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MOB+ ™ Wireless Kill Switch offers the freedom you need to have a great experience while you are boating. Just relax and do what you need to get your game on, while MOB+ Wireless Kill Switch cares for your safety should a MOB (Man-Over-Board) event occur. Be safe to be free!

LIBERTY

Boating is about freedom and doing exactly what you want to do. Boating is action, it’s movement, it’s leisure. Being tied down to your dashboard is the exact opposite of all those things; you have limited capabilities to engage in the boating experience, while remaining safe. MOB+ Wireless Kill Switch enhances your ability to move about the boat, whilst still being safe if you were to fall overboard.

ACTION

Get your game on, bring out your rod and enjoy those fantastic fishing moments. MOB+ Wireless Kill Switch is your personal companion looking out for you every second of your boating trip. Don’t think –just reel in!
MOB+™ sets a new standard for wireless kill switches and safety onboard. MOB+ is developed to provide 100% reliability and stop your engine in just one second should you fall over board. The WiMEA® Protocol is revolutionary wireless technology developed specifically for this purpose; to give boat drivers freedom and safety. Developed specifically for harsh marine environments, our patented Wireless Marine Electronics Algorithm (WiMEA®) delivers a consistent and trouble free wireless connection. Our design incorporates completely sealed electrical components that will stand up to sun, salt, and repeated exposure to water.
MOB+™ Wireless Kill Switch works under your terms. The system consists of an easy to install xHUB™ mounted in your boat and a wearable xFOB™. The two communicate wirelessly with each other. Wear the xFOB as it suits you. MOB+ Wireless Kill Switch offer a range of wearable options for you to be most comfortable using the system. The xFOB has more than 300 hours of battery life, and is powered by an easy to change standard coin cell battery. The xHUB connects to your boats power system (12V-24V) and to your engine stopping system. Intuitive and easy to use via a one-click user interface. Just click the xFOB once when you enter your boat and you are ready to go!

**BE PERSONAL**

Personalize your system with a variety of colors and attachment options to choose from:
### Measurements and performance

<table>
<thead>
<tr>
<th><strong>Weight</strong></th>
<th>164g / 5.8oz.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Housing material</strong></td>
<td>ASA / TPU / PBT / POM – RoHS</td>
</tr>
<tr>
<td><strong>Temperature range</strong></td>
<td>From -15°C / 5°F to 55°C / 131°F</td>
</tr>
<tr>
<td><strong>Voltage Source</strong></td>
<td>Coin Cell Battery – 12V nominal</td>
</tr>
<tr>
<td><strong>Power consumption</strong></td>
<td>0.3 µA in sleep (0.00033 W), 30 mA in active mode (0.098W)</td>
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<tr>
<td><strong>Battery life</strong></td>
<td>300 hours continuous usage</td>
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### Wireless performance

<table>
<thead>
<tr>
<th><strong>Frequency area</strong></th>
<th>EU: 868 MHz</th>
<th>US: 915 MHz</th>
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<tr>
<td><strong>RF signal (in)</strong></td>
<td>10 dBm max.</td>
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<tr>
<td><strong>RF signal (out)</strong></td>
<td>10 dBm max.</td>
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</table>

#### Battery xFOB

- **Battery type**: CR2032
- **Battery voltage**: 3V lithium battery

### Certifications and compliance

- **Radio - xFOB**: EU: R&TTE, EN 300 328, Maritime/CE, USA: FCC Part 15C
- **EMC - xFOB**: EU: EN 301 489-01 (V1.9.2), Class A, USA: CISPR 16-1
- **Flammability - xFOB**: IEC 60950 1 & 22, CE-UL94
- **Immersion xFOB**: IEC 60945, IP68, Maritime/CE - 3m / 10ft. water resistant
- **RoHS (2002/95/EC) compliant materials**: ✔
- **ABYC A-33 compliant**: ✔

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### Measurements and performance

<table>
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<tr>
<th><strong>Weight</strong></th>
<th>10g / 0.35oz.</th>
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- **RoHS (2002/95/EC) compliant materials**: ✔
- **ABYC A-33 compliant**: ✔
**xBAND™**

Measurements and performance

- **Weight**: 10g / 0.35oz.
- **Housing material**: Silicone
- **Temperature range**: From -15°C / 5°F to 55°C / 131°F
- **Metal Lock**: Stainless steel, zinc alloy

Certifications and compliance

- Flammability - xBAND
  - IEC 60950 1&22, CE-UL94
- RoHS (2002/95/EC) compliant materials

