

# TRIUMPH-1M PLUS

## Quick Start Guide

Version 2

July 2023



## 1. Battery Charging

Plug the power adapter into a wall outlet (110 – 240V) and plug cable 14-578125-01 into the TRIUMPH-1M PLUS port indicated by the plug icon. The Battery LED (far left) will show the battery charge status:

- Green – Fully charged.
- Yellow – Charging in progress.
- Red – Failed Charging.
- No Light – Charger connector is not recognized.

## 2. Power On / Off

### a. Power On:

- Press and hold the PWR button for about 2 sec. (the LED will blink blue, indicating the power button is active).
- Release the PWR button. The PWR LED will flash yellow (device turning on). The SAT and POS LEDs will flash red/yellow/green several times (system is loading).
- Wait until the PWR, SAT and POS LEDs stop blinking. The rest of LEDs will work according to their status.

Note: If the PWR LED flashes several times red and turns off, this means the battery is discharged.

**b. Power Off:**

- Press and hold the PWR button for 2 sec. (the LED will flash yellow).
- The device will turn off.
- For a long internal battery pack life, use the JAVAD supplied power cables and adapter.

### 3. Device Connection

**a. JMT via Bluetooth:**

Connect the TRIUMPH-1M PLUS to JMT using Bluetooth. Open JMT and click on the connection icon in the upper right corner to open the 'Connections screen. Select the TRIUMPH\_1M\_PLUS\_[S/N] with the Bluetooth radio check box enabled (Figure 1).

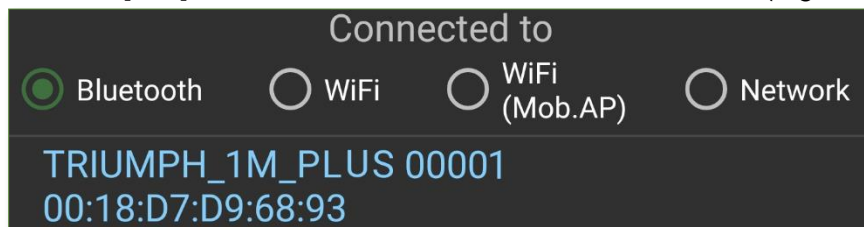


Figure 1: JMT Bluetooth Connection

**b. NetView&Modem via USB:**

Connect the TRIUMPH-1M PLUS to NetView&Modem using the USB cable (Micro B type, labeled 14-578156-01). Open NetView&Modem and select the USB device port (Figure 2).

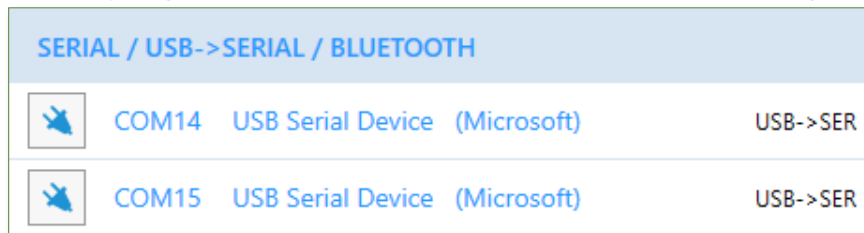


Figure 2: NetView&Modem USB Connection

### 4. Data Logging

Start and Stop data logging directly on the TRIUMPH-1M PLUS with the FN button (Figure 3).



Figure 3: Data Logging Via FN Button

Press and hold the FN button between 1 – 5 seconds to start / stop logging. Start and stop data logging in JMT (Under Survey Settings), or in NetView&Modem (under the Files menu).

### 5. Antenna Name

The TRIUMPH-1M PLUS' Antenna Name is "JAVTRIUMPH\_1MPR". The antenna name is used to call calibrated antenna phase center offsets.