7" Wide LCD Monitor
With 4 Mounting Options

PYLE® PLVHR72
view

INSTRUCTION MANUAL

Table of Contents

About the liquid crystal display (LCD) panel

1. Do not press on the LCD panel on the monitor unit as doing so can distort the picture or cause a malfunction, the picture may become unclear, or the LCD panel may be damaged.

2. Notes on cleaning
 -clean the LCD panel with a slightly damp soft cloth.
 - do not use solvents such benzine, thinner, commercially available cleaners or antistatic spray.

3. Do not use this unit temperatures under $5^{\circ}C$ ($41^{\circ}F$) or over $45^{\circ}C$ ($113^{\circ}F$).

4. If your car was parked in a clod or hot place, the picture may not be clear. The monitor is not damaged. The picture will become clear after temperature in your car becomes normal.

5. Some stationary blue or red dots may appear on the monitor. These are called bright spots, and happen with any LCD. The LCD panel is highly sophisticated, and more then 99.99% of the segments used in the panel are flawless. However, there is a possibility that less than 0.01% of the segments are defective and may not light up properly. However, these segments will not interfere with your viewing.

Warning

To Prevent fire or shock hazard, do not expose the unit to rain or moisture.

This symbol is intended to alert the user to thepresence of uninsulated "DANGEROUS VOLTAGE" within the product's encloseure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

CAUTION!!
RISK OF ELECTRIC SHOCK
DO NOT OPEN

Caution: To reduce th risk of electric shock
Do not remove cover (or Back)
No user-serviceable parts inside
Refer servicing to qualified service personnel

This symbol is intended to alert the user to the presence of important operating and maintenance(servicing) instructions in the literature accompanying the appliance.

Troubleshooting guide

The following checklist will help you solve problems you may encounter with your unit.
Before going through the checklist below, check the connection and operating.
if you can not solve the problem with follows guide, please contact your nearest dealer.

| Problem	Cause/solution
No picture, no sound	The power cord or battery has been disconnected. The fuse has blown. Press power on.
Good picture, but no sound	Press the volume increase button on the wireless remote, or on the monitor. Press the mute button from the wireless remote. (TIP: refer to page 4 for the "control & layout")
Dolled lines or stripes	This maybe caused by local interference such as car engine or motorcycle.
No picture, or no sound when you connect the optional equipment	The cord has been disconnected. Connect the cord securely. Press power on.
No response when pressing the buttons on the wireless remote	The wireless remote batteries may be exhausted.

Precautions

Please read this manual completely and carefully prior to attempt to install your new car video equipment. Install correctly, your new equipment will provide you with years of enjoyable and safe usage.

Installing this unit requires technical expertise. This unit should be installed by a qualified technician or service personnel. If you try to install this unit by yourself, do it properly, referring to the installation and wiring diagrams in this operating manual. Improper installation may result in fire or electric shock.

1. Do not operate this equipment while driving-safe driving should always be your highest priority.

2. Do not install components in areas which are susceptible to rain, moisture direct sunlight, extremely heat or cold, excessive dust, dirt or humidity.

3. Immediately unplug the power cord and send the monitor to your local dealer or service center as soon as possible:
 a) If there is smoke or any peculiar odor present during used
 b) If there is damage to any of the internal components

4. To avoid damage to the monitor and risk of electronic shock, do not permit any of this equipment to become damp or wet from water or liquid. If this does occur, immediately unplug the power cord and send the monitor to your local dealer or service center as soon as possible.

5. Do not attempt to repair, open or disassemble any of the components. Dangerous high voltages are present which may result in electric shock.

6. Use only a power source with DC12 volts car battery (negative ground).

7. Do not place or suspend objects on the power cord, as this may damage the cord.

8. Do not twist or place the power cord near any source of heat in the vehicle.

9. Do not attempt to repair a damaged, broken or faulty power cord. Replace it with a new one immediately.

10. Avoid dropping any metal objects or inflammable items into the monitor ventilation slots.

11. After the monitor is installed, do not arbitrarily pull it down or strike it. This may loose the mounting screws and cause it fall down.

12. Do not install this unit where:
 a) it will obstruct the driver's view.
 b) it will obstruct the operation of the airbag system.
 c) it will obstruct the operation of the vehicle, especially the steering wheel, shift lever, or brake pedal.
 d) a diver or passengers may injure themselves when getting into or out of the car.

Control and layout for the monitor

Front Audio Output
Front audio output
(headphones)

Front A/V Input
Front audio video input

Blue screen when
no video signal

Remote Sensor
Remote control IR sensor

Power On / Off
Turn on/off the monitor

Menu
Press to display MENU
with functions and setting

Power Cord
(Male)

Adjust Decrease
This multipurpose button serves
to decrease the selected
parameters, such as volume,
contrast etc.

Adjust Increase
This multipurpose button
serves to increase the selected
parameters, such as volume,
contrast etc.

Notice: some functions are work by remote control.

Control and layout for the remote control

Power On/Off
Turn On / Off the monitor

Mute
Press to Mute the sound, press again
to restore the previous volume level

Adjust Increase
This multipurpose button serves to
adjust down to select menu function
and increase the selected parameters
such as contrast, color, brightness etc

Volume Increase
Adjust increase headphone output
volume

Volume Reduce
Adjust reduce headphone output
volume

Adjust Decrease
This multipurpose button serves to
adjust up to select menu function
and decrease the selected parameters
such as contrast, color, brightness etc.

Menu
This button brings up the on-screen
menu for adjustment of a range of
monitor parameters such as,
vol, con, col, bri, tint. Etc

Invert
To adjust the picture
up/down

LCD MONITOR REMOTE CONTROL

AURM-10B

Preset
Picture preset by factory

V1/V2
Select Video 1 or Video 2 Input

When you use a wireless radio or portable telephone near
this unit, picture or sound interference may occur. Do not
use such devices near this unit.

