



## **\*\*Best Practices For DTP-8900 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 possible due to the radio's compact 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.
- 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.
- 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**

- Please note the device wiring scheme below:

**Red** – 12v Lead (Constant Hot)

**White**- Acc/Ignition Lead

**Black**- Ground

- 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 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 thumbscrews that affix the unit to the mounting bracket. Once mounted, tilt to the desired angle and tighten the screws to secure the device.
- The included antenna is both cellular and GPS. The antenna has a sticky back and can be stuck in a suitable location (on top of dash, corner of the window) on the interior of the vehicle. Both the cabling on the antenna, and the ports on the back of the radio, are clearly marked for their intended purpose.