



WHEREVER YOU GO  
**m** SERIES  
 SkyMate

# Quick Start Guide Sentry Kit



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### Self-installation Disclaimer

It is your responsibility to determine if you have the knowledge, skills and physical ability required to properly perform an mSeries Sentry installation. If you don't, it is recommended that you get a trained technician to do the Sentry installation. SkyMate shall have no liability for damage or injury resulting from the Sentry installation or use of any SkyMate products.

### Warning

This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

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## What's in the mSeries Sentry Kit?

1. Sentry Adapter with four sentry cables (2m each)



2. Contact Sensor and Tactile Sensor



3. Shore Power Sensor



4. Water Level Sensor



5. DC Actuator



6. mSeries Battery Backup + Mounting Kit



## A Start Here to enable the Sentry option

### 1. Enable the Sentry option (if it was not done when you Activated)

- Connect mazu to the Internet.
- Go to **mazu > Sentry** (follow the mazu tutorial).
- Select the same Service plan that you already have but with the Sentry option.

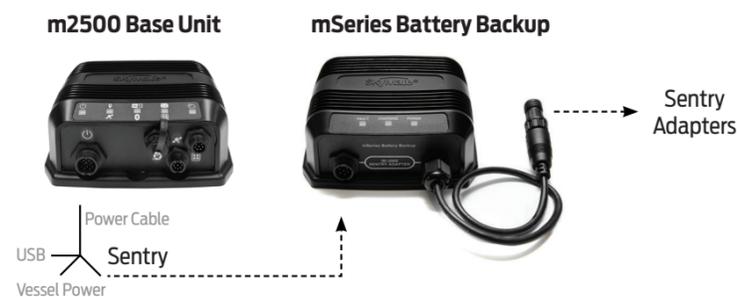
### 2. Complete the Sentry activation and initialization

- Connect mazu to the m2500 Base Unit.
  - The SkyMate Server will activate Sentry on the Base Unit (over Iridium).
  - This normally takes 1 – 2 minutes.
- When Sentry is activated, mazu will notify the user.

## B Install and configure your m2500 Sentry Kit

### 1. Install the Sentry Adapter(s)

- Connect the first Sentry Adapter to the mSeries Battery Backup cable. If there is a Sentry Adapter already connected, connect the second Sentry Adapter to the first Adapter. The system supports up to four Sentry Adapters.



- Install/route the four cable wires of the Sentry Adapter to where devices are to be installed. Additional cable may be required to extend the sentry cables.
- Power OFF the m2500 Base Unit.** Connect the Sentry connector of the m2500 Power Cable to the mSeries Battery Backup connector. Power ON the m2500 Base Unit.
- Do not attach devices to the cables at this time... the sentry cable wires need to remain exposed.**

### 2. Prepare mazu to configure Sentry Adapters

- Connect mazu to the m2500 Base Unit.
- Go to **Sentry > Setup** (follow the mazu tutorial).

### 3. Synchronize the cable/device with an icon on the Sentry > Setup screen

- To sync, connect/twist the cable wire pair (black and white wires) together and the associated icon on the Setup screen will become yellow.
- Configure and enable the device on mazu.
- Install/connect device to cable.
- Repeat the above steps for all sentry cables and devices.

### 4. Create Rules for your Sentry Adapter devices

- Go to **Sentry > Rules** (follow the mazu tutorial).
- Setup a sentry rule to be associated with each of the installed sentry devices.
- Test each rule (only the Action is performed).
- Rules can be configured so that they are always active, or only when Monitor is ON or OFF.
- It is important that a Sentry Rule is created for each device.

### 5. Review Sentry Status

- Go to **Sentry > Status** to view the status of the configured devices/sensors.
- Status can be reviewed remotely over the Internet. When connected, a Refresh button will appear on the Status screen to get the current state of your Sentry system.
- The Monitor state can be modified remotely over the Internet, turning ON or OFF the rules associated with that state.

### 6. Configure the Anchor Alarm and Geo-Fences

- The Anchor Alarm and one Geo-fence have been pre-configured (but are Disabled). A sample rule for each has also been created (but are in the OFF state).
- Go to **Sentry > Setup** and re-configure and/or enable them.
- Go to **Sentry > Rules** and re-configure and Test the sample rules associated with these sensors.

### 7. Configure the System Sensors

- All of these sensors are by default (out-of-the-box) enabled. They can be disabled on the **Sentry > Status** screen.
- Go to **Sentry > Rules**. Sample rules for each of these sensors are provided.

### 8. Configure Sentry Status Reporting

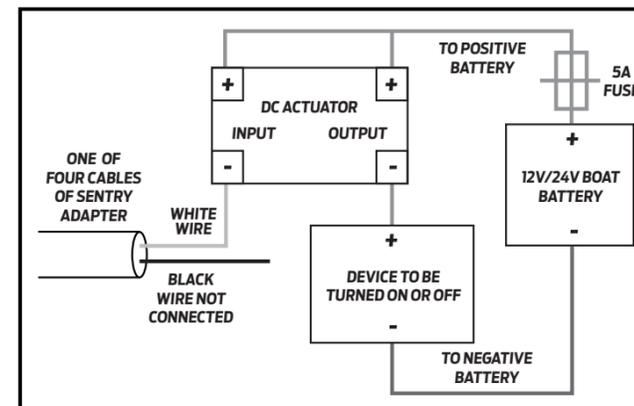
- Go to **mazu > Settings > Peripherals > Sentry Status Reporting** to configure the sentry status reporting frequency and recipient(s).
- All sensors that are active will be included in this report.

### 9. Backup the Sentry configuration that you have created

- It is good practice to do this when you have changed the configuration (e.g. Setup and/or Rules).
- Go to **Sentry > Setup** and press the **Backup/Restore** button. You must be connected to the m2500 Base Unit.
- Your Sentry configuration can be restored when required.

## C Technical References

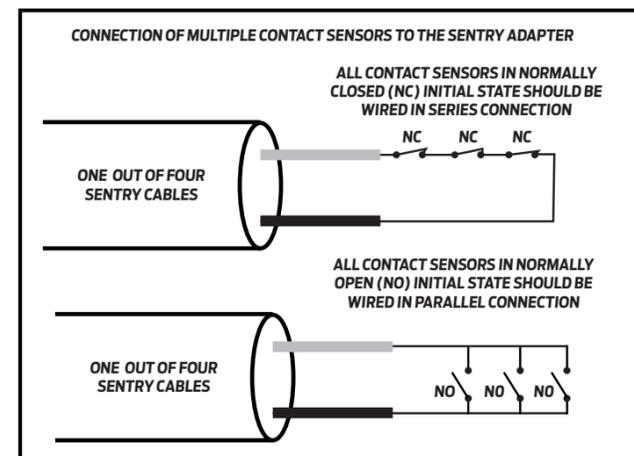
### 1. DC Actuator wiring installation



#### NOTES

- SECURELY MOUNT ACTUATOR.
- LIMIT DEVICE LOAD TO 5 AMPS.
- AVOID MOUNTING THE ACTUATOR ON SURFACES THAT MAY GET WARM.
- THE ACTUATOR INSTALLATION REQUIRES PROPER POLARIZATION (AS SHOWN).

### 2. Multiple contact sensors installation on one Sentry Adapter cable



#### NOTES

- CONTACT SENSORS ARE NOT POLARIZED.
- IT IS NOT REQUIRED TO OBSERVE WIRE POLARITY FOR SENSOR INSTALLATION.

### 3. Shore Power Sensor installation

This sensor should be installed by a qualified technician.  
**WARNING – HIGH VOLTAGE HAZARD**