



****Best Practices For DTP-8750 Installation****

Mounting of the Unit

- Unit should be mounted in such a way that the driver has a clear view of the screen and the buttons are easily accessible from the drivers seated position.
- Mounting the unit on top of the dash is an accepted practice because of its small form factor. This should only be done if it is determined that it doesn't interfere with the driver's vision and airbag.
- Other mounting locations can be realized under the dash or in an overhead pocket if the vehicle is equipped with one.
- If the client is not utilizing an external speaker it is important to keep the speaker of the unit clear of any obstructions. For reference, the speaker is internally located on the top of the unit.
- The unit mounting can occur upside down (buttons facing down) if the client desires. Utilizing the unit menu, the display can be flipped to accommodate the new orientation.
- As always mount the unit keeping the wiring runs and microphone placement in mind. All wires should be clear of the driver's range of motion with the microphone being easily accessible.
- While the units are small and light we do not recommend using Velcro and/or any other mounting materials, other than the provided bracket, to mount the units. Doing so can cause a hazard to the driver.

Powering the Unit

- It is important to note that currently the wiring on the DTP8750 utilizes a non-traditional color scheme . While the wires are marked, in the case that they aren't, follow the below.

Red – 12v Lead (Constant Hot)

Blue- (Ground)

Black- 12v Ignition (Acc/Ignition Lead)

- As with any RF device proper grounding is expected and the installer should take efforts to make sure the ground is secured.
- Unlike traditional radios the amp draw is extremely minimal and we don't see the current rising when transmitting. It is recommended that both the **12v hot** and the **12v ignition** are fused at 5 amps.
- It is highly recommended that the client utilize the provided ignition sense. This provides for ease of operation and ensures the proper initialization and termination of the unit connection in the server. This is especially important if a client is concerned about "online" vs "offline" units.

Misc. Installation Procedures

- ***External speakers are recommended by the Diga-Talk+ team in all installs.*** However, we also understand that not every client wants the added expense. In these cases it is important to make sure the unit is located in a location that the speaker is not obstructed.
- While the units do come with a "back of set, rubber duck" style antenna, there are times when the mounting location of the unit (ie. under the dash) or the geographical location of the client will call for the mounting of external antennas. These antennas are readily available through the Diga-Talk+ team and use the same cabling/connectors/parts that we associate with traditional two-way mobile radios.
- The units have two set screws that affix it to the mounting bracket. A third screw (which is seen as partly screwed in on a new unit) is on the side and can be removed and placed back in the bracket to keep the unit stable.
- The included GPS antenna is attached at the rear of the unit on a clearly marked SMA connection. The antenna is magnetic and can be routed to the roof if needed. Placing the antenna under a thinner piece of molding/dash is also another option as long as a GPS lock can be obtained. This would vary from vehicle to vehicle and ultimately a clear view of the sky is the best option. If a client prefers a more permanent roof mounted GPS antenna the Diga-Talk+ team can provide the necessary parts.