4

Accessories
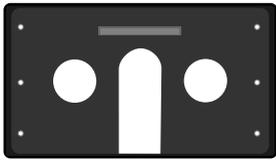
**Headrest &
Sun Visor Shroud**
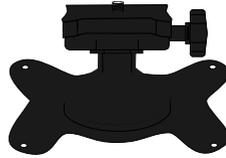
Universal Stand

Remote Control
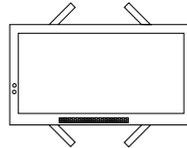
Headrest Case
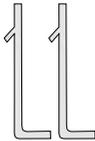
**Key-for removing the monitor
from headrest or visor shroud**

Extension Min Din Cable
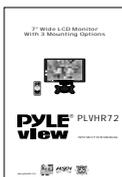
**Instruction Manual**

Connection Diagram

1

2
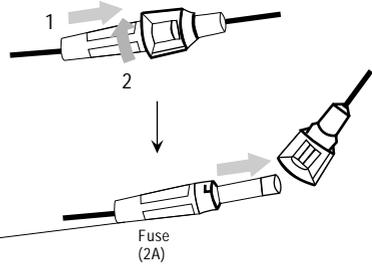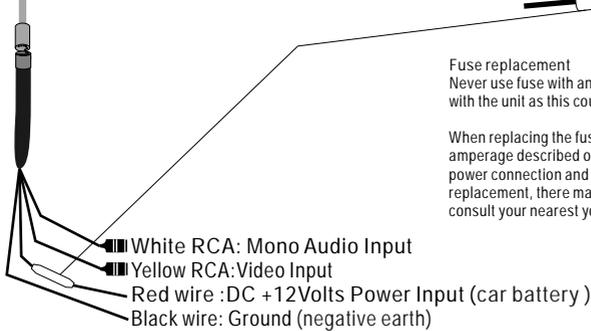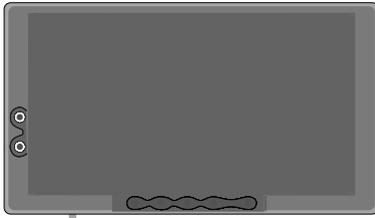
Fuse
(2A)

Fuse replacement
Never use fuse with an amperage rating exceeding the one supplied
with the unit as this could damage the unit.

When replacing the fuse, be sure to use one that matches the
amperage described on the original fuse. If the fuse blows, check the
power connection and replace the fuse. If the fuse blows again after
replacement, there may be an internal malfunction. In such a case,
consult your nearest your's dealer.

White RCA: Mono Audio Input
Yellow RCA:Video Input
Red wire :DC +12Volts Power Input (car battery)
Black wire: Ground (negative earth)

Replacing the Remote Control Battery

1)Always use new battery when replace the old set.
2)Do not attempt to charge, short-circuit, disassemble,
   heat or burn used batteries, battery may be explode
   if mistreated.
3)Battery replacement is necessary when remote
   control acts sporadically or stops operating.
4)Do not drop, apply shock or step on the remote control.
5)Do not spill water on the remote control.
6)Do not place objects between the remote control and remote sensor.
7)Do not use remote control for the other equipments at the same time.
8)Do not leave the remote near any heat sources, or in a place subject to direct sunlight
   (especially on the dashboard).
9) Keep the lithium battery out of the reach of children. Should the battery be swallowed, immediately
   consult a doctor.
10)If the MONITOR does not operate even when you operate the remote control from a close range,
    it is time to replace the battery (use CR-2025 lithium battery), refer ring to the label on the back of
    the basic control.
11)Do not hold the battery with metallic tweezers, otherwise a short-circuit may occur.

PULL OUT
PUSH   IN
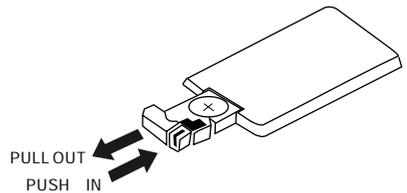
## Steps For Installing Headrest with Shroud
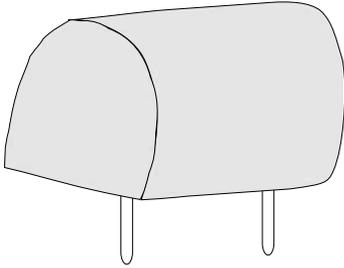
Setup work
Remove the headrest and set it in an uncluttered work area. Pay the appropriate precautions to ensure that it is not damaged during the installation.

CAUTION: make sure the screws are not long enough to go through the headrest!
If you have any doubts about this type of installation, please consult your local mobile electronics retailer. Cutting and making holes in the headrest will cause electronic damage which is expensive to repair.
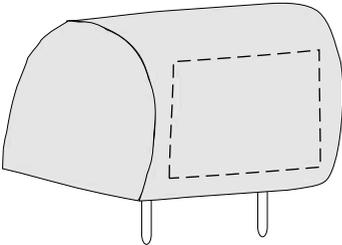
Measurements
Press the headrest with your fingers to make sure there are no obstructions that would hinder the installation. Use paper template to mark the area to be cut.
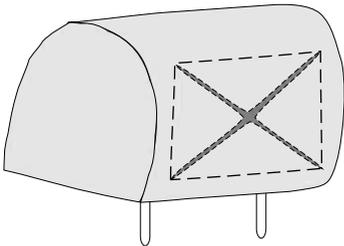
Cut the headrest
Use an adjustable-depth blade, start your cut 1/4 inch inside one corner and cut diagonally across, stopping 1/4 inch in from the other corner. Repeat this procedure for the other two corners.
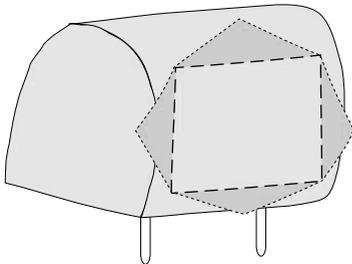
Remove foam & obstructions
Carefully peel off the material. Set the adjustable blade to one inch depth and cut around the edges of the hole, staying 1/4 inch inside the edge. Pull up one corner of the foam and use the blade to cut underneath. Remove small section at a time and ensure to be the uniform depth. Use a dremel or other appropriate tools to remove other obstructions. Insert the monitor to measure the fit and make adjustment if necessary
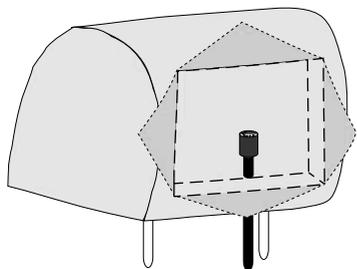
Route the cable through the headrest
Run the supplied cable through the opening
and out to the bottom of the headrest. If possible,
conceal the wires with a shaft covering.
Connect the power, ground and video leads to
test the MONITOR.
Before connecting the monitor, pull the
connecting cable through the headrest shroud as
shown in diagram. Place the headrest housing into the
opening and secure with correct fasteners.
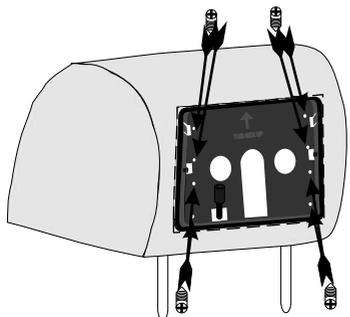
Install the headrest shroud
Pull the connecting cable through the center of
the shroud as shown in diagram, and secure the
headrest shroud with correct fasteners
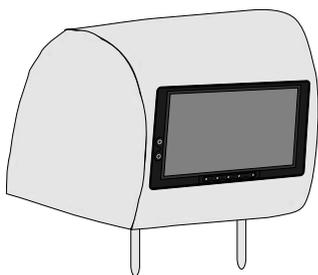
Insert the monitor
Push to insert the monitor
to the headrest shroud.
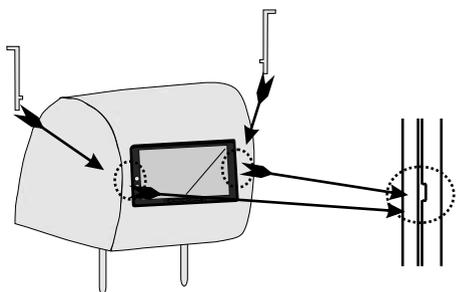
Removal
Insert the release key between the monitor and
headrest shroud gap and pull it out to remove the
monitor from headrest shroud.

Steps For Installing Sun-visor with Shroud
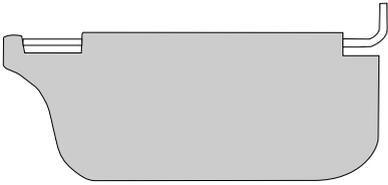
Setup work
Remove the visor and set it in an uncluttered work area. Pay appropriate precautions to ensure that it is not damaged during the installation.

CAUTION: make sure the screws are not long enough to go through the visor!
If you have any doubts about this type of installation, please consult your local mobile electronics retailer. Cutting and making holes in the visor will cause electronic damage which is expensive to repair.
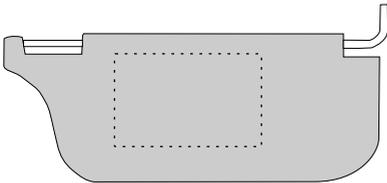
Measurements
Press push on the headliner with your fingers to make sure there are no obstructions that would hinder the installation. Use paper template to mark the area to be cut.
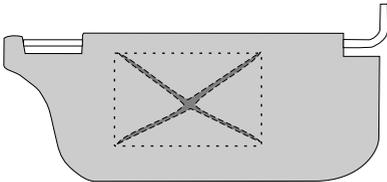
Cut the visor
Use an adjustable-depth blade, start your cut 1/4 inch inside one corner and cut diagonally across, stopping 1/4 inch in from the other corner. Repeat this procedure for the other two corners.
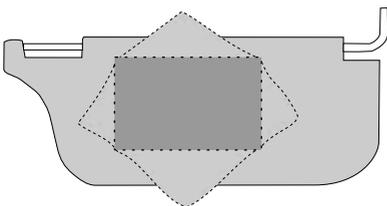
Remove foam & obstructions
Carefully peel off the material. Set the adjustable blade to one inch depth and cut around the edges of the hole, staying 1/4 inch inside the edge. Pull up one corner of the foam and use the blade to cut underneath. Remove small section at a time, ensure to be the uniform depth . Use a dremel or other appropriate tools to remove other obstructions. Insert the monitor to measure the fit and make adjustment if necessary.
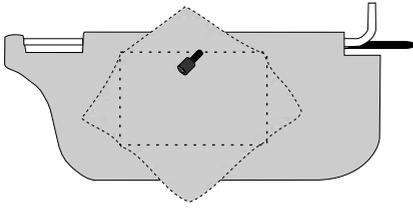
Route the cable through the visor
Run the supplied cable through the opening and out to the bottom of the visor. If possible, conceal the wires using a shaft covering. Connect the power, ground and video leads to test the MONITOR. Before connecting the monitor, pull the connecting cable assembly through the visor housing as shown in diagram. Place sun-visor shroud into the opening and secure it with correct fasteners.
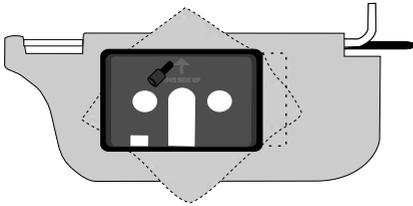
Install the sun-visor shroud
Pull the connecting cable through the center of the housing as shown in diagram, and secure the sun-visor shroud with correct fasteners
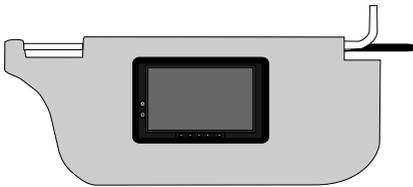
Insert the monitor
Push to insert the monitor to the sun-visor shroud.
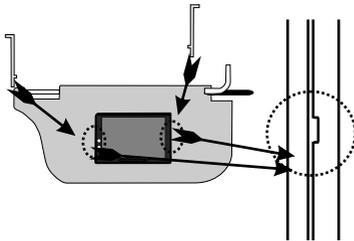
Removal
Insert the release key between the monitor and visor shroud gap and pull it out to remove the monitor from headrest shroud.

Operate your system in a safe and legal manner

When operate a motor vehicle, it should always be your highest priority to maintain safe driving habits.

It is illegal in many areas of most countries to drive with TV or MONITOR on, when it is visible to the driver. Please check your local and state laws governing the use of MOBILE ENTERTAINMENT SYSTEM in your area.
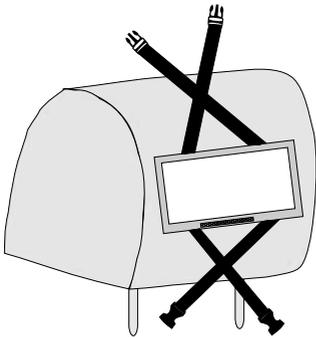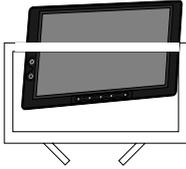
Rear side of headrest
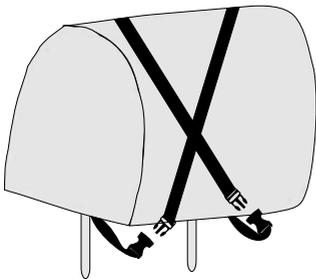
Front side of headrest

Function setting

Press MENU button (1)from the remote or press manual button (1) from the monitor
to call out the function menu, press button (2 or 3) to the desired setting.

| Video Signal | Picture Parameters | DDP | OSD Setup | Others |

☞ ↳ AV1
　　　AV2
　　　Return

◀▶:SEL.　　　MU :ENT.　　　EXIT :EXIT
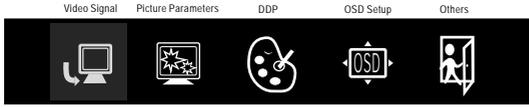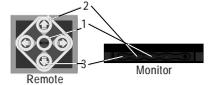
Press Menu button (1) to enter video
signal input selection.
The ↳ symbol show current video input.

