

## Further information

### Battery and battery life

The Mx Start has a **3.7V 2AH LiPo rechargeable battery**.

- **Low battery indicator:** When the battery becomes low, the Power LED flashes red.
- **Recharging the battery:**
  - Insert the magnetic USB cable into the USB port located on the side of the transmitter.
  - It is recommended to make complete charges (charging time: 2h).
  - When the battery is fully charged, the device has a battery life of 500h.
  - The Mx Start has an automatic shutdown function (after 2h), to save the battery.

### Technical sheet

- Weight: 300 g
- Dimensions: 150 x 80 x 50 mm
- Compatibility: FxChip / FxChip BLE
- Transmitter with 1 code: START
- Detection field: 1.5 meters on each side (left/right)
- Minimum time between 2 transmitters: 0.7 s
- Accuracy: 1/100 of a second
- Battery: 3.7V 2AH LiPo rechargeable battery
- Battery life: 500 hours
- Water resistance: IP67
- Operating temperatures: -20°C to +50°C

## Technical support

Find our FAQ (Frequently Asked Questions), as well as other manuals and user guides, on our website at: [www.freelap.com/support](http://www.freelap.com/support)

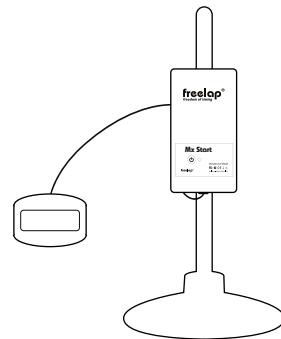
If you cannot find the answers to your questions, please contact your Freelap dealer. Find the list of Freelap dealers at: [www.freelap.com/freelap-contact](http://www.freelap.com/freelap-contact)

## After-sales service & warranty

**The Mx Start is guaranteed 2 years.** If you have any questions or if you need assistance with your device, please contact your Freelap dealer.

**freelap**<sup>®</sup>  
freedom of timing

# Mx Start



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## About the Mx Start

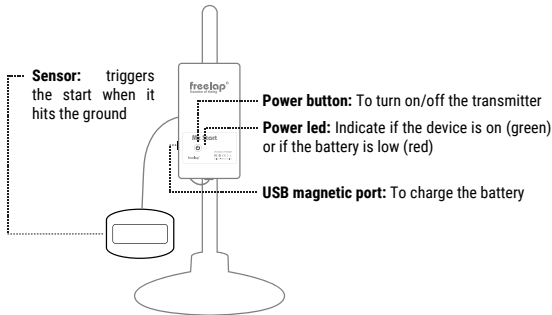
The Mx Start is the Freelap transmitter specially designed for starting gate starts in Motocross. When the starting gate falls, the Mx Start instantly triggers the transponder's timer with an accuracy of 0,01s.

## Use of the Mx Start

### 1. Prerequisites

The Mx Start transmitter is a part of the Freelap timing system. To get your timing data, you must **attach the transponder to the elastic band of the rider's mask** and **use the MyFreelap app** (cf corresponding user manuals).

### 2. Get to know the Mx Start



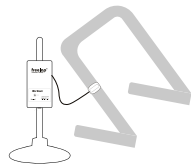
### 3. Turn on the Mx Start

- **To turn on the transmitter, press on the Power button for 2 seconds.** The green LED confirms that the transmitter is activated.

### 4. Place the Mx Start

- Place the Mx Start on the ground and **adjust the height of the Mx Start case to approximately the same level as the motorbike's foot rest.**
- The Mx Start has a detection field of 1.5 meters on each side (left/right) and **must be placed at 1.5 meters max. next to the rider.**

### 5. Attach the sensor to the starting gate



- The sensor (connected to the case by a wire) must be **attached to the side of the starting gate** using its Velcro strap.



- The Mx Start can cover 2 riders: place the Mx Start between the 2 starting gates.



- The sensor (yellow) must be in direct contact with the starting gate: **do not pass the Velcro strap between the sensor and the starting gate.**



Placing the transmitter at any other location or position may result in inaccuracies or non-detection.

### 6. Associate it with other Freelap transmitters

To make Freelap system work, **you must have a transmitter set with the code FINISH on your track.** The Mx Start is a START transmitter so:

- You must **add a FINISH transmitter** (e.g. 1 PowerUnit & SpaceUnit transmitter set on the code FINISH)
- You can add more Freelap transmitters (e.g. 1 PowerUnit & SpaceUnit transmitter set on the code LAP to get intermediate lap times)



- **The transmitters must be minimum 0.7 second apart.**
- **Your track must contain a maximum of 11 transmitters.**

Example of configuration:

