//////ALPINE®

PKG-1000P

Rear Seat Entertainment Package
Système de divertissement pour les sièges arrière
Paquete de entretenimiento para asientos traseros
Entertainment-Paket für den Rücksitz
Sistema di intrattenimento per sedili posteriori
Underhållningspaket för baksäte

- OWNER'S MANUAL
  Please read before using this equipment.

- MODE D'EMPLOI
  Veuillez lire avant d'utiliser cet appareil.

- MANUAL DE OPERACIÓN
  Léalo antes de utilizar este equipo.

- BEDIENUNGSANLEITUNG
  Bitte vor Gebrauch des Gerätes lesen.

- MANUALE DI ISTRUZIONI
  Si prega di leggere il manuale prima di usare il sistema.

- HANDBOK
  Läs denna handbok innan du använder utrustningen.

PKG-1000P
Rear Seat Entertainment Package
- TMX-R1000P (VGA MOBILE CINEMA MONITOR)
- SHS-N100 (SINGLE SOURCE IR HEADPHONE)
- RUE-4155 (UNIVERSAL REMOTE CONTROL)
- INSTALLATION BRACKET
- TRIM RING

PKG-1000P
Système de divertissement pour les sièges arrière
- TMX-R1000P (MONITEUR CINÉMA MOBILE VGA)
- SHS-N100 (CASQUE IR À UNE SOURCE UNIQUE)
- RUE-4155 (TÉLÉCOMMANDE UNIVERSELLE)
- SUPPORT DE FIXATION
- BAGUE DE GARNITURE

PKG-1000P
Paquete de entretenimiento para asientos traseros
- TMX-R1000P (MONITOR VGA DE CINE MÓVIL)
- SHS-N100 (AURICULARES SENCILLOS POR INFRARROJOS)
- RUE-4155 (MANDO A DISTANCIA UNIVERSAL)
- SOPORTE DE INSTALACIÓN
- ANILLO DE COLOCACIÓN

PKG-1000P
Entertainment-Paket für den Rücksitz
- TMX-R1000P (MOBILER VGA-CINEMA-MONITOR)
- SHS-N100 (SINGLE-SOURCE-IR-KOPFHÖRER)
- RUE-4155 (UNIVERSALFERNBEDIENUNG)
- MONTAGEWINKEL
- ANPASSUNGSRING

PKG-1000P
Sistema di intrattenimento per sedili posteriori
- TMX-R1000P (MONITOR MOBILE VGA PANORAMICO)
- SHS-N100 (CUFFIE IR A SORGENTE SINGOLA)
- RUE-4155 (TELECOMANDO UNIVERSALE)
- SUPPORTO DI INSTALLAZIONE
- ANELLO ADATTATORE

PKG-1000P
Underhållningspaket för baksäte
- TMX-R1000P (VGA MOBIL BIOMONITOR)
- SHS-N100 (IR-HÖRLURAR, ENKEL KÄLLA)
- RUE-4155 (UNIVERSELL FJÄRRKONTROLL)
- INSTALLATIONSFÄSTE
- TRIMRING

Contents

Operating Instructions

Installation and Connections

1-EN

Operating Instructions

WARNINGS

⚠ WARNING

This symbol means important instructions.
Failure to heed them can result in serious injury or death.

DO NOT WATCH VIDEO WHILE DRIVING.
Watching the video may distract the driver from looking ahead of the vehicle and cause an accident.

DO NOT OPERATE ANY FUNCTION THAT TAKES YOUR ATTENTION AWAY FROM SAFELY DRIVING YOUR VEHICLE.
Any function that requires your prolonged attention should only be performed after coming to a complete stop. Always stop the vehicle in a safe location before performing these functions. Failure to do so may result in an accident.

KEEP THE VOLUME AT A LEVEL WHERE YOU CAN STILL HEAR OUTSIDE NOISE WHILE DRIVING.
Failure to do so may result in an accident.

MINIMIZE DISPLAY VIEWING WHILE DRIVING.
Viewing the display may distract the driver from looking ahead of the vehicle and cause an accident.

DO NOT DISASSEMBLE OR ALTER.
Doing so may result in an accident, fire or electric shock.

USE THIS PRODUCT FOR MOBILE 12V APPLICATIONS.
Use for other than its designed application may result in fire, electric shock or other injury.

KEEP SMALL OBJECTS SUCH AS BATTERIES OUT OF THE REACH OF CHILDREN.
Swallowing them may result in serious injury. If swallowed, consult a physician immediately.

DO NOT PLACE HANDS, FINGERS OR FOREIGN OBJECTS IN INSERTION SLOTS OR GAPS.
Doing so may result in personal injury or damage to the product.

USE THE CORRECT AMPERE RATING WHEN REPLACING FUSES.
Failure to do so may result in fire or electric shock.

DO NOT BLOCK VENTS OR RADIATOR PANELS.
Doing so may cause heat to build up inside and may result in fire.

INSTALL THE PRODUCT CORRECTLY SO THAT THE DRIVER CANNOT WATCH TV/VIDEO UNLESS THE VEHICLE IS STOPPED AND THE EMERGENCY BRAKE IS APPLIED.
It is dangerous (and illegal in many states) for the driver to watch the TV/Video while driving the vehicle. The driver may be distracted from looking ahead and an accident could occur. If the product is not installed correctly, the driver will be able to watch the TV/Video while driving the vehicle and may be distracted from looking ahead causing an accident. The driver or other people could be severely injured.

2-EN

⚠ CAUTION

This symbol means important instructions. Failure to heed them can result in injury or material property damage.

HALT USE IMMEDIATELY IF A PROBLEM APPEARS.

Failure to do so may cause personal injury or damage to the product. Return it to your authorized ALPINE dealer or the nearest ALPINE Service Center for repairing.

KEEP FINGERS OR ANY OBJECT AWAY WHEN CLOSING THE MONITOR.

Failure to do so may result in personal injury or damage to the product.

DO NOT MIX NEW BATTERIES WITH OLD BATTERIES. INSERT WITH THE CORRECT BATTERY POLARITY.

When inserting the batteries, be sure to observe proper polarity (+ and –) as instructed.
Rupture or chemical leakage from the battery may cause fire or personal injury.

⚠ PRECAUTIONS

Temperature

Be sure the temperature inside the vehicle is between +60°C (+140°F) and -10°C (+14°F) before turning your unit on.

Fuse Replacement

When replacing the fuse(s), the replacement must be of the same amperage as shown on the fuse holder. If the fuse(s) blows more than once, carefully check all electrical connections for shorted circuitry. Also have your vehicle's voltage regulator checked.

Maintenance

If you have problems, do not attempt to repair the unit yourself. Return it to your ALPINE dealer or the nearest ALPINE Service Station for servicing.

Installation Location

Make sure the TMX-R1000P will not be exposed to:
*   Direct sun and heat
*   High humidity
*   Excessive dust
*   Excessive vibrations

Characteristics of LCD Panel

*   After turning the system off, a slight ghost of the image will remain temporarily. This is an effect peculiar to LCD technology and is normal.
*   Under cold temperature conditions, the screen may lose contrast temporarily. After a short warm-up period, it will return to normal.
*   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.

Using Wireless Headphones

If ACC or the monitor's power source is turned off, a loud noise is produced through the headphones. Be sure to remove the wireless headphones from your ears before you turn the monitor off.

3-EN

Monitor Features

Features

The ALPINE TMX-R1000P provides the following

- 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 Panel Controls (OHM / DVD / DVD-HU / TV Tuner)
- Visual EQ (FLAT, NIGHT MOVIE, SOFT, SHARP, CONTRAST)
- Independent parameter setting on each AUX input (Picture/Visual EQ/Audio Input Level/Display Mode)
- 3 Level Dimmer (HIGH/MID/LOW)
- CH Selectable IR Transmitter for IR Headphones (A/B/OFF)
- DVD Power Control
- Customized OSD Source Name
- White LED Dome Light

Overhead Monitor

White LED Dome Light

Infrared Wireless Headphone Transmitter

LCD Monitor Panel

Back-Lit Function Button

Aux 3 Input

Monitor Open Button

Dome Light Switch

LCD Monitor Panel

This is a 10.2 inch, Wide VGA, Active Matrix LCD. In addition, an Infrared Wireless Headphone Transmitter is located on top of the LCD panel.

- *The power state of the monitor is memorized when Ignition/ACC is turned off. When Ignition/ACC is turned back on, the monitor returns to the power state memorized (either ON or OFF).*

Monitor Open Button

Press Monitor Open Button to release the Monitor Panel. The Panel will drop down slightly allowing you to fully open to its 90 degree or greater position. To close, firmly press the LCD Monitor Panel back up into the housing until a click is heard.

White LED Dome Light

White LED Dome Light connection has polarity. Be cautious when installing the monitor. Refer to Dome Light Connection (Page 16).

Back-Lit Function Buttons

Blue, back-lit function button illuminates when the overhead monitor main power is on. Overhead monitor, DVD player, DVD-HU and TV tuner can be controlled by using these buttons.

Remote Control

TMX-R1000P Overhead Monitor Control

ALPINE DVD Player Control (Refer to DVA-5210 or DVE-5207 Owner's Manual)
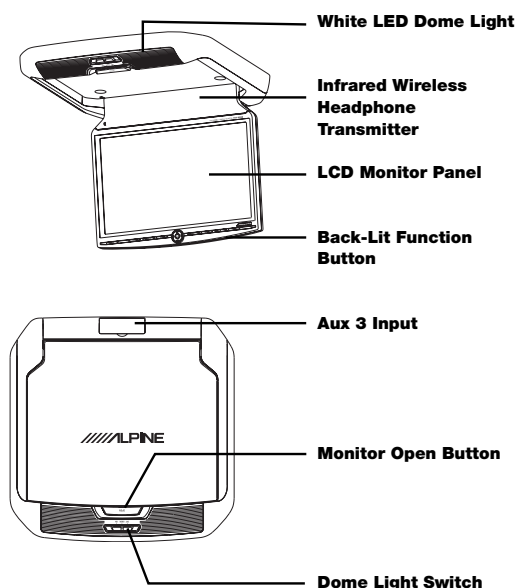
ALPINE TV-Tuner Control (Refer to ALPINE TV-Tuner Owner's Manual)
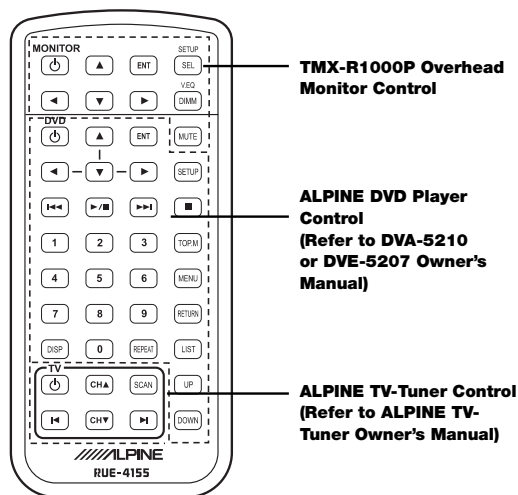
When you use Remote Control for the first time, pull the plastic tape before using the remote control.

Overhead Monitor Control

POWER SELECT DIMMER

Front Panel Controls

POWER

MONITOR   SETUP
(⏻) (▲) (ENT) (SEL) ——— **SELECT**
         V.EQ
(◄) (▼) (►) (DIMM) ——— **DIMMER**

(MUTE) ——— **MUTE**

Remote Control

Screen Display ON/OFF

Front Panel Controls

1 Press **POWER** to turn ON.

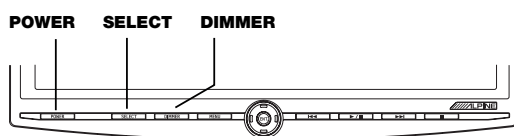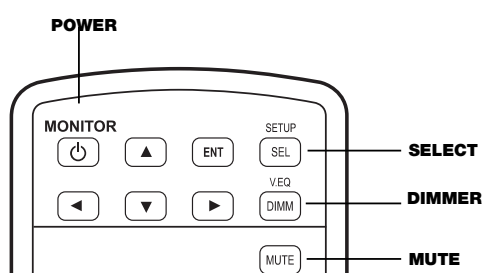**2** To turn off the power, press and hold **POWER** again.

• *While the power is ON, press **POWER** to activate the Mute function.*

Remote Control

1 Press **POWER** to turn ON.

2 To turn off the power, press **POWER** again

Audio Mute Function

Front Panel Controls

1 While the power is ON, press **POWER** to activate the Mute function.

2 Press **POWER** again turn it OFF the Mute function.

Remote Control

**Press MUTE to turn it ON and OFF.**

Adjusting the Volume

Volume can be controlled from the headphone or your own radio volume function.

1 Turn on **POWER** on the headphone.

2 Adjust the volume level by turning clockwise for louder and counter-clockwise for lower on the headphone.

Refer to Wireless Headphone (Page 11)

Switching the Source

1 Press **SEL** on the remote control or **SELECT** on the Front Panel Controls to change each source.

2 Press **SEL/SELECT** to switch to the different sources.

```
┌→ AUX1 ──→ AUX2 ──→ AUX3 ─┐
│   (DVD)    (TV)    (GAME)  │
└────────────────────────────┘
```
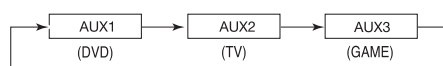
• *Inside ( ) is default setting. The source name is selectable. When it is OFF, the source will be skipped.*
• *OSD (On Screen Display) will be turned off automatically, when not operating more than 10 seconds.*

Setting the Backlight Brightness

The brightness of the LCD panel's backlighting is adjustable to more closely match the vehicle's interior lighting. This makes the screen easier to view.

1 Press **DIMMER**.

2 Press **DIMMER** to cycle through the OSD as HIGH, MID, LOW and HIGH. (Default: HIGH)

```
┌→ HIGH ──→ MID ──→ LOW ─┐
└──────────────────────────┘
```
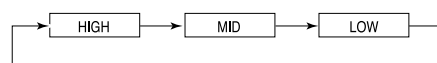
Adjusting Picture

Brightness, color, tint, contrast and sharpness can be adjustable.
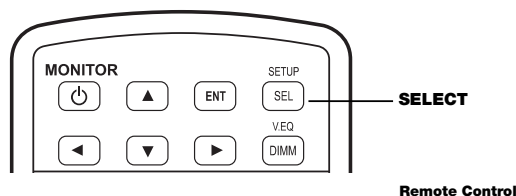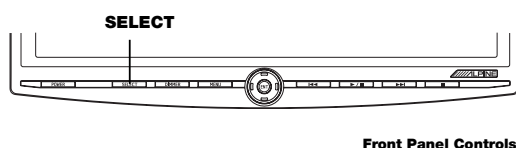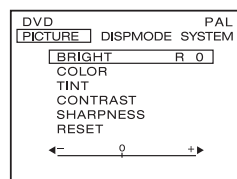
- *Each source can be adjustable individually.*
- *Adjusting should be made within 10 seconds, otherwise OSD (On Screen Display) will be automatically turned off.*
- *When the adjustment is made, "FLAT" setting in Visual EQ changes to "CUSTOM". After reset, "CUSTOM" changes back to "FLAT"*

1 **Press and hold the SELECT button for at least 2 seconds to open SETUP screen. Make sure the PICTURE display mode is selected.**
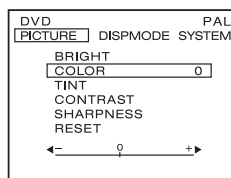
SELECT

Front Panel Controls

MONITOR | SETUP
⏻ ▲ ENT SEL ← **SELECT**

V.EQ
◄ ▼ ► DIMM

Remote Control

Adjusting Brightness

2 **Press ▲ or ▼ and select BRIGHT.**

3 **Press ◄ or ► to adjust the brightness. Brightness can be adjusted from –15 (MIN) to +15 (MAX).**

```
DVD                    PAL
PICTURE  DISPMODE  SYSTEM
   BRIGHT        R   0
   COLOR
   TINT
   CONTRAST
   SHARPNESS
   RESET
   ◄─      0      +►
```

4 **Press the ENT button to finish adjustments or wait 10 seconds until OSD disappears; the adjustment will be saved automatically.**
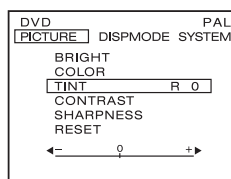
Adjusting Color Density

2 **Press ▲ or ▼ and select COLOR.**

3 **Press ◄ or ► to adjust the color density. Change depth can be adjusted from –15 (MIN) to +15 (MAX).**

```
DVD                    PAL
PICTURE  DISPMODE  SYSTEM
   BRIGHT
   COLOR             0
   TINT
   CONTRAST
   SHARPNESS
   RESET
   ◄─      0      +►
```

4 **Press ENT to finish adjustments or wait 10 seconds until OSD disappears; the adjustment will be saved automatically.**

Adjusting Tint

2 **Press ▲ or ▼ and select TINT.**

3 **Press ◄ or ► to adjust the tint. Tint tone can be adjusted from G15 (G MAX) to R15 (R MAX).**

```
DVD                    PAL
PICTURE  DISPMODE  SYSTEM
   BRIGHT
   COLOR
   TINT          R   0
   CONTRAST
   SHARPNESS
   RESET
   ◄─      0      +►
```

4 **Press ENT to finish adjustments or wait 10 seconds until OSD disappears; the adjustment will be saved automatically.**

Adjusting Contrast

2 **Press ▲ or ▼ and select CONTRAST.**

3 **Press ◄ or ► to adjust the contrast. Contrast can be adjusted from –15 (LOW) to +15 (HIGH).**

```
DVD                    PAL
PICTURE  DISPMODE  SYSTEM
   BRIGHT
   COLOR
   TINT
   CONTRAST          0
   SHARPNESS
   RESET
   ◄─      0      +►
```

4 **Press ENT to finish adjustments or wait 10 seconds until OSD disappears; the adjustment will be saved automatically.**
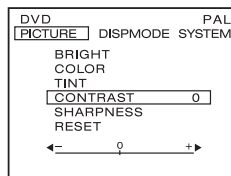
6-EN

Adjusting Sharpness

2 Press ▲ or ▼ and select SHARPNESS.

3 Press ◄ or ► to adjust the screen quality. Screen quality can be adjusted from -15 (SOFT) to +15 (HARD).

```
DVD                    PAL
 PICTURE   DISPMODE  SYSTEM
     BRIGHT
     COLOR
     TINT
     CONTRAST
    SHARPNESS    – 2
     RESET

  ◄—     0     —►
```
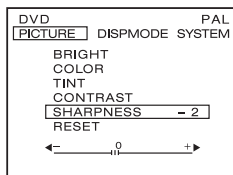
4 Press **ENT** to finish adjustments or wait 10 seconds until OSD disappears; the adjustment will be saved automatically.
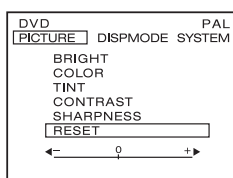
Resetting the Picture Adjustment

2 Press ▲ or ▼ and select RESET.

```
DVD                    PAL
 PICTURE   DISPMODE  SYSTEM
     BRIGHT
     COLOR
     TINT
     CONTRAST
     SHARPNESS
     RESET

  ◄—     0     —►
```

3 Press **ENT** to reset the picture adjustments.

• *If you do not press ENT within 10 seconds, OSD disappears and the reset adjustments will not be saved.*

Switching Display Modes

Display mode on the screen can be adjusted to Wide, Zoom, Cinema and Normal.

• *Each source can be adjustable individually.*
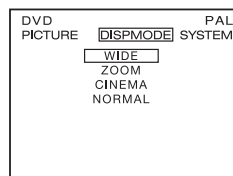• *Adjusting should be made within 10 seconds, otherwise OSD (On Screen Display) will be automatically turned off.*
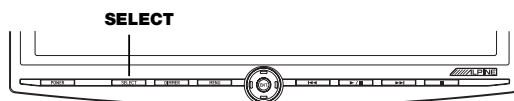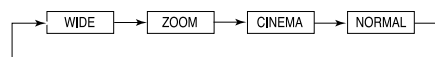
SELECT

Front Panel Controls
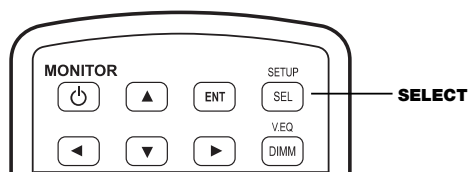
SELECT

Remote Control

1 Press and hold **SELECT** for at least 2 seconds to show the SETUP menu.

2 Press **SELECT** to switch to DISP MODE from PICTURE. To change each mode, press ▲ or ▼.

```
DVD                    PAL
PICTURE   DISPMODE  SYSTEM
            WIDE
            ZOOM
           CINEMA
           NORMAL
```

Each press changes the display modes as follows:

WIDE → ZOOM → CINEMA → NORMAL

WIDE
Normal images are expanded uniformly in the horizontal direction and are displayed over the entire screen.

ZOOM
Normal images are expanded in the horizontal direction and are displayed over the entire screen. The expansion ratio increases towards the right and left edges of the screen.

CINEMA
Normal images are expanded in the horizontal and vertical directions. The top and bottom of the image are cut off. This mode is suited for 16:9 cinema size images.


NORMAL

Normal image (4:3)

3 Press the **ENT** button to finish adjustments or wait 10 seconds until OSD disappears; the adjustment will be saved automatically.
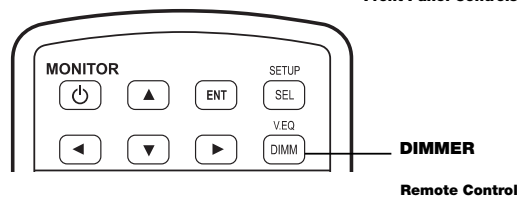
7-EN

VISUAL EQ Operation

You can select a mode suitable for the subject image.

- *Each source can be adjustable individually.*
- *Adjusting should be made within 10 seconds, otherwise OSD (On Screen Display) will be automatically turned off.*
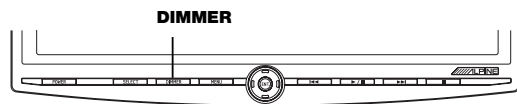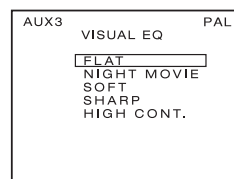
DIMMER

Front Panel Controls

DIMMER

Remote Control

1 Press and hold **DIMMER** for at least 2 seconds to show the VISUAL EQ OSD.

2 To change VISUAL EQ, press **DIMMER** or press ▲ or ▼ to cycle through the OSD as **FLAT, NIGHT MOVIE, SOFT, SHARP, HIGHT CONT,** and **FLAT. (Default: SHARP)**

```
AUX3                    PAL
     VISUAL EQ
    ┌──────────┐
    │ FLAT     │
    │ NIGHT MOVIE
     SOFT
     SHARP
     HIGH CONT.
```

VISUAL EQ mode (manufacturer's settings) selection (VISUAL EQ MODE)

FLAT: Normal Setting (Visual EQ OFF)
NIGHT MOVIE: Suitable for movies in which dark scenes frequently appear.
SOFT: Suitable for CGs and animated films.
SHARP: Suitable for old movies where images are not clearly shown.
CONTRAST: Suitable for recent movies.