Remote　　　Monitor

| Video Signal | Picture Parameters | DDP | OSD Setup | Others |

☞ ↳ AV1
　　　AV2
　　　Return

◀▶:SEL.　　　MU :SET　　　EXIT :RET
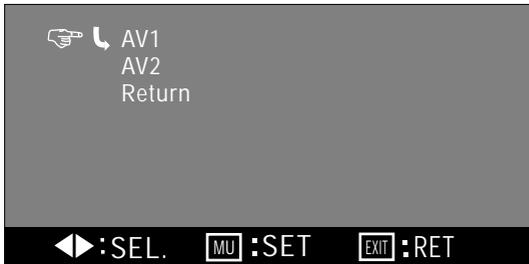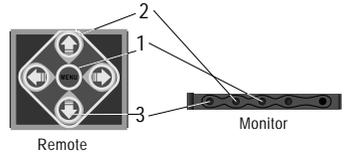
Press the button(2or3) to move the ☞ symbol
and choose video signal input.
Press menu button (1) to confirm your selection.
Move the ☞ symbol to RETURN and press
menu button (1) to exit.

Remote　　　Monitor

| Video Signal | Picture Parameters | DDP | OSD Setup | Others |

☞　　Contrast
　　　Brightness
　　　Hue
　　　Saturation
　　　Gamma Function
　　　Scaling
　　　Return

◀▶:SEL.　　　MU :ENT.　　　EXIT :EXIT
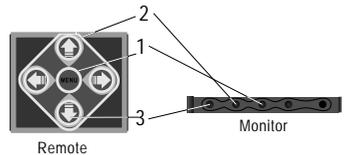
Press the button (2 or 3) to choose the picture
parameters setting.
Press MENU(1) to enter.

Remote　　　Monitor

☞ Contrast
     Brightness
     Hue
     Saturation
     Gamma Function
     Scaling
     Return

◀▶:SEL.   MU :ADJ.   EXIT :RET
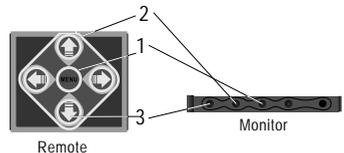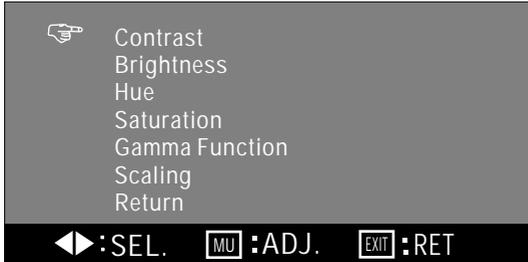
Press the button(2or3) to adjust the ☞ symbol to choose "contrast.
Press menu button (1) to enter contrast setting.
[Contrast: Narrows or widens the gap between black & white (darken & brighten)]

Remote   Monitor

Contrast

               50

◀   - / +   MU EXIT :SAVE / EXIT
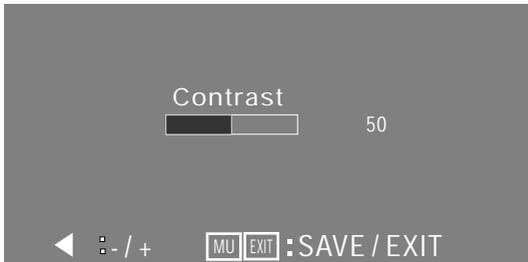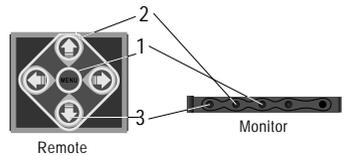
Press button 2: adjust contrast to brighten level.
Press button 3: adjust contrast to darken level.
Press button 1 to confirm setting.
[Contrast adjustable level: 0~100 . Preset: 50]

Remote   Monitor

     Contrast
☞ Brightness
     Hue
     Saturation
     Gamma Function
     Scaling
     Return

◀▶:SEL.   MU :ADJ.   EXIT :RET
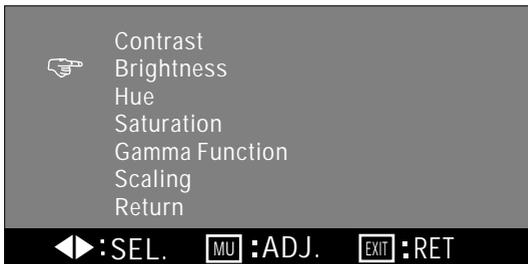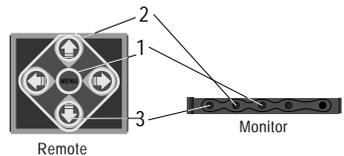
Press the button(2or3) to adjust the ☞ symbol to choose "brightness".
Press menu button (1) to enter brightness setting.
[Brightness: Makes black appear darken or lighter]

Remote   Monitor

Brightness

50

◀▶ : - / +   MU EXIT : SAVE / EXIT
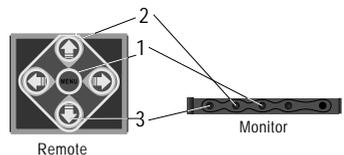
Press button 2: adjust brightness to lighter level.
Press button 3: adjust brightness to darken level.
Press button 1 to confirm setting.
[Brightness adjustable level: 0~100 . Preset: 50]

