

ALPINE ELECTRONICS, INC.

TMX-R1000 (USA and JAPAN)
TMX-R1000P (EUROPE)

VGA MOBILE CINEMA MONITOR

OWNER'S MANUAL

DRAFT

Features

- 10.2 inch Wide VGA TFT Active Matrix Color LCD (800 x 480)
- 3 AUX In / 1 AUX Out
- 1 Remote In / 2 Remote Out
- Front Key Control (OHM / DVD / DVD-HU / TV Tuner)
- Visual EQ (FLAT, NIGHT MOVIE, SOFT, SHARP, HIGHT CONT)
- Independent parameter setting on each AUX inputs (Picture/Visual EQ/Audio Input Level/Display Mode)
- 3 Level Dimmer (HIGH/MID/LOW)
- CH Selectable IR Transmitter for IR Headphones (A/B/OFF)
- Built-in Wireless FM Transmitter
- DVD Power Control
- Customized OSD Source Name
- Built-in FM Transmitter *
- White LED Dome Light
- Universal Remote Control (OHM / DVD / TV Tuner)
- Trim Ring / Bracket / 1 Headphone Included

Note: * This is only for TMX-1000.

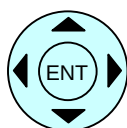
Operation

FRONT KEYS AND REMOTE CONTROL KEYS

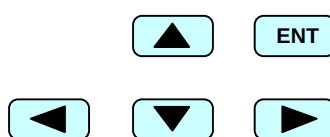
Directional Key and ENT Key Button

This key is used for OHM, DVD and TV-Tuner control. Using up, down, left and right keys to select an item. Then, ENT key to confirm.

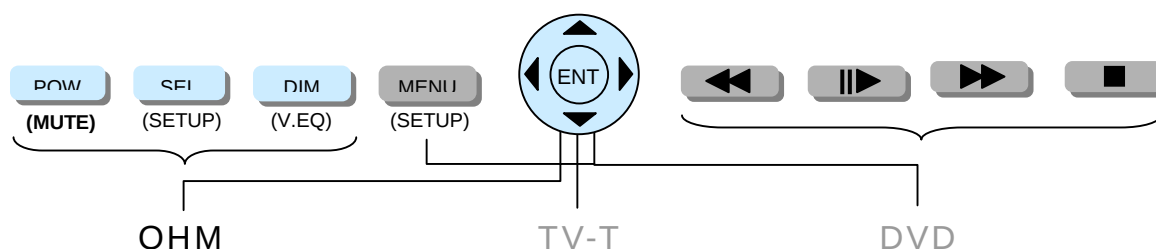
Front Key Control



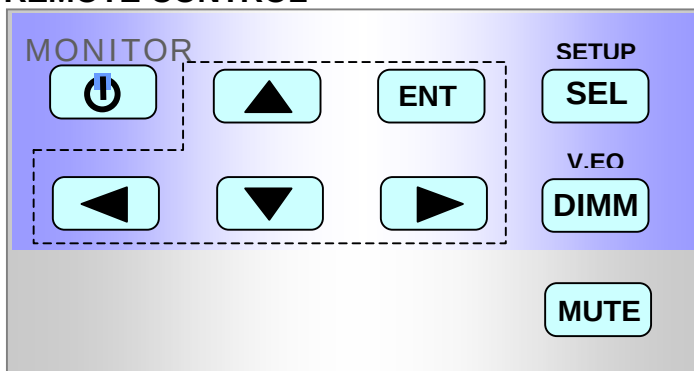
Remote Control



1. OVERHEAD CONTROL: Front Key Control and Remote Control



REMOTE CONTROL



a. POWER Button

Front Key Control

Press this button to turn ON the unit.

Press and Hold of this button to turn Off the unit.

While the power is ON then press Power Button, the Mute function is ON. The press again, the Mute function is OFF.

Remote Control

Press POWER button to turn ON and OFF the unit.

