

**MV1-A**

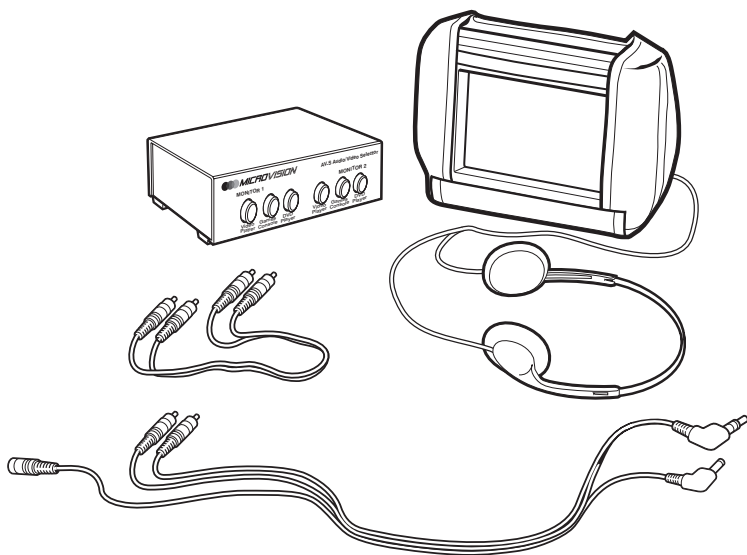


# **USER MANUAL**

**IN CAR ENTERTAINMENT BY PERFORMANCE PRODUCTS LTD**

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## **Dear Motorist,**

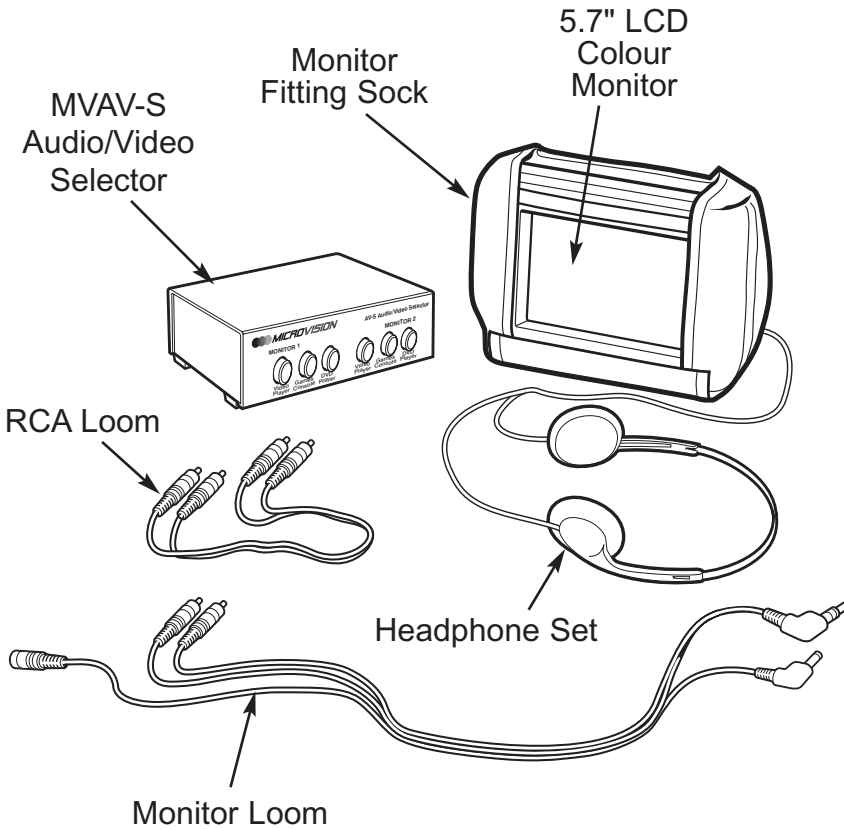
Thank you for purchasing the Microvision MV1-A In Car Cinema Upgrade System.