2
1
3

Remote   Monitor

Contrast
Brightness
☞ Hue
Saturation
Gamma Function
Scaling
Return

◀▶ : SEL.   MU : ADJ.   EXIT : RET
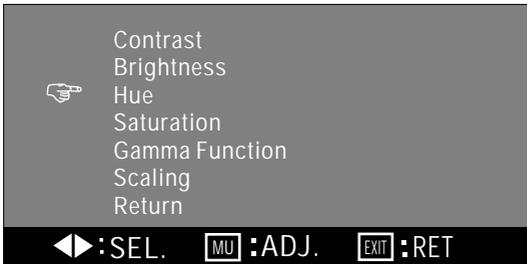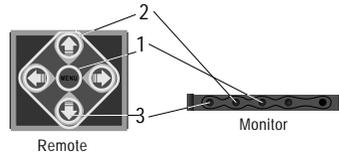
Press the button(2or3) to adjust the ☞ symbol
to choose "hue".
Press menu button (1) to enter hue setting.
[Hue: adjusts reddish or green picture]

2
1
3

Remote   Monitor

Hue

50

◀▶ : - / +   MU EXIT : SAVE / EXIT
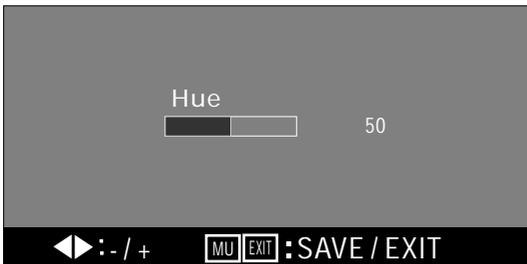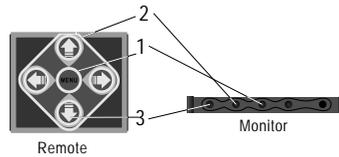
Press button 2: increases greenish level.
Press button 3: increases reddish level.
Press button 1 to confirm setting.
[Hue adjustable level: 0~100 . Preset: 50]

2
1
3

Remote   Monitor

Scaling
  Full Screen
☞ Letter Box
  Paranoma
  Return

◀▶:SEL.   MU :SET.   EXIT :RET
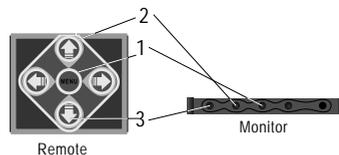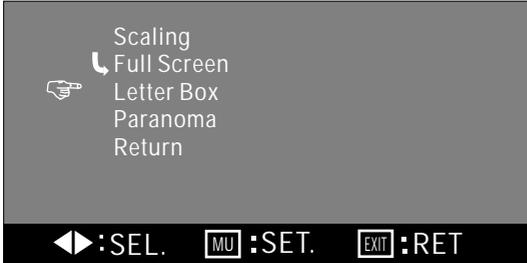
Press the button(2or3) to adjust the ☞ symbol to choose "letter box".
Press menu button (1) setup as letter box.
The ↳ symbol show current selection.
[An image with an aspect ratio of 4:3 (regular picture)]

Remote   Monitor

Scaling
↳Full Screen
  Letter Box
☞ Paranoma
  Return

◀▶:SEL.   MU :SET.   EXIT :RET
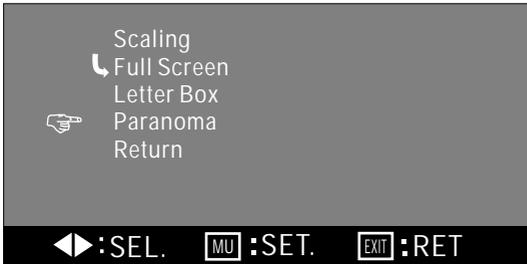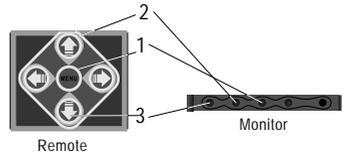
Press the button(2or3) to adjust the ☞ symbol to choose "paranromal".
Press menu button (1) setup as paranormal.
The ↳ symbol show current selection.
[An image with an aspect ratio of 4:3, with only the left and right sides of the image being enlarged to fill the screen]


Remote   Monitor

↳Enable
☞ Disable
  Return

◀▶:SEL.   MU :ADJ.   EXIT :RET
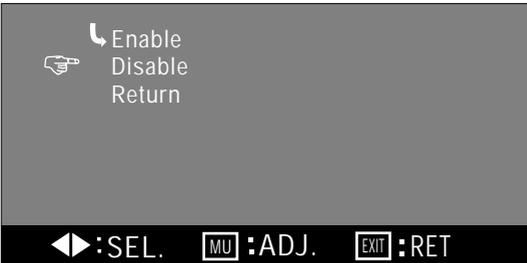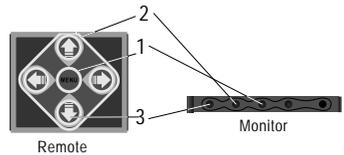
Press Menu button (1) to enter picture clearness setting.
The ↳ symbol show current video input.

Remote   Monitor

Contrast
Brightness
Hue
☞   Saturation
Gamma Function
Scaling
Return

◀▶:SEL.   MU:ADJ.   EXIT:RET
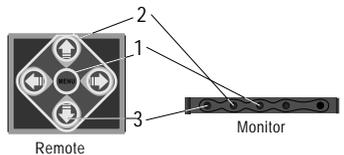
Press the button(2or3) to adjust the ☞ symbol to choose "saturation".
Press menu button (1) to enter saturation setting.
[Makes color appear lighter or darker]

2
1
3
Remote   Monitor

Saturation
50

◀▶:- / +   MU EXIT:SAVE / EXIT
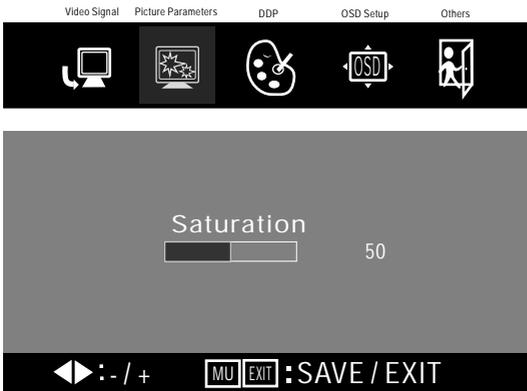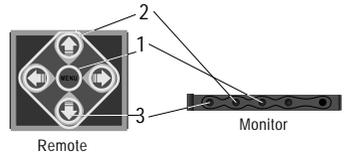
Press button 2: makes colors appear darker.
Press button 3: makes colors appear lighter.
Press button 1 to confirm setting.
[Saturation adjustable level: 0~100 . Preset: 50]

