

Xtrons Multimedia Installation Guide

Introduction

Before installation please ensure you have all the required connections and accessories to comfortably install this item in your vehicle.

Please be advised whilst every effort has been made to ensure this guide contains as much information as should be required to confidently fit this product, we cannot guarantee that this guide will be applicable to all vehicles, this is due to the many variations in style and fitting methods used by different manufacturers. We ask customers to exercise great care when following guide, any work undertaken is done so at your own risk, if in any doubt please consult a professional installer.

Help and support can be offered by using the live chat function on either www.xtrons.com or www.xtrons.co.uk
For more in depth advice please visit www.fourm.xtrons.co.uk

Tools Needed: (depending upon vehicle)

 Flat Blade Screwdriver	 Phillips Screwdriver	 Panel Tool	 Wire Stripper/ Crimp Tool	 Socket & Ratchet Set
 Pliers	 Drill & Bit Set	 Utility Knife	 Torx Driver Set	



Attention: In the interest of the safety of user and equipment, please ensure you have disconnected the vehicle battery before installation.

Xtrons Multimedia Headrest

All our units are universal and designed to fit most vehicles. Please check the distance between your current headrest poles (see size guide below) and the diameter of the poles to see if you need 10mm, 12mm, 14mm, or 16mm adapters.

HD705	100mm - 185mm
HD706	110mm - 185mm
HD707	115mm - 170mm
HD905	120mm - 190mm
HD906	90mm - 185mm
HD908	90mm - 185mm
HD909	105mm - 190mm



Please be advised these products may not be compatible in vehicles with Active headrest systems (SRS).

Functions

Each Headrest has its own USB, SD, and DVD drive allowing them to be used independently from the other headrest, each unit also has an AV in/out function allowing them to be connected together (all cables provided). Integrated FM and IR transmitters allow you to playback audio through your car stereo or optional IR headphones.

Xtrons Multimedia Headrest

There are 2 styles of Xtrons multimedia headrest Universal Replacement and Universal Mounted.

Universal Replacement

Universal Replacement headrests are designed to replace the vehicles existing headrest. This style of headrest is highly adaptable and with the right fitting accessories can suit most vehicles. The Xtrons easy fit system offers a discrete and secure installation as all the cables and wiring are fed through the back of the seat and routed under the centre console to the fuse box or power source.

Fitting Accessories

In general you will have received

- 2 x Power/AV cables
- 4 x 10mm Headrest Poles
- 2 x Multi Function Remote/Game pads (Batteries not included)
- 2 x Games Discs
- 2 x User Manuals

Optional Extras Included (Please ask supplier for further details)

12mm and 14mm Metal Pole adapters (recommended)

Plastic pole adjuster kits

Cigarette Power package

FIGURE 1



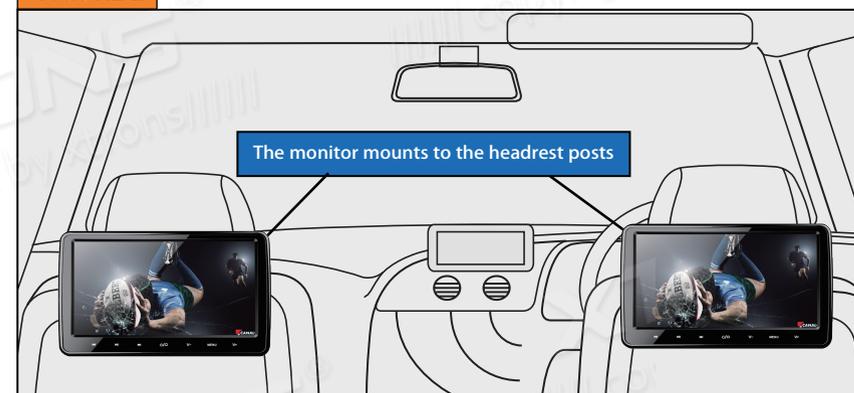
Universal Mounted

Universal mounted headrests are designed for those vehicles where the headrests cannot be removed such as vehicle with Active headrests or for the customer who prefers a simple installation that can easily be removed for use in more than one vehicle. In their basic form these units are designed to be used individually by simply fixing the mounting braces to the headrest poles and powering them from the cigarette socket, using the Power/AV cables the headrests can be connected together to display the same image on both screens.

