

**Enrolling Your Gate Device**

Please contact your dealer for enrollment instructions.

Congratulations your device is now installed. If you have any questions please feel free to contact your sales representative

Sincerely,  
TeMeDa Customer Support

**TEMEDA MC-1 MOTE / MC-1R Bridge QUICK START GUIDE**

The purpose of this Quick Start Guide is to provide guidelines for installation of the TEMEDA Mote and TEMEDA Bridge.

*Disclaimer: All TEMEDA hardware associated with a TEMEDA subscription is under warranty for the duration of the subscription. TEMEDA will not warranty any hardware that is not installed according to this document.*

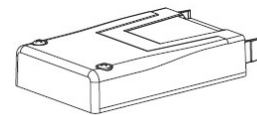
**Overview**

- Installation Material Check
- Investigate the Installation Environment
- Preparing the Mounting Surface
- Powering the MC-1
- Adhering the MC-1
- Bracket Mount: Installation of the MC-1
- Enroll your Asset

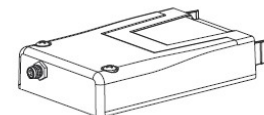
**Installation Material Checklist**

Please make sure all of these items are included with the MC-1/MC-1R. If anything is missing please contact TeMeDa Customer Service at [customer.service@temeda.com](mailto:customer.service@temeda.com) or by phone at 1-855-289-7821

**MC-1 Non-Rechargeable Battery (MC-1 Only)**

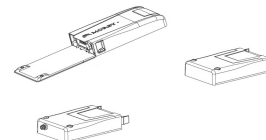


**MC-1R Rechargeable Battery (MC-1r Only)**



**MC-1r Harness (Not Pictured)**

**MC-1 Mote Head Unit**



**Screws**

**Alcohol Wipes**

**Mounting Bracket**





## Installation Environment Guidelines

### Note MC-1 and Bridge MC-1R Environmental Requirements

1. Installation must occur in an area with a Clear View to the Sky.
2. The TeMeDa Mote must be installed on a vertical surface with no metal above or around the head unit.
3. For best performance the TeMeDa Mote should be mounted vertically with the battery down. Mounting the TeMeDa Mote horizontally on a vertical is an acceptable alternative.  
*Note: The location of the mounting must allow water to run off the Mote. Water should not be able to pool around the Mote.*
4. Bridge MC-1R Only: Ensure the three wires of the Bridge MC-1R can reach 12v Power, 12v Ground, and the input line.

## Preparing the Mounting Surface

The Mote MC-1 and Bridge MC-1R use Very High Bond (VHB) tape to adhere the device to the mounting surface. Optimally the 4 adhesive pads on the MC-1 will have a retaining force of 1260 lbs. Use the following guidelines to ensure maximum performance of the VHB Tape.

1. The installation surface must be flat.
2. The temperature of the mounting surface must, at a minimum, be 50 degrees F° during the installation AND 72 hours after installation.
3. The installation surface must be clear of dust, rust, grease, paint, grime, adhesives, oxidation or any other substance. Mote MC-1 / Bridge MC-1R to a pristine surface. Many surfaces will require cleaning materials not included with the MC-1.

The included mounting bracket was designed to be the perfect mounting surface. If the asset itself does not adhere to the above requirements USE THE INCLUDED BRACKET as your installation surface.

## Powering the TeMeDa Mote MC-1 and Bridge MC-1R

### MC-1R Only

1. Expose the wires in the harness and connect the as follows.
  - a. Brown to 12v or 24v Vbat (+). Constant power is preferred.
  - b. Grey to Chassis Ground (-)
  - c. White to switched power (ex. Ignition Line)
  - d. Do not use the Black or Blue wires.
2. Attach the MC-1r Harness to the MC-1r battery pack.

### MC-1 and MC-1r

3. Firmly insert the battery into the MC-1/MC-1R head unit, an audible CLICK will be heard (this ensures a snap-in secure connection). The Red LED will now illuminate.  
*Note: MC-1R: The MC-1R ships with minimal battery charge. If the Red LED does not illuminate charge it by attaching the MC-1R to 12v or 24v power. Charging from 0% to 100% takes (2) hours.*



## Powering the TeMeDa Mote MC-1 and Bridge MC-1R (Continued)

4. Once the MC-1/MC-1R is powered it will conduct a 3-phase Power on Self-Test which, depending on signal strength, can take up to 12 minutes. The LED sequence for the 3 phases is as follows
  - a. On power up, the Red LED will turn solid to indicate the unit has power.
  - b. Once powered on the Yellow LED will begin to blink slowly (1 Hz). This indicates the MC-1 is searching for GPS. If the Yellow LED turns solid, GPS fix has been acquired. If the Yellow LED blinks fast (5 Hz), the MC-1 failed to get a GPS fix.
  - c. On Completion of the GPS test, the Green LED will begin to blink slowly (1 Hz). This indicates the MC-1 is searching for Cellular Connectivity. If the Green LED turns solid, a cellular connection is established. If the Green LED blinks fast (5 Hz), the MC-1 failed to get a cellular fix.  
*Note: Many find it difficult to differentiate between Red and Amber colorations.*
5. Use a #2 Phillips screw driver to drive the screws from the battery into the holes located on the sled of the head unit.  
*Note: The sled will not sit flush against the battery because the excess space is used as for water runoff.*

## Installation of the MC-1

1. Remove wax cover on each of the 4 adhesive pads on the MC-1, this will expose the adhesive.
2. Use Alcohol wipes to clean surface of the mounting surface.
3. Place MC-1 on to mounting surface.  
*Note: If using the TeMeDa Bracket the front of the head unit should sit flush against the tabs the bracket.*  
*Note: Ensure the bottom of the bracket (edge with two screw holes) is aligned with the battery end of the MC-1.*
1. Apply force to each of the 4 adhesive pads. For maximum adhesion, the adhesive requires 10 seconds of heavy pressure (100 lbs.+ ) per pad. Typically it is easiest to apply force to each pad one by one.
2. Bracket Mount Only: Line up the (2) holes on the bottom of the bracket with the (2) holes on the included cover.

3. Bracket Mount Only: Use self-tapping screws attach the bracket to the asset (Self tapping screws designed for single use are included)

*Note: (3) holes on the bracket should be guided with pre-drilled holes and the included battery cover should be attached using the (2) screws on the bottom of the asset.*

*Note: While tightening screws/bolts you may add RTV Sealant/Silicon to ensure a water tight mount to the asset.*