Press MUTE button to mute ON and OFF.

b. SELECT Button

- ❑ Press SEL Key Button, it shows the Source Select OSD. Press this button to cycle through the display modes as AUX1, AUX2, AUX3 and AUX1.
- ❑ Press and Hold SEL Key Button, it shows the SETUP Menu. Press this button to cycle through the display modes as PICTURE, DISP MODE, SYSTEM and PICTURE. To change the each mode, it uses 4 directional keys and ENT key.
 - PICTURE: using Up and Down directional keys to select BRIGHT, COLOR, TINT, CONTRAST, SHAPNESS and RESET. Using Left and Right directional keys can be changed each pictures value setting.
RESET: Press ENT key, it changes to Factory Default Picture Setting.
 - DISP MODE: using Up and Down directional keys to select WIDE, ZOOM, CINEMA and NORMAL
 - SYSTEM: using Up and Down directional keys to select IR TRANS, FM TRANS, FM FREQ, SOURCE NAME 1, SOURCE NAME 2, SOURCE NAME 3, AUDIO LEVEL 1, AUDIO LEVEL 2, AUDIO LEVEL 3 and FACTORY DEFAULT.
 - IR TRANS: using Left and Right directional keys to select A/B/OFF. (Default: A)
 - FM TRANS: using Left and Right directional keys to select FM Radio region (OFF/USA/JPN). (Default: OFF)
 - FM FREQ: using Left and Right directional keys to select desired FM Radio Frequencies between 88.1 MHz. to 92.5MHz. USA frequency step is 0.2MHz and Japan is 0.1MHz. (Default: 89.1 MHz)

FM Transmitter function is not available for TMX-R1000P.

- SOURCE NAME 1: using Left and Right directional keys to select AUX1/DVD/DVD-HU/TV/GAME/USER (Default: DVD)
- SOURCE NAME 2: using Left and Right directional keys to select AUX2/DVD/DVD-HU/TV/GAME/USER/OFF* (Default: TV)
- SOURCE NAME 3: using Left and Right directional keys to select AUX3/GAME/USER/OFF* (Default: GAME)
*Remark *: When it selects to OFF, Source Selection will be skipped to next input. (AUX1 cannot be turned OFF.)*
- AUDIO LEVEL 1: using Left and Right directional keys to select HIGH/MID/LOW. (Default: HIGH)
- AUDIO LEVEL 2: using Left and Right directional keys to select HIGH/MID/LOW. (Default: HIGH)
- AUDIO LEVEL 3: using Left and Right directional keys to select HIGH/MID/LOW. (Default: HIGH)
- FACTORY DEFAULT: Press ENT Key, the system changes to Factory Default System Setting.

[SPECIAL FEATURE: Source Name Customize]

Your desired OSD source name can be defined up to 6 characters.

When the source name is set to "USER" in the source name setting, press ENT key then character setting menu appears.

Using four directional keys and ENT key to select the character "A-Z", "0-9", "-", space and ".".

"DEL": Delete one character at a time.

"CLR": Clear entire characters.

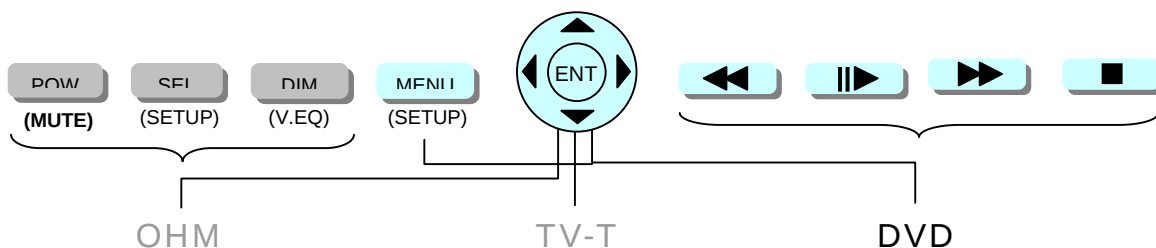
"OK": Confirm source name and exit from character setting menu.

c. DIMMER BUTTON

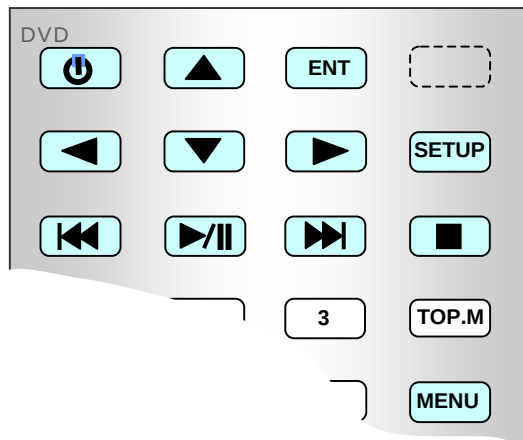
- ❑ Press DIMMER Key Button, it shows the DIMMER LEVEL OSD. Press this button to cycle through the OSD as HIGH, MID, LOW and HIGH. (Default: HIGH)
- ❑ Press and Hold DIMMER Key Button, it shows the VISUAL EQ OSD. To change the VISUAL EQ, press DIMMER Key button or using Up and Down directional keys to cycle through the OSD as FLAT, NIGHT MOVIE, SOFT, SHARP, HIGHT CONT and FLAT. (Default: SHARP)

2. DVD PLAYER CONTROL: Front Key Control and Remote Control

Please refer to ALPINE DVD Player/ALPINE DVD Changer/ALPINE DVD Head Unit Operation Manual in detail.