The MV1-A has been designed to allow you to add an additional monitor to your MV1 In Car Cinema system as well as allowing each passenger to personally select between three different sources, if different sources have been installed. The MV1-A comes complete with a 5.7" Colour LCD monitor including the unique Microvision mounting system, one set of Headphones and the MVAV-S Audio/Video selector. A monitor loom that carries both a 12V power cable and the Audio/Video signal is also included.

This owners manual has been designed to enable you to get the best out of your Microvision MV1-A Upgrade system, so please read it thoroughly before installation. If you require any further assistance, however please call our technical helpline on 01244 321700.

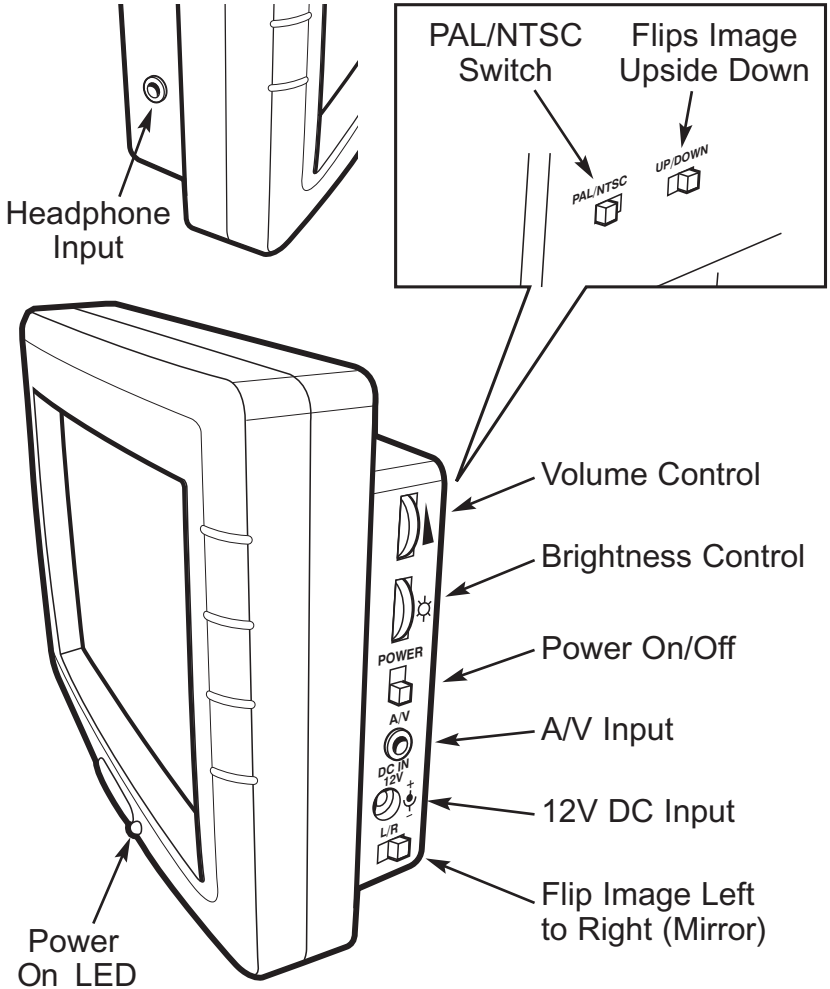
## System Contents

- 1 x 5.7" LCD Colour Monitor
- 1 x MVAV-S Audio/Video Selector
- 1 x Headphone Set
- 1 x Monitor Fitting Sock
- 1 x RCA Loom
- 1 x Monitor Loom