- *"FLAT" will change to "CUSTOM", when any of the picture mode (Brightness, Color, Tint, Contrast and Sharpness) has been adjusted*

- *NIGHT MOVIE, SOFT, SHARP and CONTRAST are fixed values. They cannot be set manually. If the picture mode is changed, they automatically change to CUSTOM mode.*

- *To return FLAT mode, press RESET on the picture mode, or change values of BRIGHT, COLOR, TINT, CONTRAST and SHARPNESS to 0 manually.*

3 Press **ENT** to finish adjustments or wait 10 seconds until OSD disappears; the adjustment will be saved automatically.
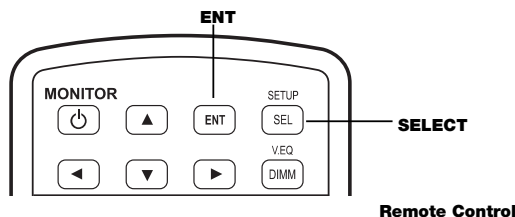
8-EN

System Setup Operation

IR transmitter, source names and Audio levels can be adjusted for all available sources.

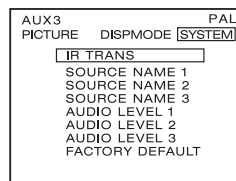• *Once this adjustment is made, all sources are affected.*
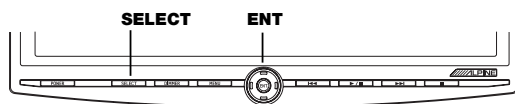
SELECT   ENT

Front Panel Controls

ENT

MONITOR   SETUP
⏻   ▲   ENT   SEL   SELECT

V.EQ
◀   ▼   ▶   DIMM

Remote Control

1 Press and hold **SELECT** for at least 2 seconds to show the SETUP menu.

2 Press **SELECT** twice to switch to SYSTEM screen.

```
AUX3                    PAL
PICTURE   DISPMODE  SYSTEM
  IR TRANS
  SOURCE NAME 1
  SOURCE NAME 2
  SOURCE NAME 3
  AUDIO LEVEL 1
  AUDIO LEVEL 2
  AUDIO LEVEL 3
  FACTORY DEFAULT
```

3 Press ▲ or ▼ to change each mode

IR TRANS:
Press ◀ and ▶ to select A/B/OFF. (Default: A)

SOURCE NAME 1:
Press ◀ and ▶ to select AUX1/DVD/DVD-HU/TV/GAME/USER (Default: DVD)

SOURCE NAME 2:
Press ◀ and ▶ to select AUX2/DVD/DVD-HU/TV/GAME/USER/OFF* (Default: TV)

SOURCE NAME 3:
Press ◀ and ▶ to select AUX3/GAME/USER/OFF* (Default: GAME)

• *When OFF is selected, source selection skips to the next input. (AUX1 cannot be turned OFF.)*

AUDIO LEVEL 1 (Setting for Aux1):
Press ◀ and ▶ to select HIGH/MID/LOW. (Default: HIGH)

AUDIO LEVEL 2 (Setting for Aux2):
Press ◀ and ▶ to select HIGH/MID/LOW. (Default: HIGH)

AUDIO LEVEL 3 (Setting for Aux3):
Press ◀ and ▶ to select HIGH/MID/LOW. (Default: HIGH)
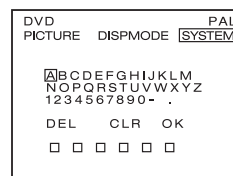
FACTORY DEFAULT:
Press **ENT** Key, the system changes to Factory Default System Setting. Entire settings include Picture, Visual EQ, Display Mode are also reset.

Customizing Source Name

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

4 Press ◀ and ▶ to select USER.

5 Press **ENT** key. Character setting menu appears.

6 Press ▲ ▼ ◀ ▶ and **ENT** key to select the character "A-Z", "0-9", "-", space and ".".

"DEL":   Delete one character at a time.
"CLR":   Clear entire characters.
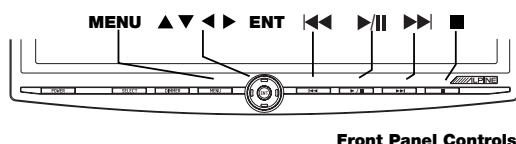"OK":   Confirm source name and exit from character setting menu.

• *This setting will not disappear until selecting OK to exit the screen.*

```
DVD                     PAL
PICTURE   DISPMODE  SYSTEM

 ABCDEFGHIJKLM
 NOPQRSTUVWXYZ
 1234567890-  .

 DEL    CLR   OK

 □  □  □  □  □  □
```
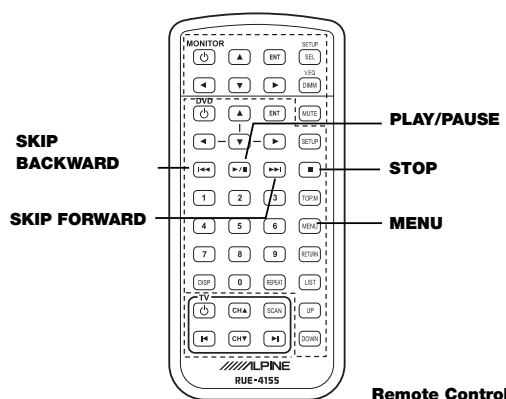
DVD Player Control

To control the DVD player and DVD-HU from the Front Panel Controls, set source names to DVD and DVD-HU in the System Setup.