REMOTE CONTROL



a. MENU Button

MENU I

Front Key Control

- ❑ Press MENU Key Button, it shows the DVD Menu. To control them, uses 4 directional keys and ENT key.
- ❑ Press and Hold MENU Key Button, it shows the DVD SETUP Menu. To control them, uses 4 directional keys and ENT key.

Remote Control

MENU

SETUP

- ❑ Press MENU Key Button, it shows the DVD Menu. To control them, uses 4 directional keys and ENT key.
- ❑ When DVD is stopped. Press SETUP Key Button, it shows the DVD SETUP Menu. To control them, uses 4 directional keys and ENT key.

b. PLAY and PAUSE button



- ❑ Press this button, it plays movie or music. Press this button again it pauses.

c. STOP button

- ❑ Press this button, it stops movie and screen shows “PRE-STOP”. Press this button one more time screen shows “STOP”.

d. SKIP FORWARD Button

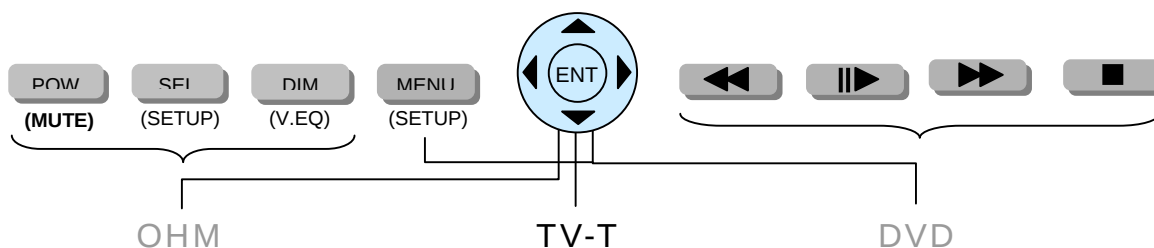
- ❑ Press this button, it skips forward the chapter or track.
- ❑ Press and Hold this button, it fast forward movie or music.

e. SKIP BACKWARD Button

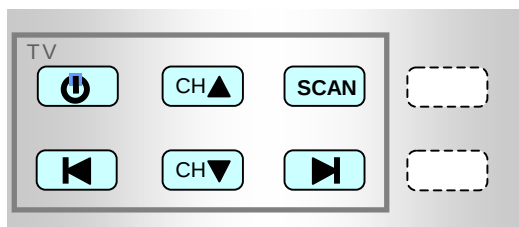
- ❑ Press this button, it skips backward the chapter or track.
- ❑ Press and Hold this button, it fast backward movie or music.

3. TV TUNER CONTROL: Front Key Control and Remote Control

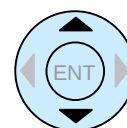
Please refer to ALPINE TV Tuner (Model No.TUE-T151) Operation Manual in detail.



REMOTE CONTROL

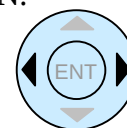


a. PRESET CH UP/DOWN Button



- ❑ Press this button, Channel Up and Down for Preset channel by SCAN.

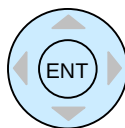
b. MANUAL/SEEK UP/DOWN Button



- ❑ Press this button, Channel moves UP or DOWN one by one.
- ❑ Press and Hold this button, Channel Seek will start and stop when next higher or lower available CH is found.

