

7 INCH WIDE TFT LCD MONITOR FOR HEADREST



TOUCH PANEL Instruction Manual

# Contents

■ Introduction .....	3
■ Warning .....	4
■ Safety Precautions .....	4
■ Box Contents .....	5
■ Name and function of each part .....	6
■ Main Function .....	7
■ How to control the monitor	
– Power On/Off .....	8
– Mode Change .....	9
– Picture Control Menu .....	10
■ How to control DVD Player .....	11
( Remote Control Board Function )	
■ Connecting Diagram ( Installation ) .....	13
■ Troubleshooting .....	14
■ Specification .....	15
■ Note .....	16

## Introduction

THIS UNIT IS A FULL-FEATURED COLOR TOUCH PANEL 7 INCH WIDE TFT LCD MONITOR FOR HEADREST.

- 7" WIDE TFT LCD
- TOUCH PANEL CONTROL
- FULL FUNCTION ON SCREEN DISPLAY
- 2 VIDEO INPUTS
- REMOTE CONTROL BOARD FUNCTION FOR DVD PLAYER  
( Available only with NESA DVD Player DVD-1002)
- IR REMOTE SENSOR
- NTSC/PAL AUTO SELECTION
- HI-RESOLUTION : 1440(H) X 234(V)
- FULL FUNCTION CONTROL
  - BRIGHTNESS
  - CONTRAST
  - TINT
  - COLOR
  - SHARPNESS

## Warning (Improper handling from ignoring the following may result in serious injury.)

- Don't watch or operate the monitor while driving. It may cause a car accident because of the distraction.
- Don't install the monitor on a place where obstruct the driver's viewing or near an air bag device.  
(With a bad viewing angle, it will cause an accident easily)
- Note that TFT LCD is very fragile and could be easily damaged. Do not press or scratch the surface harder.
- If the liquid crystal material leaks from the LCD panel, it should be kept away from the eyes or mouth. In case of contact with hands, legs or clothes, it must be washed away thoroughly with soap.
- Don't attempt to service this product by yourself when it breakdown. (Don't repair this unit by yourself to avoid serious damage)
- Keep away the liquid from the main body to avoid possible electric shock or damage.
- In case of smoking or rare odour from the monitor, power off this monitor immediately and contact with the dealer for service.

## Safety Precautions (Improper handling from ignoring the following may result in serious injury.)

- Don't watch Video while the car's engine is off. (It may drain the car battery)
- Avoid from direct sunshine, heat or moisture when installing this unit.
- In case of changing fuse or battery, use proper one to avoid malfunction.
- Keep the monitor screen away from the children to avoid possible LCD breakage.
- Don't move the unit during playback.
- This unit is designed to be used with 12 Volt DC only.

# Box Contents

After purchasing this product, open the packaging and see if any of the components listed below are damaged or missing. If there is an abnormality, make an inquiry with your place of purchase. As these images are to facilitate the understanding of the consumer, they may differ from the actual conditions.



Unit 1 ea



Headrest Case 1 ea



Frame 1ea



VIDEO INPUT & POWER Cable 1 ea



M4 X 15 mm

Screw 6 ea  
( For Headrest Case )



Manual 1 ea



Warranty Card  
Registration Card



IR Repeat Wire

## Name and Function of Each Part



< Front Side View >

# Main Function

1. Displaying a movie, a navigation screen or any other images input by connecting with Video Input.

• Car DVD Player




• Car Navigation

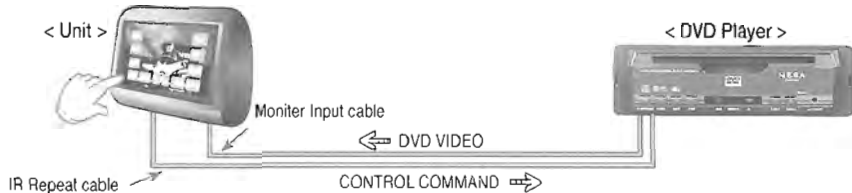


• Game gear



2. When the unit is connected with NESAs DVD player 'DVD-1002', the unit can be used for a Remote Control Board of the DVD Player. A user can control the connected DVD player with On-screen Function Keys such as Play, Stop, Preview, Next, Volume Up, Volume Down, DVD Player Power, Disc Eject and so on.

<  For more details, please refer to Page 11 & Page 12. >



## How to control the monitor

### Power On / Off

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To power on the unit, press any place on the monitor screen for 1.5 sec.



