H106 Wireless Kill Switch
Quick start guide

This guide gives you all the information you need to get started with your Aarcomm H106 Wireless Kill Switch, including the following:

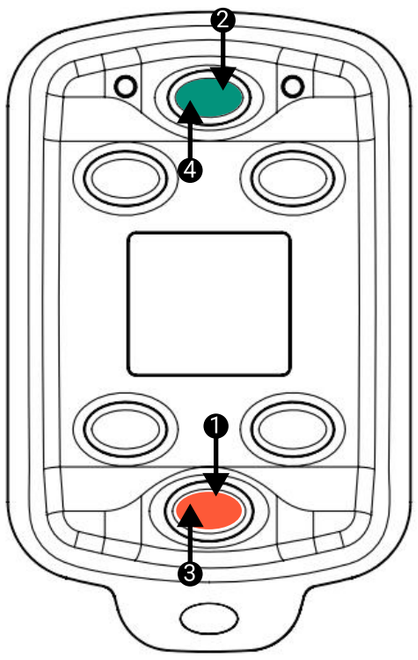
- **Turning on your device**
- **Matching your device with the C220/C200 receiver**
- **Mounting the receiver**
- **Installing the harness**
- **Installing the antenna**

POWER ON YOUR REMOTE

Your Aarcomm handheld remote requires a specific sequence to power on that ensures all buttons are working correctly prior to startup and to minimize the chance of the remote powering on accidentally.

To power on your remote:

1. Press and hold the red button.
2. Press and hold the green button.
3. Release the red button.
4. Release the green 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.

MATCH YOUR REMOTE AND RECEIVER

To pair your Aarcomm remote with a receiver, both devices need to enter match mode within a 60 second timeframe. You can match your remote through two different methods:

FIRST METHOD - POWER CYCLE METHOD

1. Turn off the H106.
2. Press and hold the red button. The red LED will turn on.
3. Press and hold the top-left and bottom-left buttons. The green LED will turn on.
4. With both lights on, release the red button and the two buttons on the left side.
5. Turn the power of the C220 receiver on for one second then off for a half second.
6. Repeat six to seven times. On the sixth time, keep the power on.
7. Check the screen of your remote device for the **Match Successful** message. Your system is ready to operate.

SECOND METHOD - MAGNET METHOD

1. Turn the receiver on. The LED should be white.
2. There are two magnets on the back of the remote. Wave the magnets over the sensor on the receiver until the LED light changes to dark blue. This indicates that the receiver is in match mode.
3. Turn off the H106.
4. On the H106 Wireless Kill Switch, press and hold the red button. The red LED will turn on.
5. With the red button pressed, press and hold the top-left and bottom-left buttons. The green LED will turn on.
6. With both lights on, release the red button and the top-left and bottom-left buttons. The screen will say **Match Mode**, followed by **Match Passed**.
7. Turn on both the H106 and receiver. Your system is ready to operate.

POWER OFF YOUR H106 REMOTE

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

CHARGE YOUR REMOTE

The Wireless Kill Switch is waterproof and completely sealed to IP67 rating. For improved reliability, it doesn't have a removable battery and is charged using a charging cradle. The magnets on the back of the Wireless Kill Switch are only used for alignment and not for electrical contact.

During operation, the red light flashes when the Wireless Kill Switch needs charging. Place the Wireless Kill Switch on the charging cradle. The display shows the charge status. Wait for a minute or two for the charge level to calculate accurately.

A battery that is completely discharged will take approximately three hours to charge. The battery can be charged at any time even if it's not depleted. A quick 30 minute charge allows the Wireless Kill Switch to operate for eight hours. A full battery lasts 40 or more hours, depending on the performance setting.

SENSING MODE

On start-up, the screen shows the configured sensing mode (**Vertical**, **Slope**, or **Horizontal**), the message **Get Ready**, and the configured maximum angle and maximum acceleration.