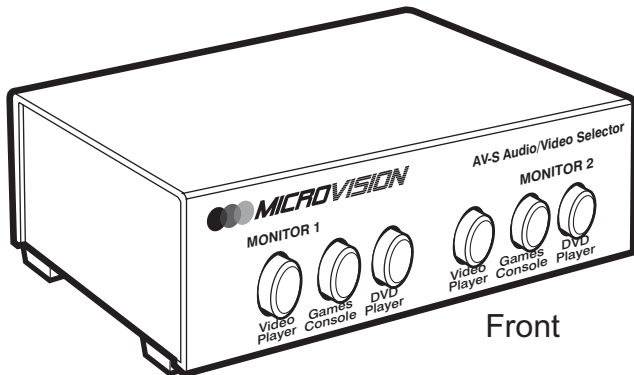
# Features

## Microvision 5.7" LCD Colour Monitor



## Microvision MVAV-S Audio/Video Selector

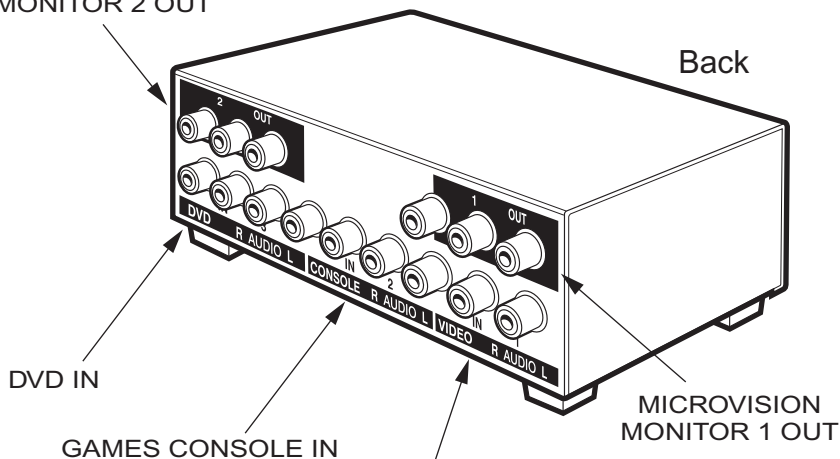
The MVAV-S Audio/Video Selector allows you to connect up to three different sources ie Video, DVD or Games Console to two monitors. The viewer of each monitor can then select their desired source independently from the other.



Front

MICROVISION  
MONITOR 2 OUT

Back



DVD IN

GAMES CONSOLE IN

MICROVISION VIDEO IN

MICROVISION  
MONITOR 1 OUT

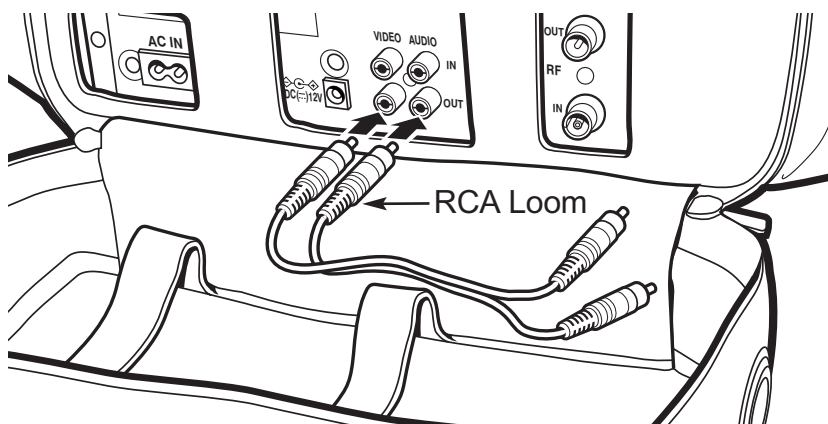
The DVD IN and GAMES CONSOLE IN allow you to add different sources to your In Car Cinema. See individual product instructions for details of correct connection procedure.

# Installation

## Installation

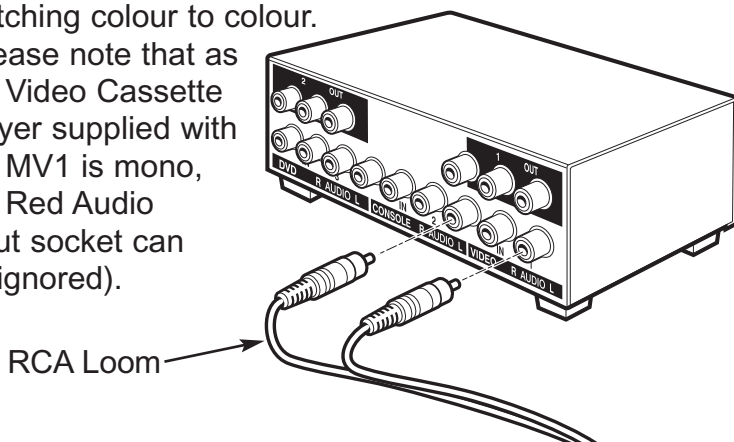
Please begin by unpacking the contents of your MV1-A and checking that all the necessary components are included as specified on the 'Contents' list on page 4.