2
1
3
Remote   Monitor

Contrast
Brightness
Hue
Saturation
☞   Gamma Function
Scaling
Return

◀▶:SEL.   MU:ADJ.   EXIT:RET
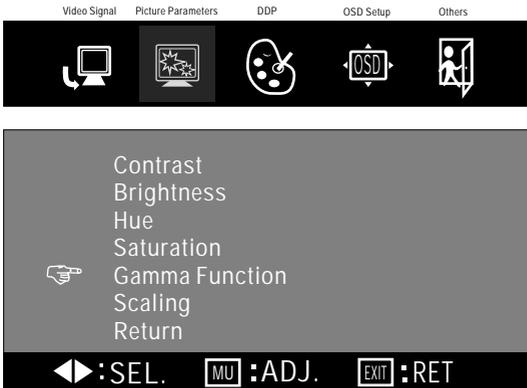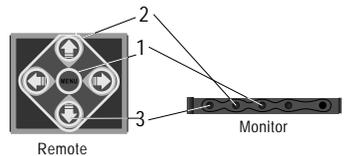
Press the button(2or3) to adjust the ☞ symbol to choose "gamma".
Press menu button (1) to enter gamma setting.
[Gamma: Makes black light appear darken or lighter]

2
1
3
Remote   Monitor

16

Gamma Function

0

◀▶ : - / +   MU EXIT : SAVE / EXIT
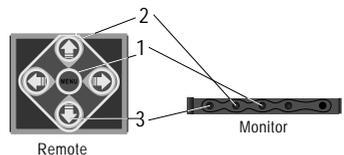
Press button 2: appear 0 standard (preset).
Press button 3: select 1(brighten) .
Press button 1: to confirm setting.

2
1
3
Monitor
Remote

Contrast
Brightness
Hue
Saturation
Gamma Function
☞ Scaling
Return

◀▶ :SEL.   MU :ADJ.   EXIT :RET
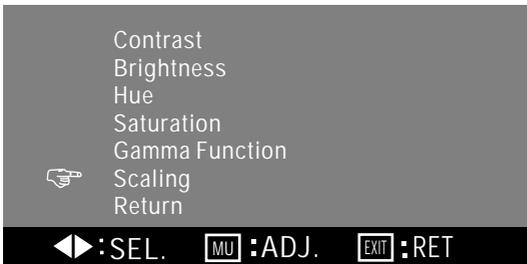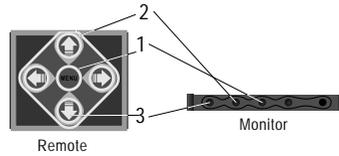
Press the button(2or3) to adjust the ☞ symbol
to desired setting (scaling).
Press menu button (1) to enter scaling setting.
[Scaling: adjusts picture size full screen, letter box & paranormal]

2
1
3
Monitor
Remote

Scaling
☞ ⌊ Full Screen
Letter Box
Paranoma
Return

◀▶ :SEL.   MU :SET.   EXIT :RET
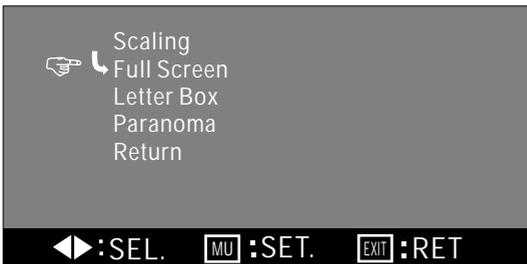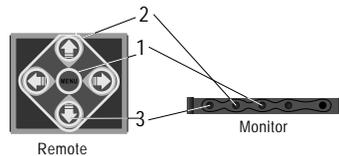
Press the button(2or3) to adjust the ☞ symbol
to choose "full screen:.
Press menu button (1) setup as full screen.
The ⌊ symbol show current selection.
[An image with an aspect ratio of 4:3 enlarge to the left & right
edges of the screen]

2
1
3
Monitor
Remote

Video Signal	Picture Parameters	DDP	OSD Setup	Others

☞ 🔖 Enable
　　 Disable
　　 Return

◀▶:SEL.　　MU:ADJ.　　EXIT:RET
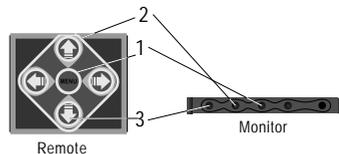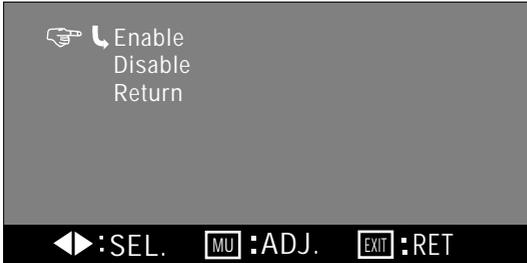
Press the button(2or3) to adjust the ☞symbol to choose enable.
Press menu button (1) setup as clearness picture.
The 🔖 symbol show current selection.
Adjust the ☞ symbol to RETURN and press menu button (1) to exit.
[Set enable as smartnous technology support]

Remote　　Monitor

Video Signal	Picture Parameters	DDP	OSD Setup	Others

　　 🔖 Enable
☞　 Disable
　　 Return

◀▶:SEL.　　MU:ADJ.　　EXIT:RET
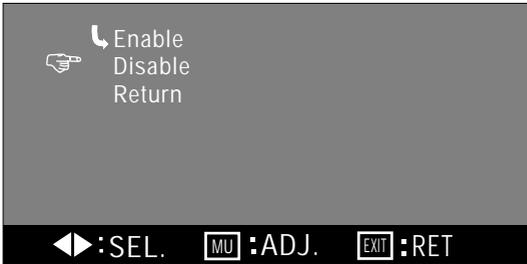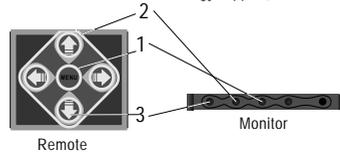
Press the button(2or3) to adjust the ☞symbol to choose disable.
Press menu button (1) setup as clearness picture.
The 🔖 symbol show current selection.
Move the ☞ symbol to "RETURN" and press menu button (1) to exit.
[Set disable as normal picture]

Remote　　Monitor

Video Signal	Picture Parameters	DDP	OSD Setup	Others

☞　 Language Select
　　 OSD Timeout
　　 Transparency
　　 Information
　　 Memory Recall
　　 Return

◀▶:SEL.　　MU:ADJ.　　EXIT:RET
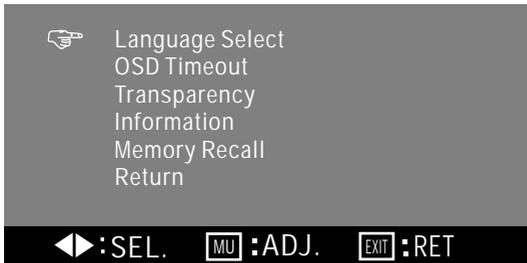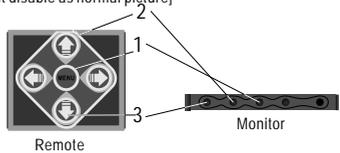
Press Menu button (1) to set the OSD.