Fitting Accessories

- Power/AV cable
- Cigarette Adapter
- Multi Function Remote/Game Pad
- Games Disk
- Fitting Kit
- Optional Home Power Adaptor

FIGURE 2



Installation and Connection

Basic Installation

Unfortunately we are unable to provide a comprehensive fitting guide due to the many variations from vehicle to vehicle. These units are designed to be a discreet upgrade with all connections running through the headrest poles and fed through the seatback. Below are the 3 most common ways this can be achieved.

- Some seats have a hard plastic backing which can be unclipped allowing easy access to the inside of the seat for running the cables and connections.
- Seats with cloth or leather backs generally have a plastic connection at the base of the seatback where the fabric can be separated allowing it to be worked up the seat for access to the cables.
- Using electricians rod the cables can be threaded up through the seat, once connected to the headrest they can be carefully pulled down as the headrest is inserted.

Power Connection

The cables provided allow the headrests to be hardwired to a 12V connection within the vehicle preferably the vehicle fuse box, however as long as the source is switched (ACC) 12V and fused other options available are to take power from the Vehicle Stereo or Cigarette socket, Please ensure this is a power outlet and not charging point (Low Amp) as used in most modern vehicles each headrest requires 2Amps minimum .

To locate a suitable connection using a multi meter find a 12V ACC source (live with the ignition on) this should be connected to the RED wire from each headrest, next locate a good Earth point and connect the BLACK wire from each headrest. Some headrests offer a cigarette connection for easy installation for others the CL005 adapter can be purchased to add this option.

AV Connection

Locate the AV input and AV output RCA connections on each headrest Power/AV cable there are 6 in total , each connection is labelled with one function male the other female so they can only be connected one way. Connect the Correct colour AV in of one headrest to the AV out of the other

Yellow - Video

Red - Right Audio

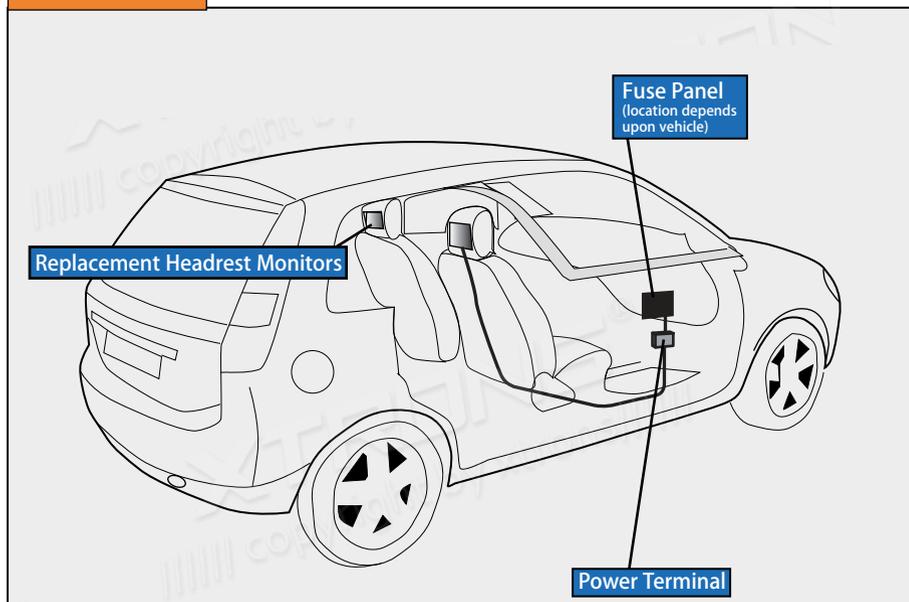
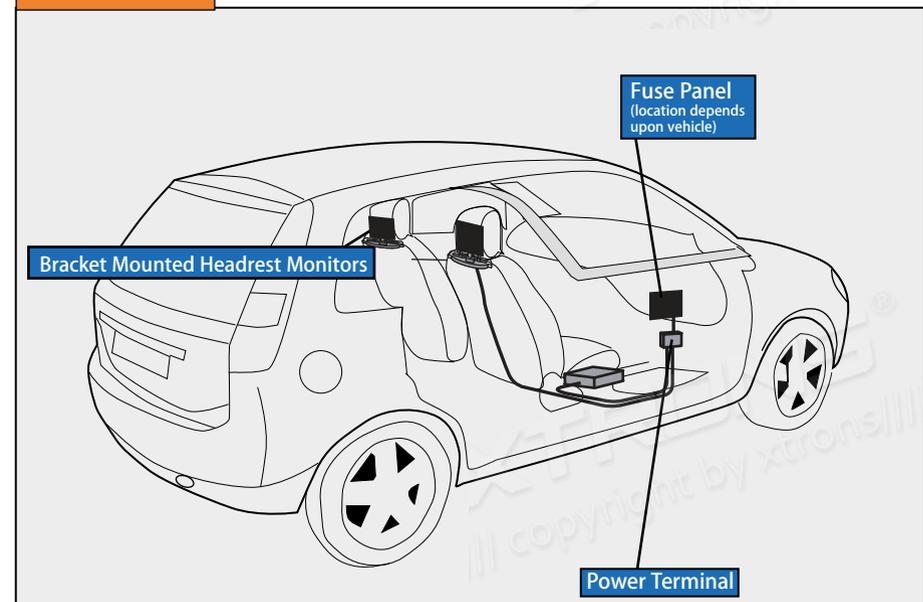
White - Left Audio