- *Refer to ALPINE DVD Player/DVD Changer/DVD Head Unit Operation Manual for details.*

MENU ▲ ▼ ◄ ► ENT |◄◄ ►/‖ ►►| ■

Front Panel Controls

SKIP BACKWARD

SKIP FORWARD

PLAY/PAUSE

STOP

MENU

RUE-4155

Remote Control

Remote Control RUE-4155 cannot be used for ALPINE DVD Head Unit. It is for DVD player only. To control the DVD Head Unit, use the remote control included in DVD Head Unit or ALPINE universal remote control RUE-4191.

Playing and Pausing

Press ►/‖ to play movie or music. Press ►/‖ again to pause.

Stopping

Press ■ to stop movie. "PRE-STOP" appears on the screen by single click. Press ■ one more time, "STOP" appears on the screen.

Skipping Forward

Press ►►| to skip ahead to the next chapter or track. Press and hold ►►| to fast forward movie or music.

Skipping Backward

Press |◄◄ to skip back to the previous chapter or track. Press and hold |◄◄ to fast reverse movie or music.

Selecting Menu

Front Panel Controls

Press **MENU** to show the DVD Menu. Use ▲ ▼ ◄ ► and **ENT** to control.

Press and Hold **MENU** to show the DVD SETUP Menu. Use ▲ ▼ ◄ ► and **ENT** to control.

Remote Control

Press **MENU** to show the DVD Menu. Use ▲ ▼ ◄ ► and **ENT** to control.
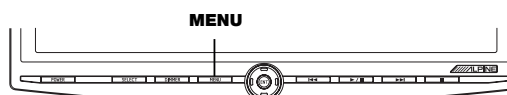When DVD is stopped, press **SETUP** to show the DVD SETUP Menu. Use ▲ ▼ ◄ ► and **ENT** to control.

DVD Setup Operation

The following is common for changing the settings of ALPINE DVD players.
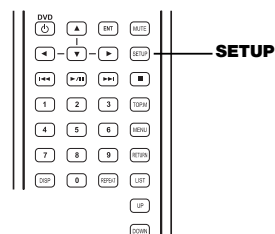- *Refer to the specific ALPINE DVD Player/DVD Changer/DVD Head Unit Operation Manual for more detailed information.*

Front Panel Controls

MENU

While in stop mode, press and hold **MENU** for at least 2 seconds. **MENU** on Front Panel Controls can be used for DVD Changer and DVD Head Unit ONLY, not for DVD Player
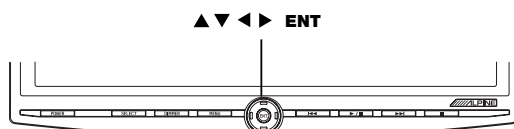
The setup menu appears on the monitor.

Remote Control

SETUP

Press **SETUP** when in stop mode.
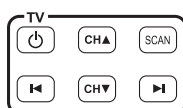
The setup menu appears on the monitor.

10-EN

TV Tuner Control

To control TV tuner from the Front Panel Controls, set source name to TV in the System Setup.

- *Refer to ALPINE TV Tuner Operation Manual for details.*

▲ ▼ ◀ ▶ **ENT**

Front Panel Controls

Remote Control

Selecting Preset Channel

Press **CH ▲** or **CH ▼** to select preset channel memorized by **SCAN** on the remote control or **ENT** on the Front Panel Controls.

Seeking Channel Manually

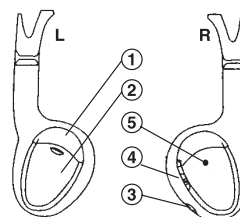**Press ◀ or ▶ to seek Channel manually.**

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

Memorizing Channel

Press **SCAN** on the remote control or **ENT** on the Front Panel Controls to memorize the receivable channels in the entire TV broadcast band.

Wireless Headphone

Headphone Receivers

1) Infrared Sensors; Receive signal from the transmitter.
2) Battery Cover
3) Volume Control
4) Power Switch
5) Power Indicator LED

Operation

Read carefully to prevent damage to the headphone or your ears:

WARNING: Before turning on the power, remove headphones and turn the volume down as low as possible.

1) Be sure the batteries are properly installed in the headphones.
2) Turn the headphones volume completely down before placing it on your ears and turning on the power.
3) Turn on the headphone power and adjust the headphone volume to a comfortable level (You can increase the audio source volume if needed).

Battery Installation

Place two AAA batteries into the battery compartment of the headphone(s), making sure that the battery polarity is correct.

11-EN
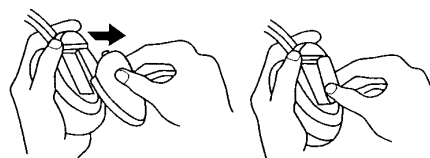
Information

In Case of Difficulty

If you encounter a problem, please review the items in the following checklist. This guide will help you isolate the problem if the unit is at fault. Otherwise, make sure the rest of your system is properly connected or consult your authorized ALPINE dealer.

No function or display.

- Car's ignition is off.
  - Turn the ignition on.
- No fuse or blown fuse.
  - Check the cause and replace the fuse.
- Incorrect connections.
  - Check connection and remedy.
- Vehicle's battery is weak.
  - Check the voltage of vehicle's battery.

No picture display.

- Brightness control is set for minimum brightness control.
  - Adjust the brightness.
- Incorrect setting of the mode.
  - Switch to the correct mode.
  - Check the connection to the source unit.
  - Check the power of the source unit.
- Incorrect or open connection with the Monitor, AV interface unit.
  - Check the connection and remedy.

Picture color is poor.