**xTAG™**

Measurements and performance

- **Weight (total)**: 30g / 1.05oz.
- **Tag Housing material**: Silicone
- **Clip-On material**: Polycarbonate (PC)
- **Temperature range**: From -15°C / 5°F to 55°C / 131°F
- **Floating Lanyard**: Nylon, Foam
- **Total lanyard length**: 800 mm / 31.5in
- **Floating Lanyard diameter**: 12 mm / 0.47in

Certifications and compliance

- Flammability - xTAG
  - IEC 60950 1&22, CE-UL94
- RoHS (2002/95/EC) compliant materials
When it's only you and your boat, it's good to know that you have someone looking out for you. Experience unlimited movement - no hassle, no worries.
**MOB Mode**

MOB Mode (Man Overboard Mode) is the safety mode of the system. MOB+™ will automatically activate shutdown of the engine when the xFOB™ is submersed in 4 inches (10 cm) of water or travels out of range from the xHUB™. After 6 seconds, the system automatically activates Override Mode. In Override Mode any passenger or crew onboard can restart the engine without the need to interact with the MOB+ system. This allows for a quick recovery of the missing person in the water and enhances safety.

**dStart™**

dStart™ is the direct restart feature in the MOB+™ system. After 6 seconds MOB+ lets any remaining passengers in the boat restart the engine to pick you up in the water should a MOB event occur. When you get back on board you can reconnect by one click on the xFOB™.

**Safe to Be Free™**

6 - 5 - 4 - 3 - 2 - 1

**Restart**

**In the Zone**

As long as you stay within wireless range you are free to drive your boat and move about as you feel like. Just relax as MOB+ cares for you if a MOB event should occur.

**In the Water**

Should you fall overboard the MOB+ will stop the engine because the wireless connection is lost when submerged in over 4 inches of water, even if you are still within 50 feet of your boat.

**Out of Range**

If you get out of the wireless range of MOB+, whether by falling overboard in the water or walking away from your boat on the docks, the engine will stop.

**Drive**

Freedom Onboard: Range up to 50 feet. 4D antenna diversity ensures a robust connection. Enjoy higher seas and stronger winds.

**No Connection**

**MOB**

Should you fall overboard the engine will stop as you hit the water.
It’s obvious, there’s no comparison with traditional corded lanyards. The MOB+ is safer and easier to use. Just wear the xFOB™ as you want, and click once when entering your boat for the next boating trip to connect. That’s it!

The WiMEA® Protocol is highly advanced. Through our unique ID technology, your xFOB only syncs to the xHUB™ installed in your boat. The first time you use the system, just pair the two units by pressing down on the xHUB for 3 seconds, and repeat on the xFOB, that’s it!

**ONE-CLICK CONNECT**

One-click connect

Unique ID

**CONNECT**

ONE-CLICK

Click once and you are connected. Up to 300 hours battery life

**DRIVE**

FREEDOM ONBOARD

Up to a 50 foot range. 4D antenna diversity ensures a robust connection. Works flawlessly even in high seas and strong winds.

**MOB**

AUTOMATIC ENGINE STOP

If you fall over board the engine will stop as you hit the water

**DISCONNECT**

EASY

Click once to disconnect

If you fall over board the engine will stop as you hit the water
When you are out there to catch the next big adventure, unlimited freedom to act on every opportunity matters. Unlimited freedom and safety enhances your performance onboard!
INDUSTRIAL GRADE

The WiMEA® Protocol is developed using our proprietary industrial-grade wireless technology to provide a wireless link that is as safe as a corded kill switch connection. The WiMEA® Protocol can be used in a standalone product such as the MOB+™, and has the potential to be integrated into other OEM systems.

INTELLIGENT TECH

The WiMEA® (Wireless Marine Electronics Algorithm) is a highly advanced marine security protocol. Utilizing a high speed link and Unique ID Technology, it enables the MOB+™ to provide a robust signal while keeping the low latency needed to quickly react in a man over board situation. The MOB+ reacts almost as fast as pulling a kill switch cord. The WiMEA® Protocol operates across several frequency channels and has 4D Antenna coverage to avoid interference and unintended signal blocking, which makes it virtually impossible for any other wireless system to interfere with the operation of a MOB+ system.
A runaway boat is dangerous. Wear your kill switch.
Installing MOB+™ Wireless Kill Switch is a breeze. The xHUB™ mounts in the dash and connects to power (12V–24V) and to your engine stopping system - the existing wires to your kill switch or other type of stop circuit. After a quick pairing with the xFOB™ you are good to go. Just click once to connect and drive.