Once connected place a DVD into one headrest, then using the remote select AV on the second both screens should now play the same disc.

Installation and Connection

Keeping Things Tidy

In the interest of safety and security it is best advised to ensure all connections are secure and carefully concealed, a good practice is to secure any connections with PVC electrical tape. Please remember to secure any cables that may become trapped in moving parts, for example if the cable is fed from the seat into the centre console it will pass over the seat runner tie wraps are a quick and effective solution to ensure these cables are held in place.

FIGURE 1**FIGURE 2**

Please take your time when removing the vehicle trim or components. Some clips can be easily broken and too much force may damage the panel being removed. In general, if something is not moving, do not force it. There may be a retaining clip still connected. Plastic edges may be sharp enough to cause injury. Time and patience is the key.

Over Head Multimedia

Xtrons over head or Roof Mounted media systems can be fitted to most vehicles available in a variety of sizes 9", 10", 11" and 15".

Functions

Each system has its own USB, SD,DVD drive and AV in/out function allowing them to be connected to other devices such as DVB-T or Games consoles. Some units also include HDMI port. Integrated FM and IR transmitters allow you to playback audio through your car stereo or optional IR headphones.

Basis Installation

Unfortunately we are unable to provide a comprehensive fitting guide due to the many variations from vehicle to vehicle, as these units are designed to be a discreet upgrade, all connections run under the unit and through the vehicle headlining. How the unit is secured to the roof will depend on 2 things, how much the unit weighs and how strong the roof lining of the vehicle is, if in any doubt, please seek professional advice.

- Units under 2.5kg (if the lining is strong enough) can be secured by placing a piece of 6mm ply cut to roughly the same dimensions of the mounting plate (allowing room for cables), simply place this under the headlining and bolt through the mounting plate and lining.
- Units over 2.5kg or vehicle with thin headlining will require the bracket to be secured to one of the roof braces, there are different ways of doing this, (YouTube can be very helpful) find what works best for you or seek professional advice.

Power Connection

Most Roof Monitors require a twin live set up like your vehicle stereo 12V permanent and 12V switched (ACC) all cables are provided however these may need to be extended to reach a suitable live source. We do not recommend connecting to the vehicle courtesy light as in some vehicles this is part of the Alarm/immobiliser circuit.

To locate a suitable connection using a multi meter find a 12V Permanent source this should be connected to the YELLOW wire, a 12V ACC source (live with the ignition on) should be connected to the RED wire, next locate a good Earth point and connect the BLACK wire. Some Roof monitors may only require an ACC connection and Ground.

Over Head Multimedia

Courtesy Lights

Units equipped with a courtesy light function can be wired into the vehicle courtesy light allowing the LED lights to illuminate when the Vehicle Door is opened, there are 2 types of circuit so this function may not be compatible with all vehicles

- Double Positive - Both poles of the vehicle light are positive until the door is opened when one pole becomes negative.
- Double negative - Both poles are negative until the door is opened when one becomes positive.

All roof monitor with a courtesy function can be connected to a Double Negative circuit simply connect the DOOR wire to the pole which becomes positive when the door is opened.

Some units may support both set up please check you wiring before installation find out which lighting circuit you have and connect the appropriate DOOR wire for your circuit type.

Keeping Things Tidy

In the interest of safety and security, it is best advised to ensure all connections are secure and carefully concealed; a good practice is to secure any connections with PVC electrical tape.