You will then need to connect the MVAV-S Audio/Video Selector. Unzip the base of the Microvision rucksack to reveal the back of the Video Cassette Player and connect the RCA loom provided to the Audio/Video Out sockets of the Video, matching Yellow to Yellow and White to White.

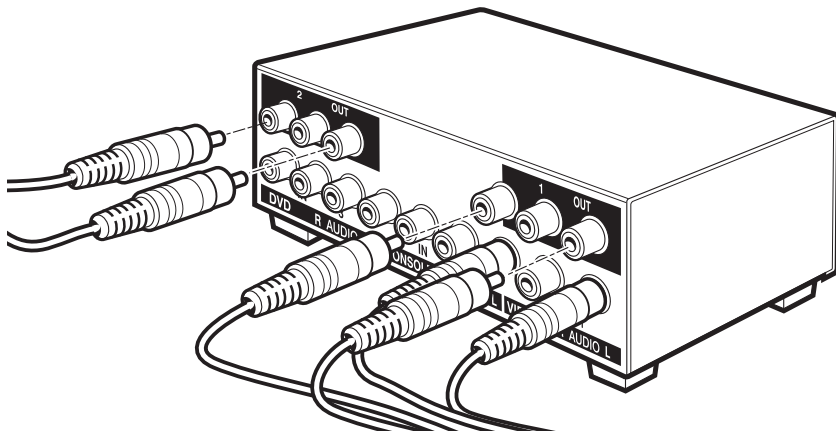


Then connect the other end of the RCA cable to the Video In sockets on the rear of the MVAV-S unit, again matching colour to colour.

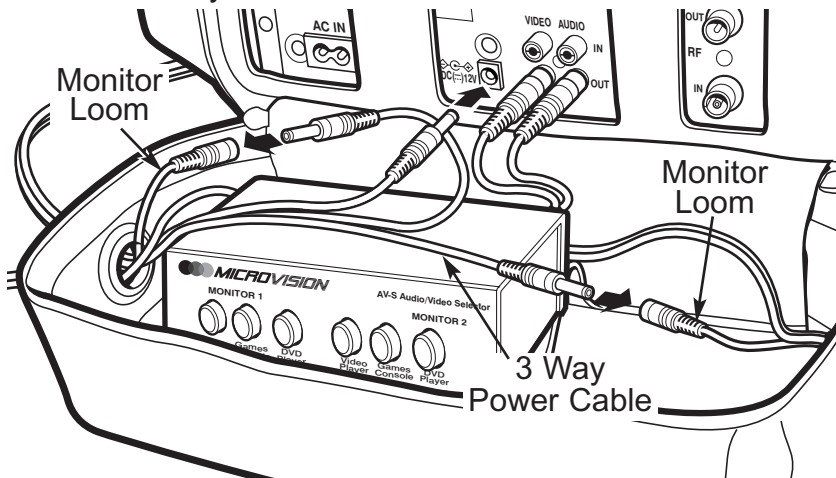
(Please note that as the Video Cassette Player supplied with the MV1 is mono, the Red Audio input socket can be ignored).



You can now connect the Audio/Video looms for each monitor to the Output sockets, numbered 1 and 2 on the rear of the Audio/Video Selector again matching White to White and Yellow to Yellow. When connected place selector unit in the base of the rucksack.



