line of sight with the Aarcomm handheld in order to maximize the operating range. The standard antenna mount provided is an NMO type and requires a 3/4" hole.

- When installing with a hole saw, remove any burrs, particularly on the underside of the hole.
- Remove paint in a narrow ring around the hole.
- Metal-to-metal contact between the vehicle and the mount is essential for best performance.
- An optional L-bracket can also be supplied if it's not possible to cut a 3/4" hole on the mounting surface.

Make sure the gold contact on the mount is clean before attaching the antenna.

For proper antenna contact, use the supplied rubber gasket for metal thickness ranging from 0.030" to 0.050".

The gasket isn't required for thickness from 0.050" to 0.100".

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