Remote　　Monitor

Video Signal	Picture Parameters	DDP	OSD Setup	Others

Language Select
OSD Timeout
Transparency
Information
Memory Recall
Return

◄►:SEL.   MU :ADJ.   EXIT :RET
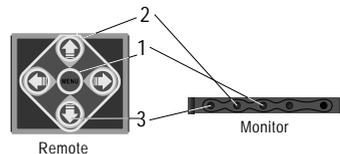
Press the button(2or3) to adjust the ☞ symbol
to choose "language".
Press menu button (1) to enter language setting.
[Setting On Screen Display language]

Remote   Monitor

Video Signal	Picture Parameters	DDP	OSD Setup	Others

↳Language Select
☞ English
    Exit

◄►:SEL.   MU :SET.   EXIT :RET
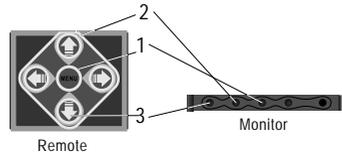
Press the button(2or3) to adjust the ☞ symbol
to desired language (English).
Press menu button (1) setup language as English.
The ↳ symbol show current selection.
Move the ☞ symbol to "RETURN" and press
menu button (1) to exit.
[Set disable as normal picture]

Remote   Monitor

Video Signal	Picture Parameters	DDP	OSD Setup	Others

Language Select
OSD Timeout
Transparency
Information
Memory Recall
Return

◄►:SEL.   MU :ADJ.   EXIT :RET
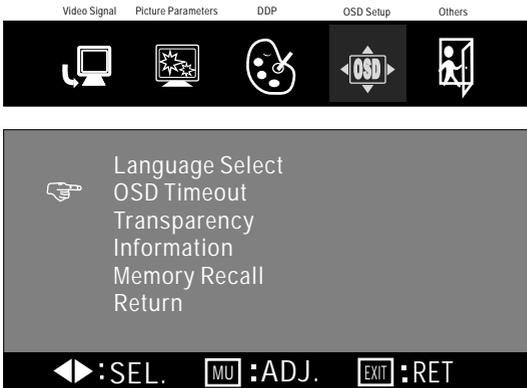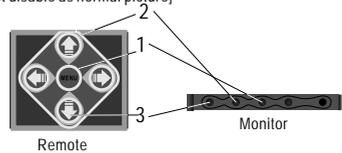
Press Menu button (1) to set OSD appear timing.

Remote   Monitor

19

Video Signal	Picture Parameters	DDP	OSD Setup	Others

OSD Timeout

30

◀▶ : - / +   MU EXIT : SAVE / EXIT
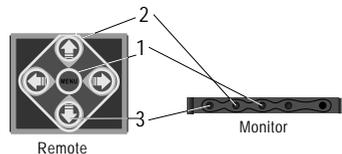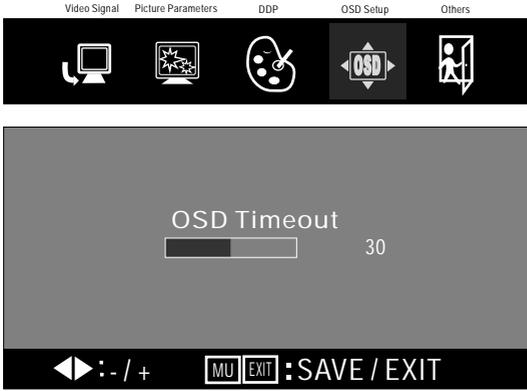
Press button 2: increase OSD timeout.
Press button 3: reduce OSD timeout.
Press button 1 to confirm setting.
[Timout level: 10~60 . Preset:30 seconds]

2
1
3

Remote

Monitor

Video Signal	Picture Parameters	DDP	OSD Setup	Others

Language Select
OSD Timeout
☞ Transparency
Information
Memory Recall
Return

◀▶ : SEL.   MU : ADJ.   EXIT : RET
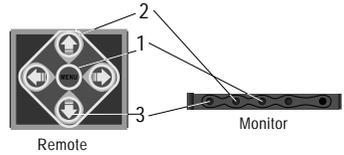
Press the button(2or3) to adjust the ☞ symbol
to choose "transparency" setting.
Press menu button (1) to enter OSD transparency
setting.
[Transparency: makes solid or transparency OSD display]

2
1
3

Remote

Monitor

Video Signal	Picture Parameters	DDP	OSD Setup	Others

Transparency

0

◀▶ : - / +   MU EXIT : SAVE / EXIT
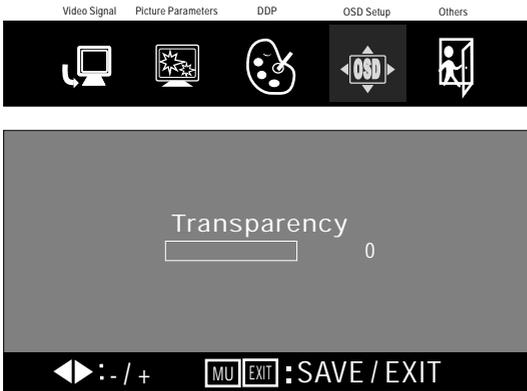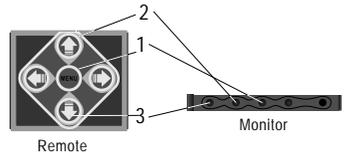
Press button 2: set increase transparency.
Press button 3: set reduce transparency .
Press button 1 to confirm setting.
Move the ☞ symbol to "RETURN" and press
menu button (1) to exit.
[Transparency adjustable level: 0~7 . Preset:0]