< Unit >

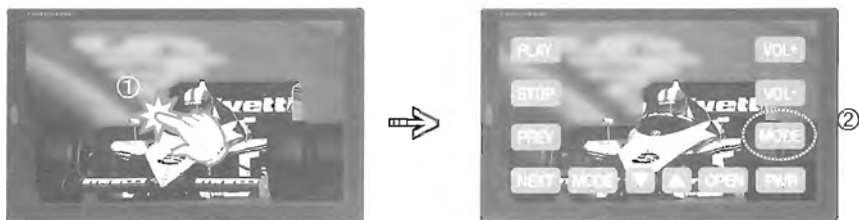
To power the off unit, press MPWR on the monitor in VIDEO 2 Mode.



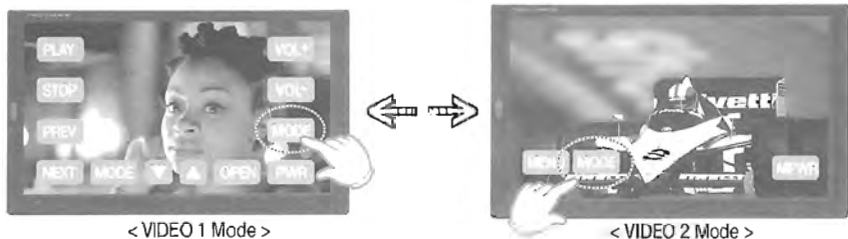
< VIDEO 2 Mode >

## Mode Change

1. Press any place on the monitor screen with your finger softly ①, and you will see the MODE button on the monitor ②.



2. Press the MODE button to change an Input Mode. ( VIDEO 1 Mode ↔ VIDEO 2 Mode )



3. When using a Remoto Controller, press MODE button to change an Input Mode.



### Note

*If there is no more touch control for 5 seconds while any buttons or the Picture Control Menu are being shown on the monitor, all buttons & menu will be disappeared automatically.*

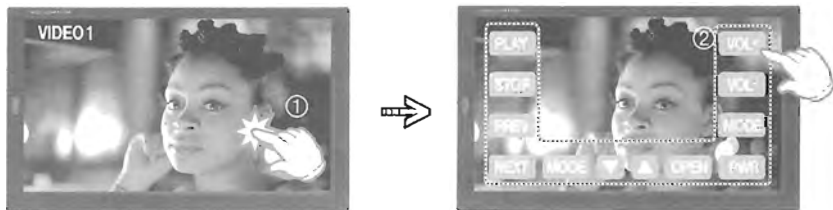
1. When the MENU button on the monitor screen is pressed, the picture setting menu will be shown.
2. Use to achieve the desired settings for BRIGHTNESS, CONTRAST, TINT, COLOR, SHARPNESS and RESET.
  - BRIGHTNESS : Dim ↔ Bright
  - CONTRAST : Contrast between light and shade
  - TINT : Tint of color
  - COLOR : Control of color
  - SHARPNESS : Sharpness of view
  - RESET : Brings its factory defaults
3. Press the up▲ / down▼ arrow buttons to highlight the desired picture setting menu to control, and adjust the values with the left◀/ right▶ arrow buttons while menu OSD is still displayed on the screen for changing the values.
4. When using a Remote Controller, press MENU button on the Remote Controller to bring out the menu, and adjust the values.

## How to control DVD Player ( Remote Control Board Function )

### DVD Control Menu

While driving, the driver should not watch or operate the DVD player, and it is inconvenient for the rear seat passengers to stretch their arms to control the head unit. However, with the Remote Control Board Function of this unit, the rear seat passengers can control the DVD Player from the rear seat. The Remote Control Board Function is currently available only when it is being connected with NESAs DVD player ( Model Name : DVD-1002 ).

1. In VIDEO 1 Mode, if you press any place on the monitor screen ①, and you will see the Remote Control Menu buttons on the monitor ②.