- Brightness/Color/Tint/Contrast/Sharpness control are not set to the proper positions.
  - Check each control.

Spots or dotted lines/stripes appear.

- Caused by neon signs, high-voltage power lines, CB transmitter, other vehicle's ignition plugs, etc.
  - Change the location of your vehicle.

Unit does not operate.

- Monitor's power is not turned on.
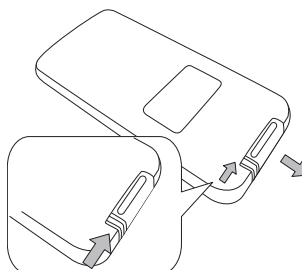 - Turn on the monitor's power.

> Due to continuous product improvement, specifications and design are subject to change without notice.

Remote Control Battery Replacement

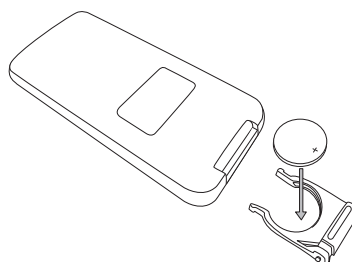Battery type: CR2025 battery or equivalent.

1 Opening the battery case

Slide out the battery cover while firmly pressing in the direction of the arrow.
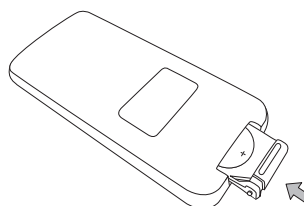
2 Replacing the battery

Put the battery in the case with the (+) indication upward as shown in the illustration.

- *Placing a battery in backwards way may cause a malfunction.*

3 Closing the cover

Slide the cover as illustrated until a click is heard.
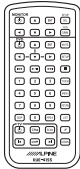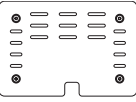
Warning

DO NOT OPERATE ANY FUNCTION THAT TAKES YOUR ATTENTION AWAY FROM SAFELY DRIVING YOUR VEHICLE.
Any function that requires your prolonged attention should only be performed after coming to a complete stop. Always stop the vehicle in a safe location before performing these functions. Failure to do so may result in an accident.

12-EN

Accessories

Check accessory parts.

DIN Cable (8 pin / 5m)	Power Supply Connector	Hideaway AV Box
X 1	X 1	X 1

RUE-4155 Universal Remote Control	SHS-N100 Single Source Wireless IR Headphone	Installation Bracket*1
X 1	X 1	X 1

Trim Ring*2	Screws (for Installation Bracket)	Screws (for Trim Ring)
X 1	X 4	X 9

AAA Battery	Battery , CR2025 (Included in Remote control)
X 2	X 1

10.2 inch WVGA LCD Monitor
X 1

Specifications

Video Display System   NTSC/PAL Compatibility

DISPLAY SCREEN

Size	10.2"
Width	221mm (8.70")
Height	132mm (5.20")
Aspect Ratio	16:9
Type	Transparent type TN Liquid Crystal Display
System	TFT-LCD, Active Matrix
Number of Elements	800(W) x 480(H) x 3 1.152M pixels (VGA)
Effective Number of Elements	99.9% or more
Back Light	Cold Cathode Fluorescent Lamp

GENERAL

Operating Voltage	10 – 16 V DC (Typical: 12V)
Power Consumption	1.12A (Power On) 140mA (Stand by)
Video Input	1.0V p-p 75ohm
Audio Input	2.0V rms (max)
IR Transmitter	CH A: 2.3MHz / 2.8MHz CH B: 3.2 MHz / 3.8MHz
Operating Temperature	+14 ˚F to +140 ˚F (-10 ˚C to + 60 ˚C)

MONITOR

Width	286 mm (11.26")
Height	36 mm (1.42")
Depth	287 mm (11.30")
Weight	1.6Kg (3lbs. 8.4 oz.)

AV BOX

Width	70[84] mm (2.76[3.31]")
Height	21 mm (0.83")
Depth	92[112] mm (3.62[4.41]")
Weight	220g (7.8 oz)

Installation of Bracket and Trim Ring

x 4

x 9
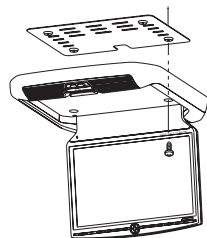
*1 Installation Bracket is used to stabilize the monitor at the time of installing the monitor. Ask ALPINE dealer for detail.
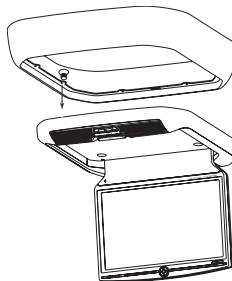
*2 Trim Ring is used to make the monitor suitable to your vehicles ceiling shape at the time of installing the monitor. Ask ALPINE dealer for detail.

Installation and Connections

Before installing or connecting the unit, please read the following and pages 2 and 3 of this manual thoroughly for proper use.

⚠ Warning

MAKE THE CORRECT CONNECTIONS.
Failure to make the proper connections may result in fire or product damage.

USE ONLY IN CARS WITH A 12 VOLT NEGATIVE GROUND.
(Check with your dealer if you are not sure.) Failure to do so may result in fire, etc.

BEFORE WIRING, DISCONNECT THE CABLE FROM THE NEGATIVE BATTERY TERMINAL.
Failure to do so may result in electric shock or injury due to electrical shorts.

DO NOT ALLOW CABLES TO BECOME ENTANGLED IN SURROUNDING OBJECTS.
Arrange wiring and cables in compliance with the manual to prevent obstructions when driving. Cables or wiring that obstruct or hang up on places such as the steering wheel, gear lever, brake pedals, etc. can be extremely hazardous.

DO NOT SPLICE INTO ELECTRICAL CABLES.
Never cut away cable insulation to supply power to other equipment. Doing so will exceed the current carrying capacity of the wire and result in fire or electric shock.