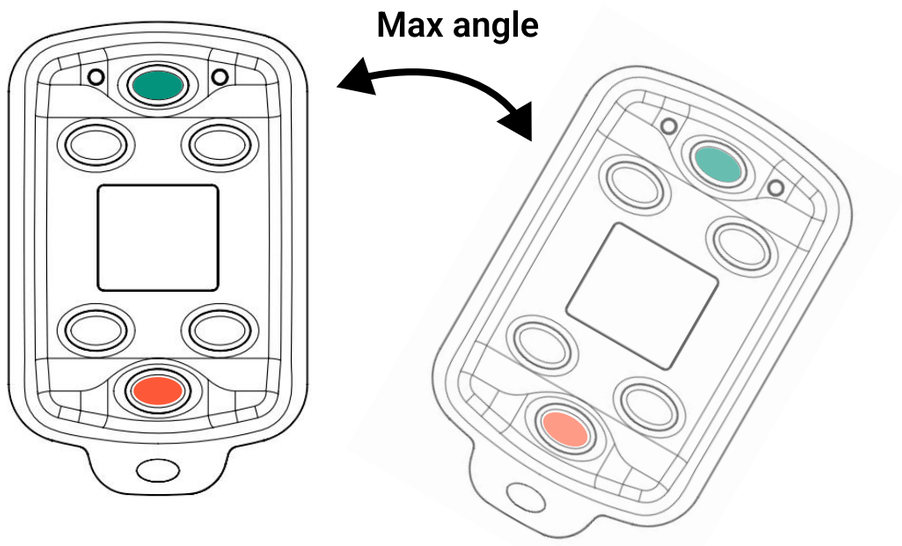
Get Ready shows for five seconds, during which time the wand isn't detecting motion. After five seconds, the message changes to **Sensing**. The Wireless Kill Switch is now monitoring the angle and acceleration for variations exceeding the configured limits.

CHANGING SENSING MODE

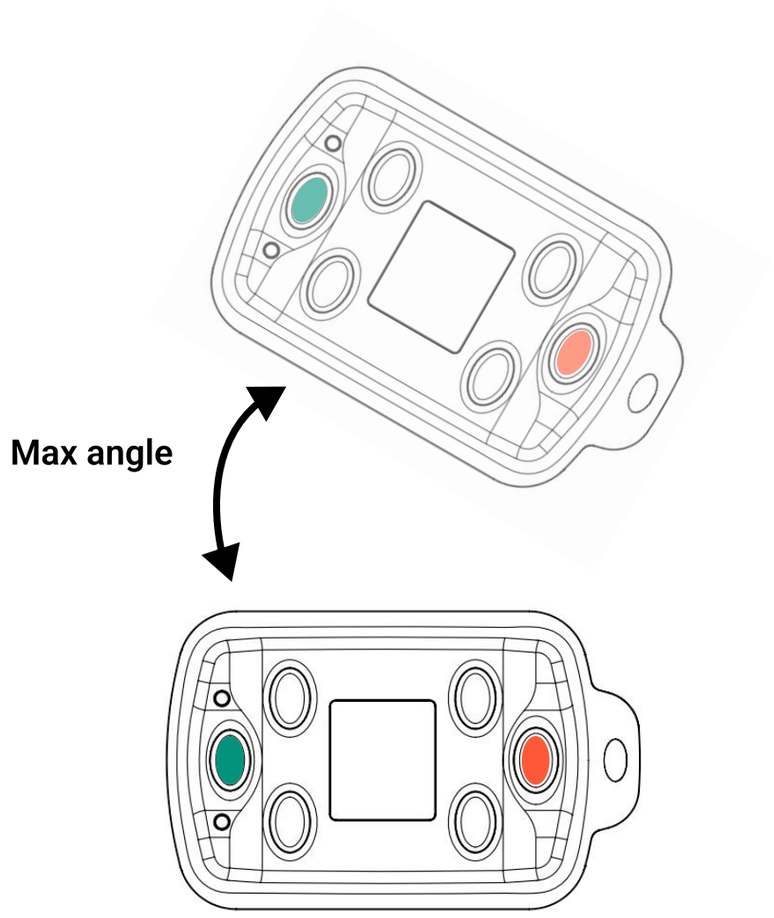
In **Vertical** mode, the maximum angle is calculated from vertical/ upright. In **Horizontal** mode, the maximum angle is calculated as the angle from horizontal. In **Slope** mode, the angle is set based on specified parameters.

To switch between **Vertical**, **Slope**, and **Horizontal** sensing modes, press the top two grey buttons at the same time. When the mode has been changed, the Wireless Kill Switch displays **Get Ready** for five seconds before resuming the motion sensing.

N.B. **Slope** mode's reference angle is halfway between the **Vertical** mode reference and the **Horizontal** mode reference.



VERTICAL MODE



HORIZONTAL MODE

CUSTOMER SUPPORT
1.604.265.8500
1.800.604.9218
customercare@aarcomm.com

AARCOMM

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 receiver is equipped with a customized wire harness designed specifically for your machine.

It’s crucial to ensure proper installation by fully inserting both connectors into the bottom of the receiver and securely fastening them with the latches, ensuring optimal functionality and compatibility.

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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