



In Car Video

IVMR-7001

Operating and installation instructions



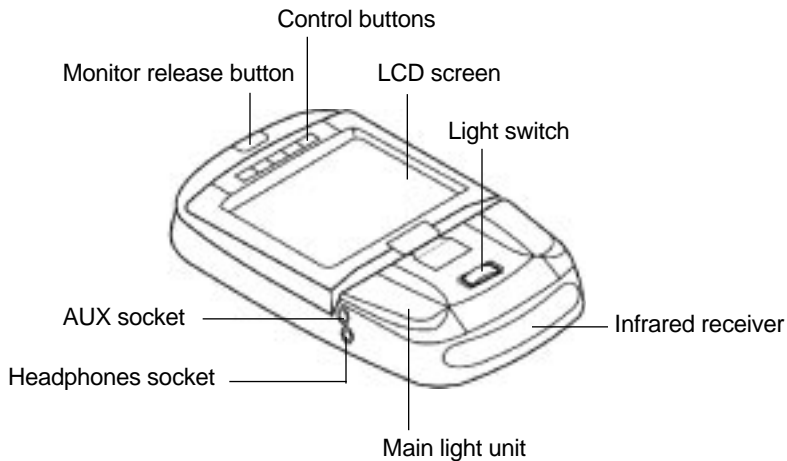
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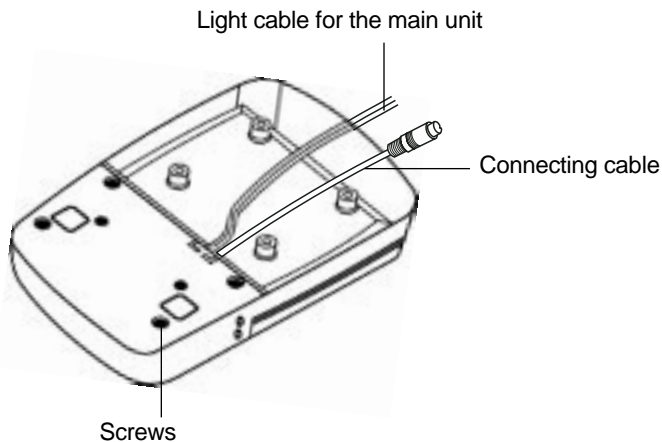
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Front view



Rear view



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Notes for the user

Please observe all the warning notices, precautionary measures and maintenance tips contained in these operating instructions so as to extend the life of your monitor.

- To avoid causing a road accident, never use the monitor during the journey.
- Do not place the monitor's aerial in the following positions:
 1. Positions in which the driver's view could be restricted.
 2. Positions in which the aerial could become a danger to safety (e.g. handbrake, steering wheel, gearshift lever and air-bag).
- Do not install the aerial in locations where it could restrict the driver's rear view. Do not allow the aerial to jut out past the side of the vehicle.
- Attach the aerial carefully so that you do not lose it whilst driving, particularly in the rain or in the car-wash.
- To avoid the danger of receiving an electric shock and damaged to the monitor, make sure that the monitor cannot become wet or moist. If, however, this does occur, switch the device off, disconnect the electrical cable, and take the monitor to your local specialised dealer as quickly as possible or send it in to our customer service centre.
- Only operate the device with the recommended electrical supply of 12V direct current.
- Make sure you do not place or hang any objects on the electrical cable since this could damage it.
- Avoid laying the cable haphazardly or twisting it. Keep it away from heated objects.
- Do not attempt to repair the electrical cable if it becomes damaged or severed – instead, replace it immediately with a new one.
- Make sure that no metallic or inflammable objects make their way into the monitor's insides through the ventilation slots.
- Do not attempt to open or dismantle the monitor, since you could suffer an electric shock as a result.
- If you detect smoke or a strange smell, disconnect the electrical cable immediately and take it to your local specialised dealer or send it in to our customer service centre.
- If the monitor's housing is damaged or broken, take it to your local specialised dealer or send it in to our customer service centre.
- Avoid using the monitor in places where it is subjected to dust, dirt or moisture.
- Do not install the monitor in places where it is subjected to direct sunlight or extreme temperatures.

- Do not subject the monitor to the wet or moisture.
- After installing the monitor, avoid knocking it or pulling it downwards excessively, since this will loosen the screws and the monitor could drop off.