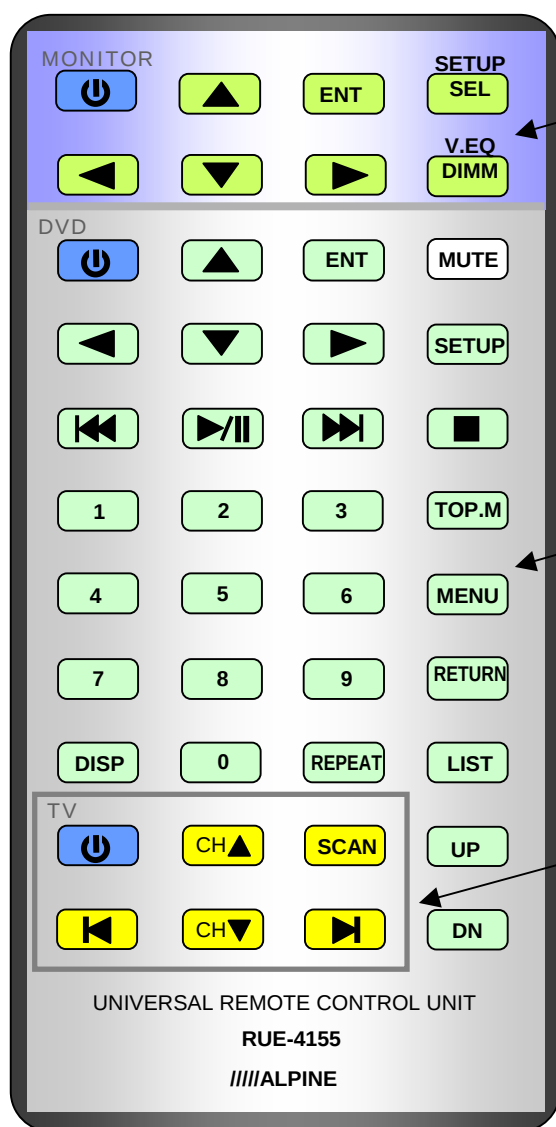
c. SCAN button

SCAN



- SCAN memorizes only receivable channel in entire channel.

Universal Remote Control

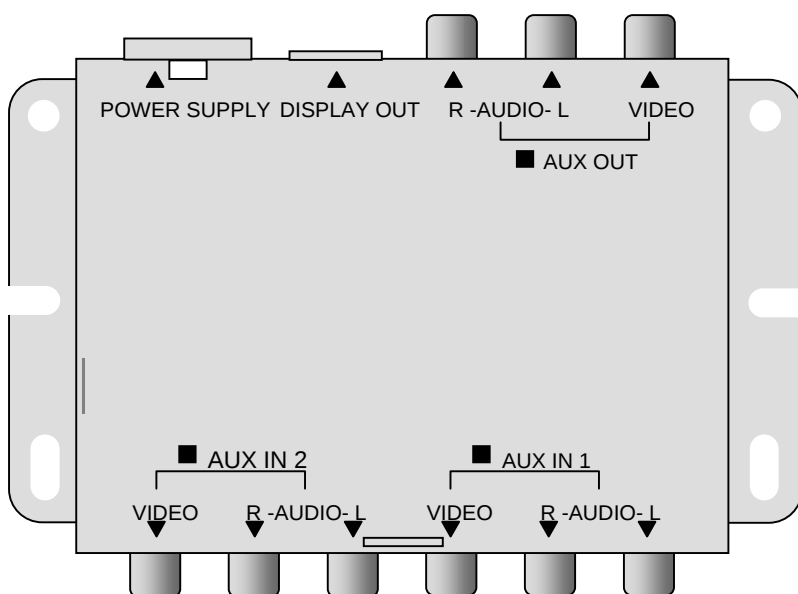
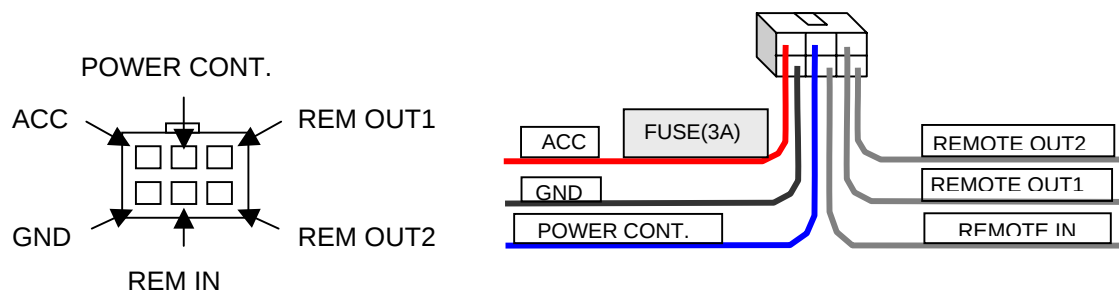


TMX-R1000/R1000P
Overhead Monitor
Control

Alpine DVD
Player Control
(Refer to DVE-5210 or
5207 Owner's Manual)

Alpine TV-Tuner
Control
(Refer to TUE-T151
Owner's Manual)