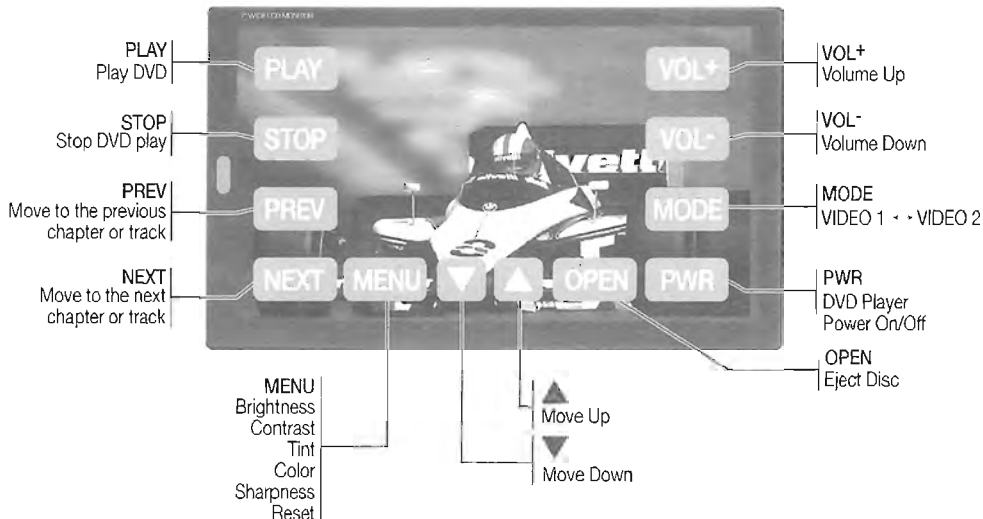


2. Press to control the connected DVD Player with this Remote Control Board Function.

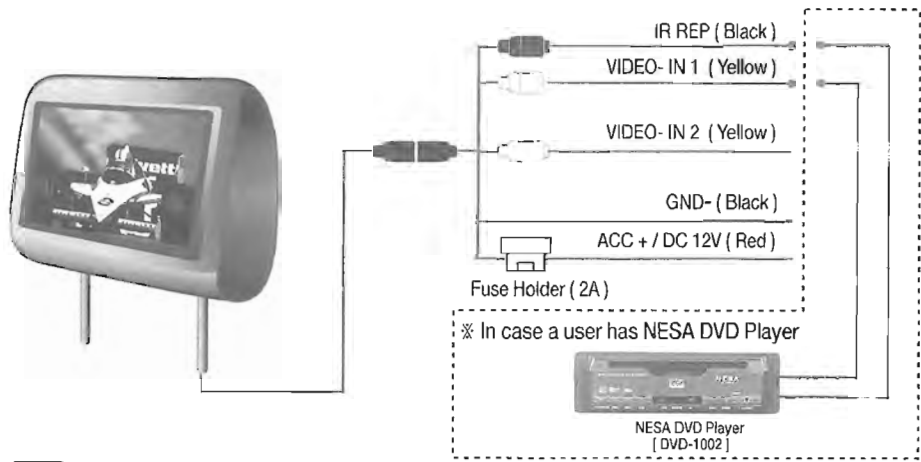
#### Note

Remote Control Board Function is currently available only with NESAs DVD Player ( Model Name : DVD-1002 ).

## < Description of Remote Control Menu for DVD Player >



## Connecting Diagram ( Installation )



**Note**

If a user has the specific NESAs DVD player [DVD-1002], a user should connect IR REP & VIDEO-IN 1 cables to the NESAs DVD Player for the Remote Control Board Function. Please check out the name tag of the cables.

# Troubleshooting

## TROUBLE

No Power



## CORRECTIVE ACTION

Check out that DC power cable is connected properly.

No Picture



Check out that the INPUT cable is connected properly.  
Check out that the unit is power on.

Stopped Picture



Check out that the INPUT cable is connected properly.  
And, please power off/on the unit.

The remote control doesn't work properly.



Remove any obstacles between the remote controller and remote control sensor of the unit.  
Operate the remote controller at a closer distance to the unit.

No function with the remote controller



Check the battery and make sure that the battery is fresh & new, or has enough battery life.

## Specification

Power Source	DC 12V 2A
Power Consumption	6W
Video System	NTSC/PAL AUTO SELECTION
Display Type	7 Inch Wide TFT LCD
Control Type	Touch Screen, IR Remote Sensor
Resolution	1440(H) X 234(V)
Operating Temp	-20°C ~ +70°C
Storage Temp	-30°C ~ +80°C
Viewing Angle	+40° ~ -60° (V) / +60° ~ -60° (H)
Video Input	1.0 Vp-p (75 Ω)
Net Weight	475 g
Dimension	78.0"(W) X 50.6"(H) X 13.1"(D) 198mm(W) X 128mm(H) X 33mm(D)

## Note :

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment under FCC rules.