

Thank you for purchasing iTracker.

Please see the below text to help you get started.

iTracker comes with a charged battery and with an MMSI number preprogrammed into it so it can be used immediately. iTracker was designed to be used outside of territorial waters. Should you use iTracker within regulated waterways then the MMSI should be changed to match your license.

Powering on iTracker:

Under the clear screw on bottom, there is a switch (#5 in diagram) that can be rotated to power on iTracker. A green LED will start to flash.

You should place iTracker where there is a clear view of the sky. Once iTracker acquires a GPS lock, it will start to transmit AIS Class B data.

Programming iTracker:

Should you want to change any of the data that iTracker transmits, then you will need to change it's programming. This is easily done with the free software and the provided USB programming cable.

See #3 and #4 plugs in the figure that show how/where to plug the USB cable into. Note:

iTracker will NOT charge via USB. You must use the charging port (#4) and the supplied 120V power adapter for charging. Plug #4 has a dual purpose. One for programming and another for charging.

Windows programming software is available here:

<https://itracker.store/programming-tools>

Charging iTracker:

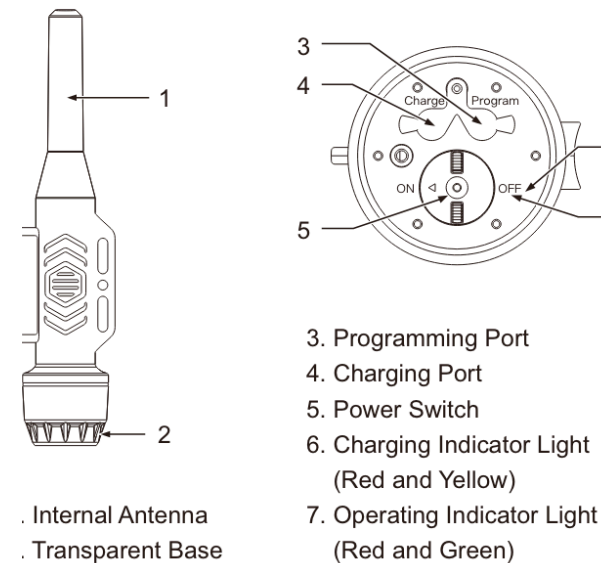
When iTracker needs charging, please turn it off, and then plug in the AC adapter to #4.

The red LED will turn solid while charging, and the orange LED will turn solid once charged (red will turn off).

Specifications

Output Power	5W
Operating Time	>2 weeks at 5 minute transmit interval.
Lithium Ion battery	7.4V, 3000mAH
Weight	336g
Frequency range	161.975MHz, 162.025Mhz
Frequency stability	+/-0.5ppm
Operating Temp	-20C to +60C
Baud Rate	9600bps GMSK

Indicator LED	Status	Description
Green	Quick Flash	Good battery charge.
	Slow Flash	Battery needs charging.
Red	Quick Flash	GPS acquired, AIS information transmitted.
	Solid	Battery charging.
Orange	Solid	Battery fully charged.



A typical installation example.

Note that iTracker is facing upwards and has a clear view of the sky to facilitate the best GPS lock and to also transmit the best AIS signal to receiving stations.