Supplied equipment

The monitor is supplied with all parts listed below. Please check that your device is supplied with all the parts. If one of the listed parts is missing, please contact your dealer immediately.

Standard package

- Monitor (including mounting fixture)
- Remote control with battery
- 500 cm long, 8-pin system cable (only for AV signal converter)
- Guarantee card
- Operating instructions

Using for the first time

Using the interior light

There are three settings for the interior light: OFF, DOOR and ON (see diagram below).

OFF: The lights are switched off.

DOOR: With this setting, the lights only come on when the vehicle's doors are opened.

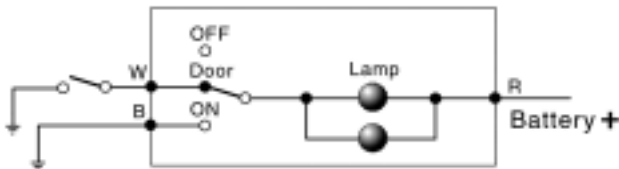
ON: The lights are switched on.



Notes:

- There is no electrical cable connected to position "B", since "B" is connected to the ground via two screws.
- The power supply must be 12 volts.

Circuit diagram



W = White = Connection to the sensor

B = Black = Ground

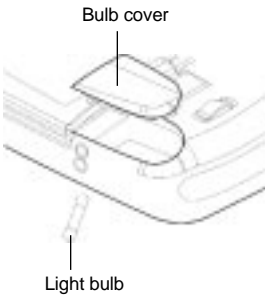
R = Red = Electrical connection

USING FOR THE FIRST TIME

Changing the light bulb

To fit a new bulb, proceed as follows:

- ⇒ Set the light switch to "OFF".
- ⇒ Push back the bulb cover and open it (see diagram below).
- ⇒ Remove the old bulb and dispose of it.
- ⇒ Fit a new bulb.
- ⇒ Close the bulb cover.

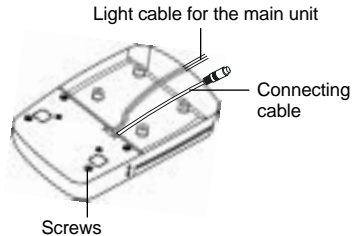


Light bulb specifications

Diameter:	8 mm
Length:	29 mm
Voltage:	12 V direct current, 5 W
Type:	Stanley A3022C or a type with the same specifications

Wiring

Bulb for the main unit

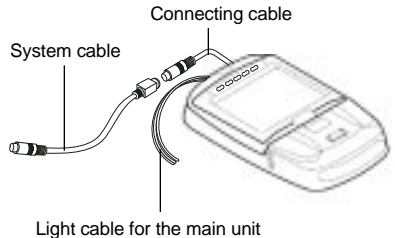


Red = Electrical supply (12 V)
White = Internal lighting system
Black = Ground

Caution:

- The screws have different sizes. Make sure that you insert the screws in the correct positions.
- Make sure that the screws are screwed tight to ensure a good ground connection.

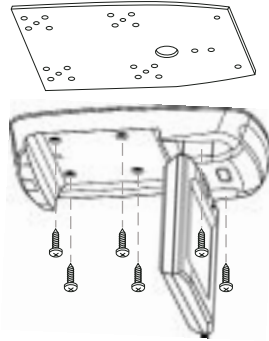
Monitor connection



Installing the monitor

Select a suitable position for secure installation of the monitor:

- The device must not distract the driver or restrict the driver's view.
- The ability to enter and get out of the vehicle must not be impeded.
- The device must not be installed in such a way that could prevent the other vehicle components from functioning properly (e.g. sliding sunroof).
- Make sure that the device is installed in a safe and secure position and cannot become detached in the event of an emergency stop.
- Do not attach the device merely to the roof liner.
- If you need to drill additional holes, make sure you do not drill through the vehicle's sheet metal.
- Avoid using the monitor over a longer period of time whilst the engine is off so as to prevent the battery from becoming drained.



OPERATION

Operation

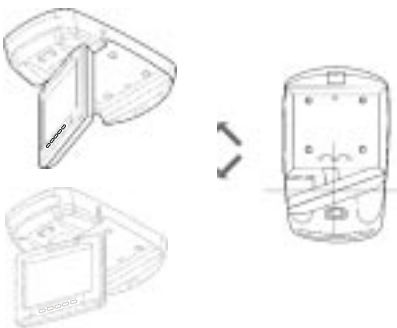
Opening the monitor

- ⇨ Press the monitor release button to flip down the LCD display.
- ⇨ To watch the television, lower the monitor until it is at an angle of 90 degrees to the main unit.