Then attach the 12V power cable from the same looms to the 12V 3 way power cable supplied with your MV1 In Car Cinema system

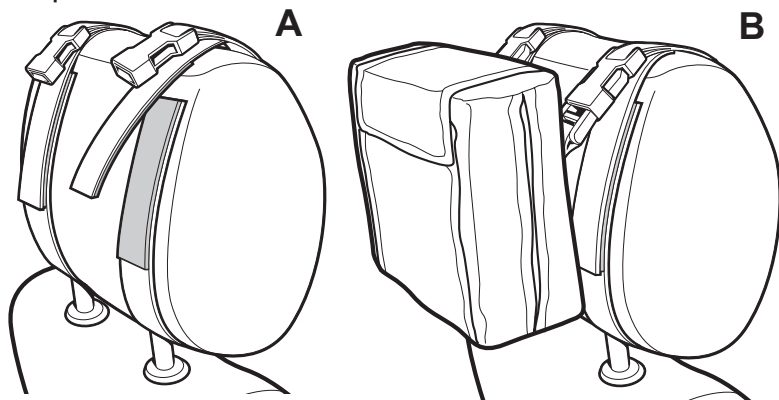


**Please note: Do not plug the 12V 3 way power cable into your vehicles cigarette lighter socket before ensuring that all connections are complete.**

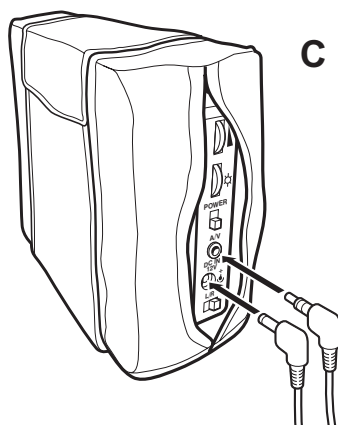


# Installation

Take the two velcro straps and attach them to the headrest ensuring that the 'female' sides of the plastic connectors are positioned to the top of the headrest in a horizontal position as indicated in Picture A. Secure the monitor to the headrest straps by connecting the male sides of the plastic connectors on the monitor 'sock', to the female sides of the plastic connectors on the headrest straps as indicated in Picture B. The headrest straps may be moved round to adjust the viewing height of the monitor if required.

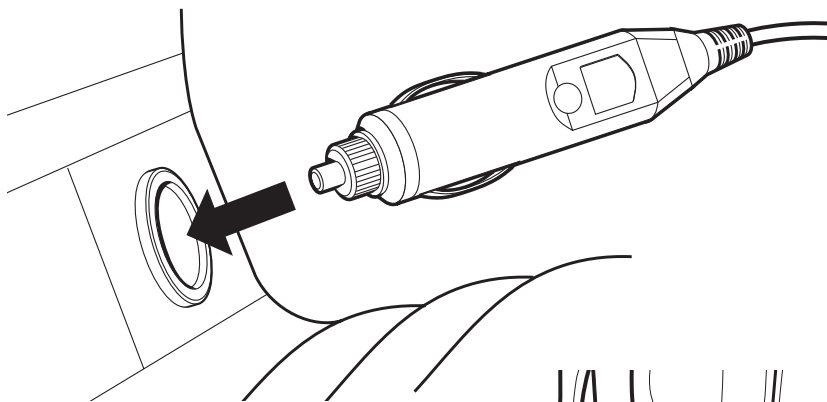


Once you have ensured that each monitor is firmly attached, connect the Audio/Video & 12V Power looms already connected to the 1 and 2 Out sockets of the MVAV-S switching unit, to each monitor. Plug the Audio/Video adaptor in to the Audio/Video In socket and plug the 12V Power adaptor into the 12V DC input socket as indicated in picture C.

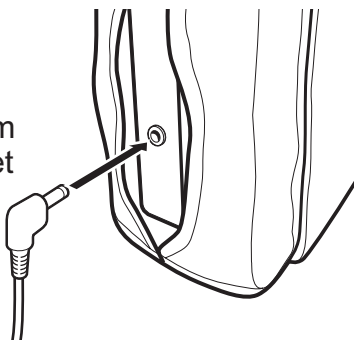


**Please note that it is essential for the safety of both the passengers and the driver that the MV1 rucksack and either monitor are securely positioned and are not mounted in such a way that they could cause injury, should the vehicle be involved in an accident or be forced to stop or change direction in an emergency.**

Next run the 12V Power Cable to the nearest cigarette lighter socket and plug it in securely. Please note that the nearest socket may be in the front of the vehicle, so care must be taken to ensure that the cable does not interfere with any of the vehicles controls and does not jeopardise either the passengers or drivers safety.



Finally if you wish to use the headphones provided, plug them in to the headphone input socket of the monitor.



