



# USB-DM3

## QUICK START INSTALLATION GUIDE FOR SMART CHARGING PORT

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## Introduction:

Your vehicle may already have a USB charging port, but unfortunately many are anemic when it comes to amperage (e.g. 500mA). This compact "Smart charger" is optimally tuned depending on the connected device. You always have the most optimal charging current for a fast and safe charging process because the output adapts exactly to the demand of the battery of your smartphone making the charging process particularly efficient. Supports BC1.2, QC2.0, QC3.0, PE1.1, PE2.0, FCP, SFCP fast charge protocols (Apple, Samsung, Huawei\* etc.) Custom install in a convenient location and discover how this charger would be a massive improvement over the cars built-in charging ports or anemic aftermarket charging port you may have already installed.

## Installation:

Requires only a 2-wire connection. Remove radio or access panel to car wiring.

### To operate only when car is running:

Tap RED wire to 12V ACC supply wire.

### To operate at all times:

Tap RED wire to 12V Battery supply wire.

Connect BLACK wire to Ground or to radio chassis.

- I. USB terminal mounting options:
  - A. **Flush - requires drilling a 13/16" hole**
  - B. With **Support bracket** (mount USB terminal wherever your installation demands without drilling)
  - C. **No Mount**-free standing

**Noteworthy:** It may be possible to remove cigar lighter and install USB head in its place (requires a 20.6mm (13/16) hole). Please measure prior.

## A. Flush with Dash or Panel (requires drilling)

1. Drill a 13/16" hole to dash or panel using a step drill bit or equivalent (See Fig. 1)



Fig. 1  
Step drill bit

2. Insert 3 ft. USB terminal (See Fig. 2) through 3/4" hole created in step 1 and mate with charging module (See Fig. 3)



Fig. 2



Fig. 3  
Module (right)

3. Snap USB head (See Fig. 4) to mounting surface (See Fig. 5)



Fig. 4



Fig. 5

Flush mounted to dash

## B. With Support Bracket (No drilling)

1. Locate a flat surface at location of choice that within 4 ft. of radio to mount USB support bracket using adhesive/tape or screws. (See Fig. 6)



Fig. 6

mounting bracket



2. Follow steps 2-3 from "Flush mount to dash"
3. Tuck and secure any extra wire from moving parts and test operation

## C. Free Standing (Un-Mounted)

Connect your own USB Charging cable directly to Module (See Fig. 3) and route other end from behind the dash to location of choice.

### Operation:

1. Turn Ignition "ON" (if RED wire was connected to ACC supply), otherwise proceed to next step.
2. Connect device charging cable to USB Terminal
3. Device should begin charging
  1. If device does not charge, recheck wiring.  
If successful go ahead and Reinstall radio and or access panels

[support@discountcarstereo.com](mailto:support@discountcarstereo.com)

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