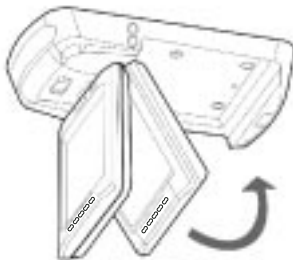
Repositioning the monitor

The monitor can be rotated by up to 30 degrees to the right and left from its central viewing position (see the following diagram).



Closing the monitor

- ⇨ Rotate the monitor back to its central viewing position (see the following diagram).



- ⇨ Push the monitor back into its main unit so that the screen clips back into the releasing/locking mechanism.

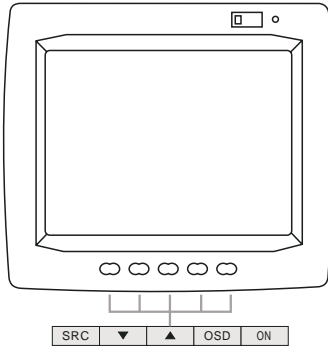
Switching on the monitor

Press the power-on button on the main unit or on the remote control to switch the monitor on/off.

Note:

Before the monitor is switched on, the power indicator lights up orange. This means that the monitor is connected to the 12 V direct current electrical supply. Furthermore, "NO SIGNAL" will flash on and off in the on-screen display (OSD) as long as there is no A/V input signal present.

Display controls



- **POWER:**

This button is used to switch the main unit on/off.

- **OSD:**

⇨ Press the “OSD” button to open the OSD menu or select a function in the OSD menu.

- **SRC:**

⇨ Press this button to select the AV channel (channel 1 – channel 5) of the AV signal converter.

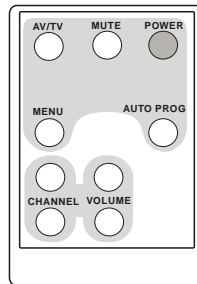
▲: You can use this button to increase the volume.

You can also navigate upwards in the OSD menu using this button.

▼: You can use this button to decrease the volume.

Press this button to navigate downwards in the OSD menu.

Remote control



- **POWER:**

To switch the main unit on/off

- **MUTE (Stumm):**

Turns down the volume to zero

- **AV/TV:**

⇨ Press this button to switch between AV and TV channels.

Note:

This function is only available if the E/A box is connected or the E/A box together with the tuner box.

- **AUTO PROG (Automatic programming):**

Select this option on the remote control or in the OSD menu if you want the monitor to automatically search and store the television channels.

The specifications are as follows:

TV system	Channels
USA	2-69
JAPAN	1-62
PALB/G	2-69
PALD/K	1-57
PALA/I	21-69

OPERATION

Note:

This function is only available if the E/A box is connected together with the tuner box.

- MENU:

You can use this button to open the OSD menu.

- CHANNEL:

These buttons allow you to select the selected channels or functions in the OSD menu.

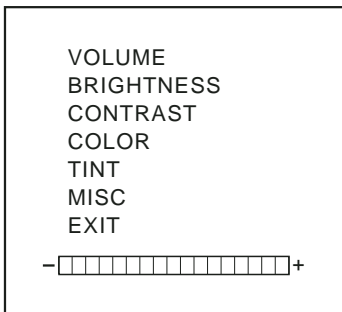
- VOLUME:

1. To adjust the volume
2. To adjust settings in the OSD menu

OSD menu

Main menu

- ⇨ Press the "MODE" button on the main unit or "MENU" on the remote control to open the main menu. Use "EXIT" to close the OSD menu again.



- VOLUME:

To adjust the volume

- BRIGHTNESS:

To adjust the brightness

- CONTRAST:

To adjust the contrast

- COLOR:

To adjust the colour

- TINT:

To adjust the tint

- MISC:

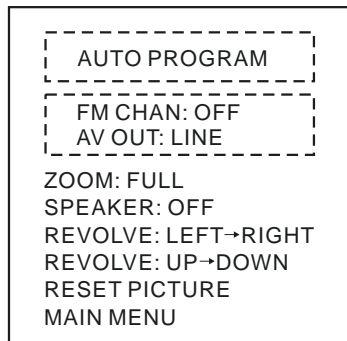
To open the submenu

- EXIT:

To close the OSD menu

Submenu

- ⇨ In the main menu, select the "MISC" option to display the following choice of options.
- ⇨ Select "MAIN MENU" to return to the main menu and then "EXIT" to close the OSD menu.