Your Microvision MV 1 In Car Cinema System is now ready for use! Adjust the Brightness control to obtain the best picture quality.

**Please Note: Do not start the vehicle whilst your In Car Cinema system is plugged into the vehicles cigarette lighter socket. The cigarette lighter socket is prone to power surges as the vehicle is started that may cause permanent damage to the unit.**

## **Important Please Read!**

**It is imperative that when installing your Microvision In Car Cinema System, you follow all the safety guidelines specified in both the Video Cassette Player Operation Manual as well as those specified in the Installation guide of this manual. Ensure that both the Video cassette Player and the LCD Monitor are fastened securely in place and are not in a position where they might endanger either the passengers or driver of the vehicle. Please note that the Monitor should be positioned so that it can only be viewed by a passenger or passengers of the vehicle and in no circumstances whatsoever should it be viewed by the driver whilst the vehicle is in motion.**

**To prevent possible battery drain do not leave your Microvision In Car Cinema System plugged in to the cigarette lighter socket while the unit is not in use and when the vehicles engine is not running. Only use the Power and Audio/Video looms provided with this system, use of unauthorised Power and Audio/Video looms could invalidate the warranty.**

**Remember: Do not leave a video tape in the Video Cassette Player as doing so could damage the tape and impair quality.**

## Trouble Shooting

No power to video or monitor(s)	Check fuse in cigarette lighter adaptor Check cigarette lighter socket is operating correctly
No power to monitor(s) only	Check monitor(s) are switched on
No picture & white noise only from LCD monitor(s)	Ensure that the Audio/Video loom from each monitor is correctly connected to the Audio/Video Out sockets of the MVAV-S Audio/Video selector (See page 8)
No picture or sound from monitor(s)	Ensure that the Audio/Video loom from the monitor is correctly connected to the Audio/Video Out sockets of the MVAV-S Audio/Video selector (See page 8)  Check that the Audio/Video loom coming from the MVAV-S Audio/Video selector is plugged into the Audio/Video In on the LCD Monitor(s) (See page 9)

**N.B. If you experiencing any difficulties with the Video Cassette Player please consult the Operating Instructions supplied.**

## Specifications

### 5.7" TFT Colour LCD Monitor

PAL/NTSC.....	Selectable
VIDEO INPUT.....	1Vp-p 75 Ohm
AUDIO INPUT.....	Line
POWER SOURCE.....	DC 12V
SCREEN FUNCTION .....	Image Up/Down reverse Image Left/Right reverse Volume Control Brightness Control Single Headphone Input

### Microvision Video Cassette Player

Please refer to operating instructions supplied separately with the MVPR-1 Video Cassette Player for complete specifications.

### Microvision Accessories & Price List

<b>MV1-A</b> - Second Monitor Upgrade System.....	<b>£269.95</b>
<b>MVAV-S</b> - 3 Way Audio/Video Selector.....	<b>£49.95</b>
<b>MVPS-150</b> - Games Console Power Adaptor.....	<b>£49.95</b>
<b>MVH-1</b> - Additional Headphone set.....	<b>£7.95</b>
<b>MVH-2</b> - 2-1 Headphone Adaptor.....	<b>£2.95</b>
<b>MVPR-1</b> - 12V Video Cassette Player.....	<b>£149.95</b>
<b>MVL-1</b> - Spare Audio/Video Loom.....	<b>£14.95</b>
<b>MVL-2</b> - Spare 12V 3 way power cable.....	<b>£14.95</b>

Accessories are available from your local Microvision dealer. Prices shown are the suggested selling price only and include Vat.

Telephone 01244 321 300 for further details.

## Service Under Warranty

1 To obtain service during the two year warranty period, return your Microvision MV1-A, postage paid by recorded delivery and in suitable packaging to:

**Performance Products Limited**

**Cleaver House**

**8 Boughton**

**Chester, CH3 5AG. UK**

**Tel: +44 (0) 1244 321300 Fax: +44 (0) 1244 343370**

2 Enclose the following information:

- (a) Your name, return address and description of the problem.
- (b) A telephone number where you can be reached during business hours.
- (c) Proof of purchase.