



## MP32 READY WIRED 7 PIN "12S" SOCKET

Contains: 12S Socket with Mounting Plate & Gasket, ready wired with 1.5m 7 core cable.

### Fitting Instructions 12S Socket

1. Switch off the ignition switch, if necessary isolate circuits by removing fuses or disconnecting the battery.  
**Caution!** When removing fuses engine management, alarm or audio equipment may be affected
2. Fit the pre-wired socket mounting plate between the tow-ball and vehicle towing bracket using the existing mounting bolts.
3. If access for the socket cable is not provided, drill a suitable hole near to the tow bar, removing any sharp edges with a file, repainting and fitting a suitable grommet.
4. Strip back as required the 7 core grey cable sheath taking care not to damage the wires inside.

### Connection of 12S Caravan 7 Pin Supplementary Circuits

Due to the use of a revised 12S wiring system, which is incompatible with the original UK Industry wiring system, we suggest that you connect your 12S socket as follows, to provide maximum compatibility.

### Notes for 12S Wiring

1. Ensure that no bridging connection exists between Pin 2 and Pin 3 of the 12S caravan plug.
2. Connections to Pin 2, 4 & 6 may vary on earlier installations.
3. Pin 2 and 6 for charging Caravan Battery and running refrigerator should be connected through a relay, so that current is only passed when vehicle engine is running. Dual charging relay kit (Part No.MP292) is recommended for this purpose.
4. Pin 4 which supplies interior lights or battery charging for caravans wired to the new system, is switched to battery charging by a relay in these caravans when the vehicle engine is running.
5. Always use a suitably fused battery supply for live connections. When extending the 12S cable, use wire of the same or greater thickness to prevent voltage drop.

If you have any problems with wiring or compatibility, consult an Auto Electrician or your Caravan Dealer.

12S	Grey Cable	Function
Pin 1	Yellow	Reversing Lamps
Pin 2	Blue	Battery Charging (original system)
Pin 3	White	Earth Return (for Pins 2 & 4)
Pin 4	Green	Permanent +12V power Supply
Pin 5	Brown	Spare
Pin 6	Red	Relay switched +12V power supply (Fridge)
Pin 7	Black	Earth Return (for Pin 6)