- FM CHAN:

Use this option to select the FM channel. This channel is set by default to "OFF".

The specifications are as follows:

TV system	FM frequency (MHz) in steps of 0.2 MHz
USA	OFF / 88.1 - 91.9
JAPAN	OFF / 77.1 - 80.9
PALB/G	OFF / 88.1 - 91.9
PALD/K	OFF / 88.1 - 91.9
PALAI	OFF / 88.1 - 91.9

- AUTO PROG (Automatic programming):

Please refer to the "AUTO PROG" function in the section describing the remote control.

- AV OUT:

Select this option to switch between the AV output modes "Constant" and "Variable".

- ZOOM :

This mode is set by default to "Full". You can use the ▲ and ▼ buttons to switch between the following settings:

Full = for displaying a 4:3 signal on a 16:9 screen format

ZOOM1 = Picture height expansion, zoom factor = 4/3

WIDTH1 = Picture height expansion and different picture width change

Normal = Side ratio of 4:3

ZOOM2 = Zoom factor = 8/7, picture height expansion

WIDTH = Different picture width change

WIDTH2 = Picture height expansion and different picture width change

ZOOM3 = vertical expansion, zoom factor = 8/7

- SPEAKER:

Select the "SPEAKER" option and then use the ▲ and ▼ buttons to switch the monitor loudspeaker on/off.

- REVOLVE:

This function and the ▲ and ▼ buttons allow you to reverse the picture (i.e. right-to-left reversed).

- RESET PICTURE:

Select the "RESET PICTURE" option to reset the adjusted parameters back to their factory defaults.

- MAIN MENU:

If you are in the submenu, you can return to the main menu by selecting this option.

SPECIFICATIONS

Specifications

Screen size: 7" Monitor, A1

Screen resolution:
1440 (H) x 234 (V)

Active area: 154.08 (H) x
86.58 (V)

Pixel pitch (mm): 0.107 (H) x
0.370 (V)

Signal system: Dual system NTSC/
PAL

Brightness: 400 cd/m²

Contrast ratio: 150

Viewing angle:
Left/right: 60/60 degrees
Top/bottom: 60/30 degrees

Response time (rise/fall):
25/30 ms

Video input level: 1.0 Vpp ± 10%

Audio input level: 0.3 Vrms

A/V input level: 1.0 Vpp ± 10%

AUX input level: 1.0 Vpp ± 10%

Carrier frequency for IR sensor:
L-CH : 2.3 MHz
R-CH : 2.78 MHz

Headphones output level:
1.0 Vpp

Operating voltage (direct current
voltage): 11 - 15 V

Power consumption:
9 W

Operating temperature:
0 - 60° C

Storage temperature:
-25 - 80° C

Dimensions: 320 x 195 x
60 mm

Weight: 1,200 ± 50 g

Guarantee

The scope of the guarantee depends on the regulations in force within the country in which the unit was purchased.

If your unit develops a fault, please contact your dealer and present the purchase receipt.

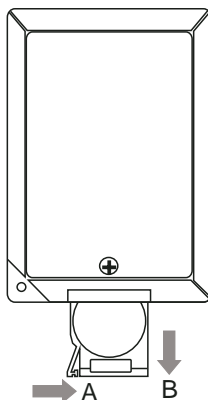
If the statutory guarantee period in your country is less than 12 months, Blaupunkt will grant a 12-month manufacturer's guarantee. This guarantee does not cover damage due to wear, incorrect usage or commercial use.

If you wish to enforce a claim under the manufacturer's guarantee that is provided by Blaupunkt, please send the faulty equipment together with the purchase receipt to the Blaupunkt customer service centre in your country. You can find out which address is closest to you by contacting the telephone hotline listed on the back page of this booklet. Blaupunkt retains the right to rectify defects or supply a replacement.

Appendix

Changing the battery in the remote control

- Push the battery compartment button to the right (see A below).
- Pull the battery compartment out of the remote control (see B below).
- Change the battery.



Subject to changes!

Service-Nummern / Service numbers / Numéros du service après-vente / Numeri del servizio di assistenza / Servicenummers / Telefonnummer för service / Números de servicio / Números de serviço / Servicenumre

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