Power Connections

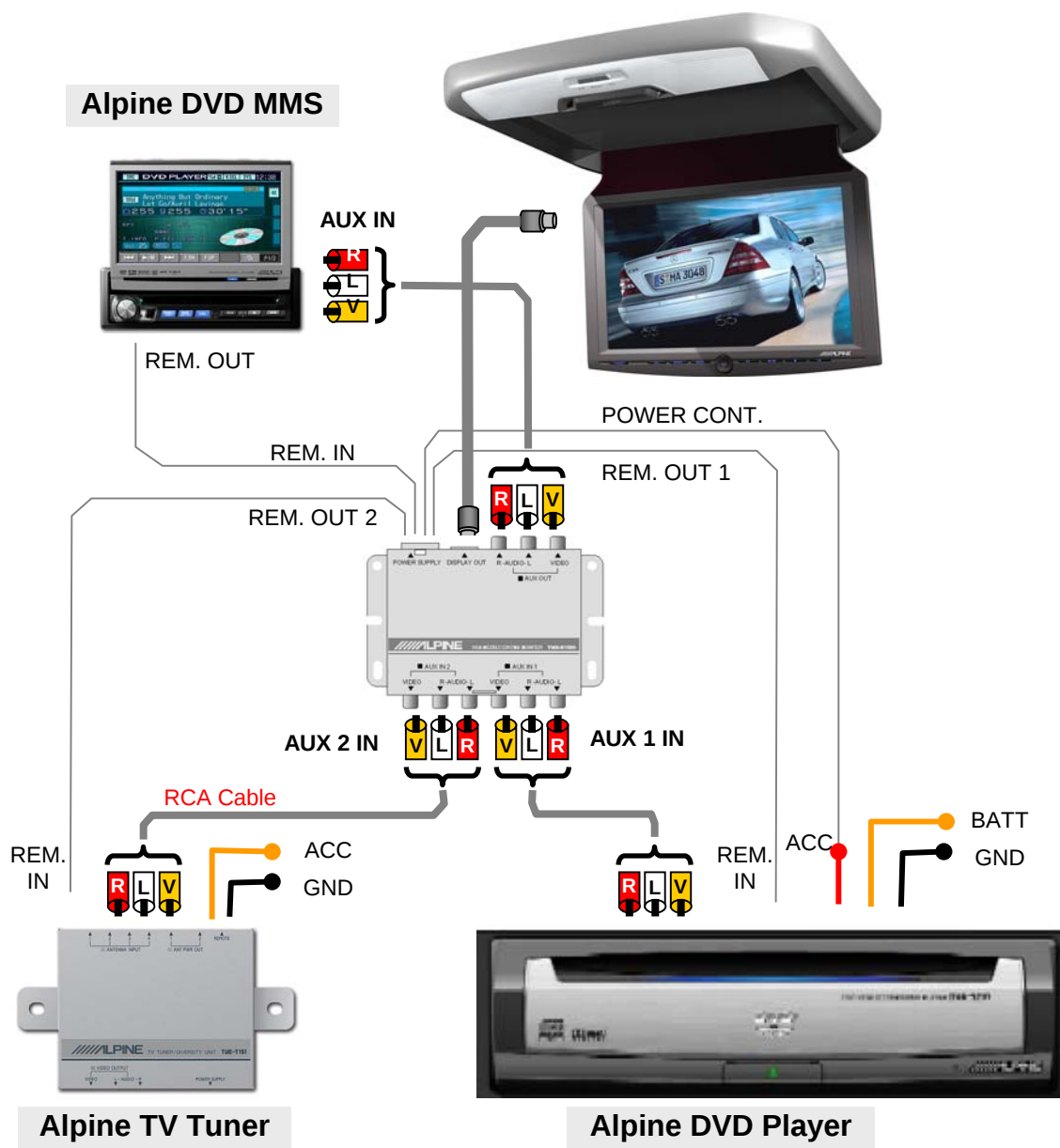


SIGNAL NAME	WIRE COLOR
ACC	RED
GND	BLACK
POWER CONT	BLUE/WHITE
REMOTE OUT1	WHITE/BROWN
REMOTE OUT2	WHITE/BROWN
REMOTE IN	WHITE/BROWN

- ACC (Color: Red)
Connect this line to Vehicle's ACC line.
- GND (Color: Black)
Connect this line to Vehicle's Ground.
- POWER CONT (Color: Blue/White)
Connect this line to ALPINE DVD Player's ACC Line (Color: Red).
- REMOTE OUT 1 (Color: White/Brown)
Connect this line to ALPINE DVD Player, TV-Tuner or DVD-HU Remote In.
- REMOTE OUT 2 (Color: White/Brown)
Connect this line to ALPINE DVD Player, TV-Tuner or DVD-HU Remote In.
- REMOTE IN (Color: White/Brown)
Connect this line to ALPINE LCD Monitor Remote Out.

