

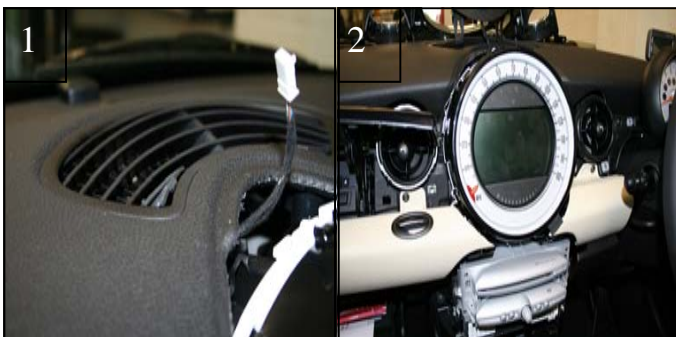
## LOCATION & REMOVAL

### Important note:

**Switch off car and remove key, wait 10 minutes before removing any factory connectors.**

Installation is made at the front monitor, you will need to remove the monitor by ;

- 1, Removing the 2 tabs inside top heater vent and 2 screws holding screen surround and round vents.
- 2, Remove coloured panel behind steering wheel / rev counter and behind CD Changer door and remove 2 screws each side, the surround will now be loose



- 3, Remove screws holding trim housing glove box button and opposite trim to access screen screws

- 4, Remove 1 screw at centre top of screen and 1 each side to remove screen unit.



## INSTALLATION

### Power and CAN connections

Power and CAN connections are made at the 12 way BLACK plug from the screen unit.



You will need to connect the supplied 10 way WHITE plug loom on to;

<u>CAR</u>	connect to	<u>NAV-INBMW3</u>
<u>PIN 5 (ORANGE/GREEN)</u>	to	<u>PIN 5 (BLACK)</u>
<u>PIN 6 (GREEN)</u>	to	<u>PIN 10 (YELLOW)</u>
<u>PIN 1 (RED 12v+ perm)</u>	to	<u>PIN 1 (RED)</u>
<u>PIN 3 (BROWN 12v- GROUND)</u>	to	<u>PIN 2 (BROWN)</u>

Plug the WHITE plug in to the socket in the interface marked **SUPPLY**, **FINALLY AFTER ALL OTHER CONNECTIONS. AND REMOVE POWER FIRST BEFORE REMOVING ANY OTHER CONNECTIONS. FAILURE TO DO SO CAN CAUSE FAULTS.**



### Video connections

Connect the shorter of the supplied GREY cables to the silver male 10 way plug of the car harness (removed from the screen) (you may need to remove the small key on the plug to insert).



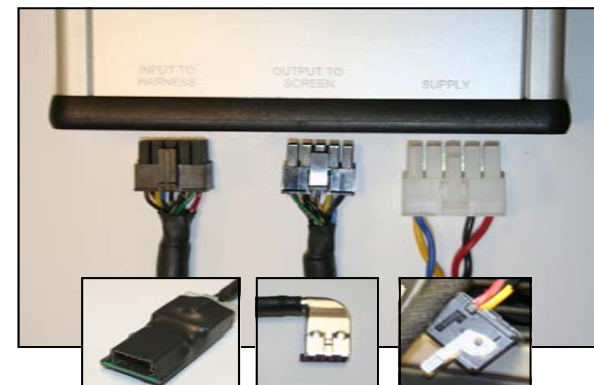
## INSTALLATION

Next connect the shorter of the supplied grey cables to the black socket marked INPUT TO HARNESS on the interface (see below)

Next plug in the longer of the supplied grey cables to the metal screen socket,



and to the black socket marked OUTPUT TO SCREEN on the interface (see below)



Connect your added video sources / camera to the composite or RGB inputs shown below



# OPERATING INSTRUCTIONS

**The interface allows both composite video signals and RGB signals to be displayed onto the existing OEM factory screen.**

## Installation Profiles

Before installation the following points must be considered:

### Screen setting

NEW MINI 07>                      switch                      **1 ON**                      **2 ON**

How many inputs will be utilised (Aux 1 / 2 / reverse or RGB)?  
*If only **one** input will be used then **switches 7 & 8** should be in the up (**OFF**) position.*

Will there be a reverse camera?  
*If there is, switch **3** will need to be down (**ON**) enabling Reverse control via CAN detection or 12v+*

The interface can be activated via hard wire inputs or via the iDrive controller which can be used to select composite video 1 / 2 / reverse and also RGB by pressing and holding for 3 seconds.

The source signals (composite video 1/2/reverse and RGB ) are multi format supported; currently PAL and NTSC.

### Interface Features

The interface has various features which can be selected/customised (via DIP switches) to suit the installers/end users requirements.

The available features are as follows:

**CAN input** (option to control inputs via iDrive)

**Hard wire inputs** (option to control inputs via cable outputs from added sources 12v+)

**Reverse Input** (option to have reverse camera displayed and switched via CAN or 12v+)

**Auxiliary 1 / 2** (option to control inputs via iDrive or 12v)

**RGB control** (option to control inputs via iDrive or 12v)

**Super wide/Wide** (option to see the selected input on the full screen)

**Auto Video Sense / Manual video select with iDrive controller**

### DIP Switch control options

Switch down is ON

Switch UP is off

# OPERATING INSTRUCTIONS

- 1 - Vehicle option 1
- 2 - Vehicle option 2
- 3 - Reverse camera input
- 4- OFF Auto video sense / ON Manual video select
- 5- OFF
- 6- OFF
- 7 - Enable Aux 2
- 8 - Enable RGB
- 9 - Super wide enable (only available on BMW professional system)
- 10- OFF

## Control of Input options

Aux 1 select - 12v+ or iDrive  
Aux 2 select - 12v+ or iDrive  
Reverse select - 12v+ or (CAN) or iDrive  
RGB select - 12v+ or iDrive

**To switch to aux inputs and also to switch back to BMW factory system press and hold the iDrive controller for 3 seconds.**

**To toggle through the aux inputs (if aux 2, RGB or Reverse camera is active) press down the iDrive controller.**

**To stretch picture to full screen on any aux in press MENU**



## NAV TV (Europe) LTD

Distribution Centre  
Unit 21B Vale Business Park  
Llandow, Vale of Glamorgan  
CF71 7PF

Telephone: + 44 (0)8445 783 783  
Fax: + 44 (0)1446 77 22 47  
technical@nav.tv

**Disclaimer**  
NAV TV (Europe) Ltd is not liable for any incidental, consequential or indirect damages. In case of erratic behavior of the vehicle's electrical system please disconnect the NAV TV product and contact our technical support Team. NAV TV (Europe) Ltd does not assume liability for any diagnostic fees.



# NAV-INBMW3

## VIDEO INPUT

BMW iDrive MINI 2007

With / Without TV Tuner

NAV TV (Europe) LTD

e11\*72/245\*95/54\*3583\*00  
RoHS 2002/95/EC—2002/96/EC