2
1
3

Remote

Monitor

20

Video Signal	Picture Parameters	DDP	OSD Setup	Others

Language Select
OSD Timeout
Transparency
☞ Information
Memory Recall
Return

◀▶:SEL.   MU :ADJ.   EXIT :RET
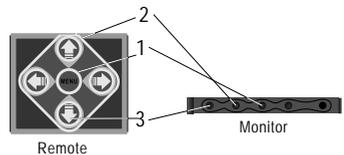
Press the button(2or3) to adjust the ☞ symbol to choose "information".
Press menu button (1) to enter information.
[Appear video input information]

2
1
3
Monitor
Remote

Video Signal	Picture Parameters	DDP	OSD Setup	Others

Information

Source: Av1
Format: NTSC
HS: 15.7 Khz
VS: 59.8Hz

◀▶:SEL.   MU :SET.   EXIT :RET
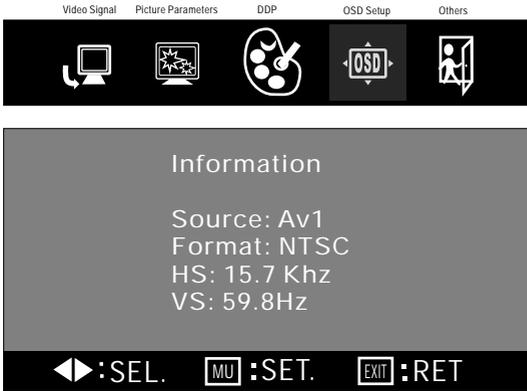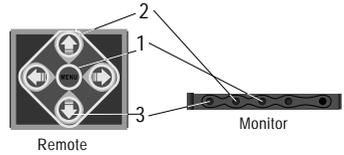
Show video signal input information.
Move the ☞ symbol to "RETURN" and press menu button (1) to exit.
[Set disable as normal picture]

2
1
3
Monitor
Remote

| Video Signal	Picture Parameters	DDP	OSD Setup	Others

Language Select
OSD Timeout
Transparency
Information
☞ Memory Recall
Return

◀▶:SEL.   MU :ADJ.   EXIT :RET
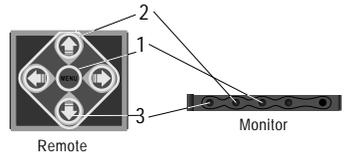
Press Menu button (1) set return tp factory default setting.

2
1
3
Monitor
Remote

☞   Exit
      VCOM Adjust
      Display Model: Rotate

◆▶:SEL.   MU :ADJ.   EXIT :RET
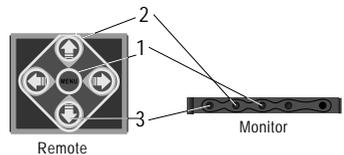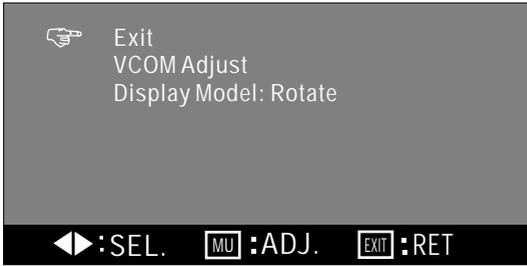
Move the ☞ symbol to "RETURN" and press
menu button (1) to exit.
[Fully exit the setting]

2
1
3
Monitor
Remote

      Exit
      VCOM Adjust
☞   Display Model: Rotate

◆▶:SEL.   MU :ADJ.   EXIT :RET
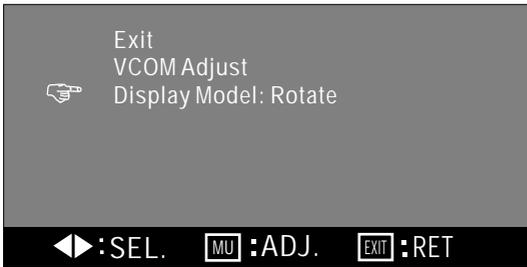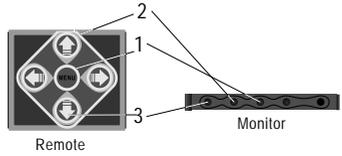
Adjust to the picture rotate

2
1
3
Monitor
Remote

50
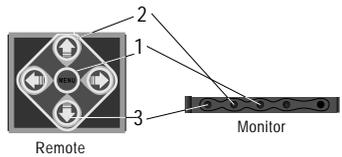
Press button 2: set volume increase.
Press button 3: set volume reduce.
Press button 1 to mute the sound, press again
to restore the previous volume level.
[Volume adjustable level: 0~100 . Preset:50]

1
2
3
Monitor
Remote
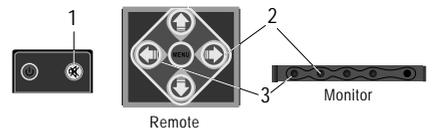
Specifications:

LCD Drive Method: a-SI TFT Active Matrix
Visible Screen Size: 7 Inch Wide Screen (Diagonal)
Aspect Ratio: 16:9
Display Format: 480 x RGB x 234
Number of Pixels: 336,960
Response Time: $\leqq$ 15ms
Backlight : High Brightness CCFT
Luminance: 350 cd/m$^{2\#3}$
Backlight Life: 10,000 Hrs $^{\#1}$
Contrast Ratio: 300:1
Viewing Angle: (H/V): 120° / 100°
Operation Temperature: -20°C ~ 70°C / -2°F ~ 158°F
Video Color System Input: NTSC & PAL Compatible
On Screen Display: English
Rear Video Input Terminals: RCA x 1 (1 Vp-p, 75 ohm)
Front Video Input Terminals: ϕ3.5mm Jack x1 (1 Vp-p, 75 ohm)
Front Audio Input Terminals: ϕ 3.5mm Jack x1
Front Audio Output Terminals: ϕ 3.5mm Jack x1
Remote Control: Included
Volume / Brightness / Contrast / Saturation / Hue: Adjustable
Blue Screen: Yes
Power Input: DC12 Volts car battery (negative earth)
Current Consumption: 6 W Max
Weight: 154g
Size: 186 x 105 x 22.5 cm (L x W x H)
　　　73.23 x 41.34 x 8.86 inch (L x W x H)

[1] A measure of the time unit screen brightness declines by half under continuous viewing
in a car/room at 25°C with screen brightness in standard mode. (50% original brightness)

[2] A measure of the unit temperature declines in a car/room at 25°C
with screen brightness in standard mode. (50% original brightness)

[3] A measure of the backlight 350cd/m^2 brightness will in standard
lamp voltage at 560 Vrms.

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