**EVERYTHING YOU NEED**

The MOB+ Basepack contains everything you need for installation. The included cable connects the xHUB to your boat with a waterproof IP68 connector for a safe and reliable connection. Plug and play connection to your stop circuit using bullet splices on most engine brands.

Visit [www.fellmarine.com/support](http://www.fellmarine.com/support) and see specific engine brand connection.
MAXIMUM WEARABILITY

Created for maximum wearability, MOB+™ xFOB™ can be worn on your wrist, in your pocket, clipped to your belt or around your neck in a lanyard – all designed with the mariner in mind. Never miss a tight line!
MOB+™ BASEPACK

MOB+™ Basepack is our base option to get started. In the Basepack you get all you need to start using MOB+ Wireless Kill Switch. The Basepack consists of the xHUB™, xFOB™, Cables, Antenna, Cable Splices, User Manual and a CR2032 Battery for the xFOB.

MOB+™ xFOB™

Everyone using the boat can have their personal wireless kill switch. The xHUB remembers up to 20 xFOBs, just pair more units and anyone using the boat can enjoy the freedom onboard. Only one connection is allowed at one time, preferably the driver. Combine the xFOB with either the xTAG™ or a xBAND™ in your choice of colors.

MOB+™ xTAG™

With the xTAG you can choose to wear the xFOB around your neck, clip it on your life jacket or belt. The clip-on is standard measure to fit on all garments and life jackets equipped with lash tab. Tip: The xTAG can also be placed on pets or small children. If the xHUB is not connected to an engine it will act as an alarm in a MOB-event.

MOB+™ xBAND™

Choose your personal color for your xBAND. The xBAND is in some cases available in color and brand from your boat and engine manufacturer. See more at www.fellmarine.com/products

CERTIFICATIONS

We have tested and certified MOB+ to meet all the current standards – for your safety. ABYC A33 & E-11 Compliant (US Emergency engine/propulsion kill devices standard)

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<tbody>
<tr>
<td>Wireless</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EMC</td>
<td>US: CISPR16</td>
<td>EU: EN 301 489</td>
</tr>
<tr>
<td>IP Grade</td>
<td>xFOB™: IP68, xHUB™: IP67 EN60945</td>
<td></td>
</tr>
<tr>
<td>Materials</td>
<td>RoHS (2002/95/EC)</td>
<td></td>
</tr>
<tr>
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</table>
PAIRING

Click the button on your xFOB to disconnect. Immediately after releasing the button on the xHUB, press and hold the button on your xFOB™.

CONNECT

Click the button on your xFOB to connect. The xHUB will give a sound signal and a green light to indicate a successful connection.

DISCONNECT

Click the button on your xFOB to disconnect. The xHUB will give a sound signal and a red light to indicate Disconnect.

The xHUB will give a sound signal and a green light to indicate a successful pairing.

OVERRIDE MODE

In the event that you forget your xFOB™ or if it’s out of battery - don’t worry. You can easily override MOB+™ by holding the button on the xHUB™ for 13 seconds. The xHUB will give a sound and light signal to indicate Override Mode is activated so you can start boating.

FAQS

- I already have an existing kill switch. Can I install MOB+™?
  - Yes. MOB+ is installed using wires from your existing kill switch. Please see installation guide for instructions.
- I have a boat made from metal. Can I install MOB+?
  - Actual signal reduction, if any, will vary from boat to boat. Should the signal be noticeably worse, we recommend using an external antenna to put on the top side of the helm, supplied from FELL Marine.
- Can passengers start the boat if I were to fall over board?
  - Yes, this is one of the main features of MOB+. 6 seconds after a MOB Event the system lets passenger restart the engine to pick up the missing person in the water.

SEE OUR ONLINE USER MANUAL AT www.fellmarine.com

We have made it super easy for you to find what you are looking for by creating an online interactive user manual. Just tune in on www.fellmarine.com for the latest news and information available about our products.

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BECOME PARTNER:

We continuously expand our network of partners to be able to serve our customers in the best way possible. Our retailers are skilled and genuinely passionate boat dealers, retailers or distributors. As a FELL Marine Partner you engage in selling a unique product, first of its kind to deliver absolutely what it promises on the subjects of user friendliness, wireless performance and safety.

Contact us:

Phone US: +1 855-683-FELL
Phone EU: +47 32 82 82 80
Email: partner@fellmarine.com

Find out more at
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- UPC / GTIN coding
SUPPORT

We are here to help. Please feel free to contact us with any inquiry.

Phone EU: +47 32 82 82 80
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