FIGURE 1

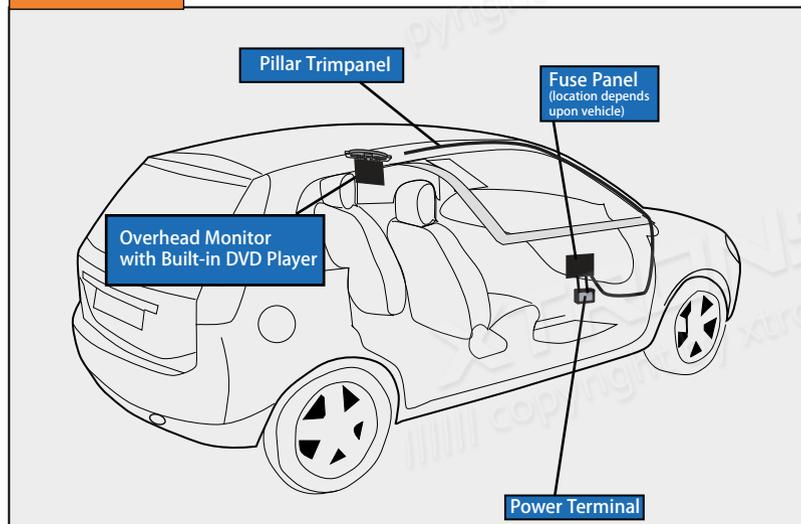
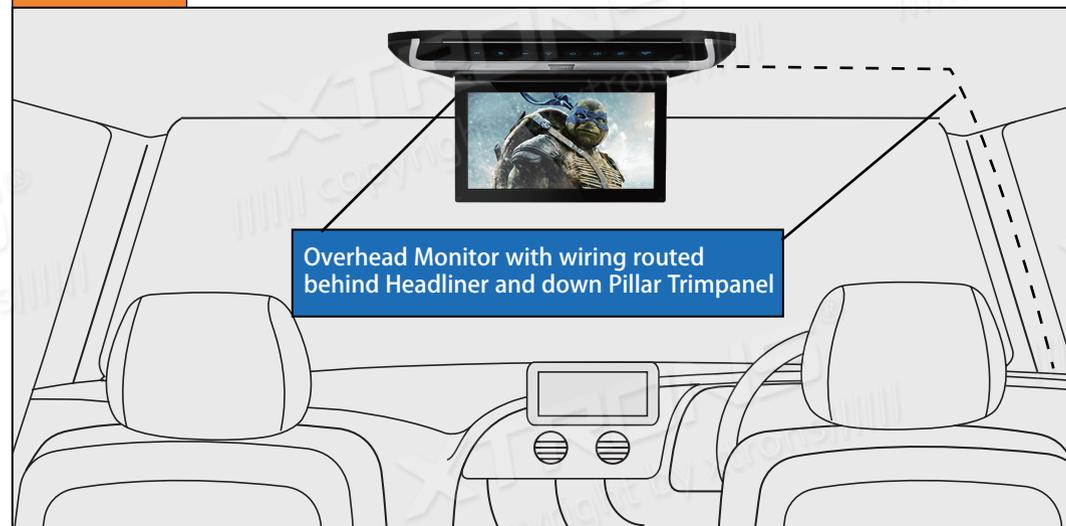


FIGURE 2



Please take your time when removing the vehicle trim or components, some clips can be easily broken and too much force may damage the panel being removed. In general, if something is not moving, do not force it, there may be a retaining clip still connected. Plastic edges may be sharp enough to cause injury. Time and patience is the key.

Installation Advice

During the installation of a Roof Mounted or Headrest system, it may be necessary to remove certain trim panels. Here we will offer some advice on how best to remove these items, please be advised we cannot guarantee the process will be exactly as described, this information should be used as a guide only.

Scuff plate removal

In most cases, these can be removed with a Panel tool by gently sliding the tool underneath and prying up to release the clips, some vehicles will require an end clip or screw to be released before sliding the panel along its axis to release.

Seat Belt removal

Although Xtrons do not recommend the removal of the safety belt in some cases it may be necessary. Gently remove the anchor cover to access the retaining bolt use the correct socket to release the bolt to remove the anchor.



Please ensure that the anchor is refitted to the manufacturers correct torque specification, we recommend the thread is secured with a Loctite solution.

B Pillar Trim

This is much the same process as the scuff plate. After removing any retaining screws and covers use a Panel Tool to gently release any retaining clips.

Dashboard

Xtrons recommends routing wires behind the glove box, in most vehicles this is easily removed after releasing around 8 screws 4 generally just inside the lip and another 4 underneath at the hinge. Removing the glove box will give you good access to the dashboard and help secure cables tidily out the way.

Centre Console

In most vehicles it is difficult to completely remove the centre console, by locating and removing any retaining screws or clips it should be possible to create enough play in the console to feed the cables into the dashboard.

Installation Advice