System Connection

(Example: DVD Player + TV Tuner + MM Station)



Dome light Connection

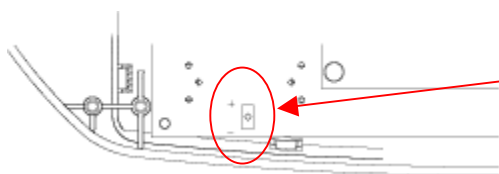
ON: Always ON

OFF: Always OFF

DOOR: ON when door is opened
OFF when door is closed

Note: DOOR signal has 2 types depend on vehicle

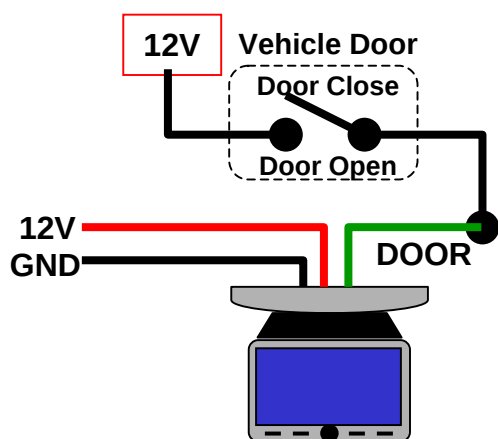
- ❑ Polarity +: When door open, door signal is 12V
- ❑ Polarity -: When door open, door signal is GND



Polarity change switch locates backside of the unit

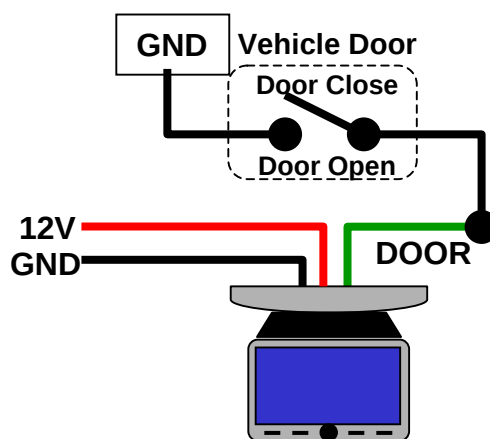
Polarity +

When door open → Door line is 12V



Polarity -

When door close → Door line is GND



Specifications

Video Display System.....	NTSC/PAL	Compatibility
Display Screen.....	Size	10.2 inches, 6.07”(W) x 3.43”(H)
	Aspect Ratio	16:9
	Type	Transparent type TN Liquid Crystal Display
	System	TFT-LCD, Active Matrix
	Element	10.2”, 800(W) x 480(H) x 3 1.152M pixels
Back Light.....	Cold Cathode Fluorescent Lamp	
Power Requirement.....	14.4 VDC (11 – 16 VDC allowable)	
Video Input (DIN).....	1.0V p-p 75ohm	
Audio Input (DIN).....	2.0V rms (max)	
Operating Temperature.....	+32 °F to +113 °F (-10 °C to + 60 °C)	
Dimensions..... (Monitor)	287mm (D) x 286mm (W) x 36mm (H)	
	(AV Box)	92[112]mm (D) x 70[83]mm (W) x 20mm (H)
Weight.....	1.5 kg	

Accessories

RUE-4155 Universal Remote Control.....	x 1
SHS-N100 Single Source Wireless IR Headphone.....	x 1
Hideaway AV Box	x 1
DIN Cable (8 pin / 5m)	x 1
Power Supply Connector.....	x 1
Installation Bracket.....	x 1
Trim Ring.....	x 1
AAA Batteries.....	x 2
Screws..... (for Installation Bracket)	x 6
	(for Trim Ring) x 9

NOTES: Due to continuous product improvements, specifications and design are subject to change without notice.

The LCD panel is manufactured using an extremely high precision manufacturing technology. Its effective pixel ratio is over 99.99%. This means that 0.01% of the pixels could be either always ON or OFF.

FEDERAL COMMUNICATIONS COMMISSION

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20cm (8 inches) during normal operation.