
Delphi XM Radio Installation

How the Cassette would work:

1. You need to be able to insert the cassette into your player and get the audio cable tucked away all the way up to the cradle – a bit of a challenge
2. The cigarette lighter adapter has to be used – you can't cut the wires and tap into the bike power supply – the adapter is also a voltage regulator
3. Listening with the Autocom would be unchanged – just select the "source" as the tape player and the dummy Delphi tape will play XM as if it was on the tape itself.

The FM modulator does these things a lot easier and neater:

1. Firstly it provides a bike-supplied power supply to the mounting cradle – you can wire the modulator into any clean circuit on the bike (I use the map light above the instrument panel)
2. Secondly it means you don't have to use the cassette. Instead the FM modulator receives the signal from the Delphi then broadcasts it out again on an FM frequency (you choose from a few). This frequency can then be programmed into your radio as any other FM station, and bingo, you're listening to XM. (I've programmed channel 6 to be my XM station)
3. Like the cassette this also means no change to how your Autocom is currently setup – if you can listen to the radio on the bike you can listen to XM.

Where does the Modulator go?

1. Because it is quite small, I've managed to mount them under the nose cone just on the inside of the left windscreen motor arm, but pretty much anywhere in there will do.
2. The power supply leads are obvious and can be tied into the maplight (I use that 'cos I want to make sure it is off when the ACC is off).
3. The audio and cradle power leads are also obvious – they come out through the side of the maplight hole and go under the Delphi Arm mount to the cradle (along with the antenna cables). There's even a small slit in the mount where you can use a cable tie to neaten up the wires.
4. There is also a pair of FM antenna cables coming out from the modulator. These get routed from the left side of the nose cone towards those 3 electrical plugs that the radio plugs into. The idea here is that you will undo your bike FM antenna up there near the radio, and reconnect the FM antenna cables from the modulator. Now the modulator is "in-line" with the bike antenna.
5. When the XM unit is off, the bike will receive FM signals as normal; when the XM is powered up, the modulator will override outside signals and "broadcast" on its own frequency.

Hopefully this has been of some use to you; once you have the plastic off the bike this is a quick install. Also, get the Delphi BEFORE you order anything from me – why? Well, some of the units are coming out with a very small XM antenna and a single wire (I think they are doing away with the ground station repeaters) – anyway, if yours is one of these you do not need to get an antenna mount from us. The antenna can sit quite happily up on the front of the Co-Pilot somewhere – it's that small.

BTW, we now have a Medium Arm for the Valentine V1 as well as a locking cover for the unit. If you don't plan to move the V1 or the Delphi off the bike then I would recommend our V1 cover and the Delphi SunVisor. Just more protection and resistance to theft.