DO NOT USE BOLTS OR NUTS IN THE BRAKE OR STEERING SYSTEMS TO MAKE GROUND CONNECTIONS.
Bolts or nuts used for the brake or steering systems (or any other safety-related system), or tanks should NEVER be used for installations or ground connections. Using such parts could disable control of the vehicle and cause fire etc.

KEEP SMALL OBJECTS SUCH AS BATTERIES OUT OF THE REACH OF CHILDREN.
Swallowing them may result in serious injury. If swallowed, consult a physician immediately.

DO NOT INSTALL IN LOCATIONS WHICH MIGHT HINDER VEHICLE OPERATION, SUCH AS THE STEERING WHEEL OR GEARSHIFT.
Doing so may obstruct forward vision or hamper movement etc. and results in serious accident.

DO NOT DAMAGE PIPE OR WIRING WHEN DRILLING HOLES.
When drilling holes in the chassis for installation, take precautions so as not to contact, damage or obstruct pipes, fuel lines, tanks or electrical wiring. Failure to take such precautions may result in fire.

DO NOT INSTALL THE MONITOR NEAR THE PASSENGER SEAT AIR BAG.
If the unit is not installed correctly the air bag may not function correctly and when triggered the air bag may cause the monitor to spring upwards causing an accident and injuries.

⚠ Caution

HAVE THE WIRING AND INSTALLATION DONE BY EXPERTS.
The wiring and installation of this unit requires special technical skill and experience. To ensure safety, always contact the dealer where you purchased this product to have the work done.

USE SPECIFIED ACCESSORY PARTS AND INSTALL THEM SECURELY.
Be sure to use only the specified accessory parts. Use of other than designated parts may damage this unit internally or may not securely install the unit in place.
This may cause parts to become loose resulting in hazards or product failure.

ARRANGE THE WIRING SO IT IS NOT CRIMPED OR PINCHED BY A SHARP METAL EDGE.
Route the cables and wiring away from moving parts (like the seat rails) or sharp or pointed edges. This will prevent crimping and damage to the wiring. If wiring passes through a hole in metal, use a rubber grommet to prevent the wire's insulation from being cut by the metal edge of the hole.

DO NOT INSTALL IN LOCATIONS WITH HIGH MOISTURE OR DUST.
Avoid installing the unit in locations with high incidence of moisture or dust. Moisture or dust that penetrates into this unit may result in product failure.

Precautions

- Be sure to disconnect the cable from the (–) battery post before installing your TMX-R1000P. This will reduce any chance of damage to the unit in case of a short-circuit.
- Be sure to connect the color coded leads according to the diagram. Incorrect connections may cause the unit to malfunction or damage the vehicle's electrical system.
- When making connections to the car's electrical system, be aware of the factory installed components (e.g. on-board computer). Do not tap into these leads to provide power for this unit. When connecting the TMX-R1000P to the fuse box, make sure the fuse for the intended circuit of the TMX-R1000P has the appropriate amperage. Failure to do so may result in damage to the unit and/or the vehicle. When in doubt, consult your ALPINE dealer.
- The TMX-R1000P uses female RCA-type jacks for connection to other units having RCA connectors. You may need an adaptor to connect other units. If so, please contact your authorized ALPINE dealer for assistance.


IMPORTANT

Please record the serial number of your unit in the space provided below and keep it as a permanent record. The serial number plate is located on the rear of the monitor or on the bottom of the AV interface unit.

SERIAL NUMBER: _____
INSTALLATION DATE: _____
INSTALLATION TECHNICIAN: _____
PLACE OF PURCHASE: _____

14-EN

Power Connections

ALPINE's TMX-R1000P needs the following power connections to assure proper operation of the monitor.
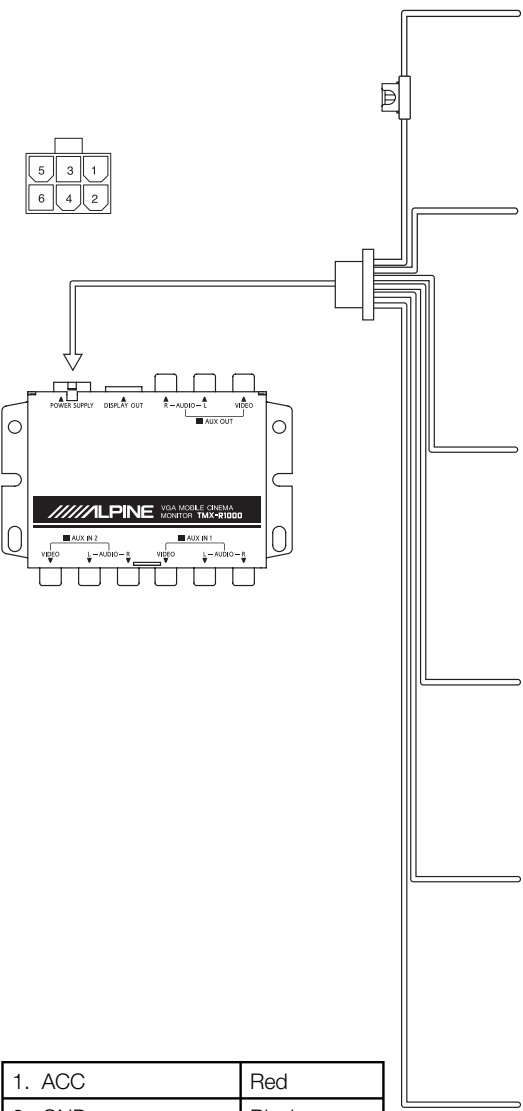
Red	**ACC**	Connect this line to the vehicle's ACC line. (Switched 12V, ignition)
Black	**GND**	Connect this line to the vehicle's GND line.
Blue/White	**POWER CONTROL**	Connect this line to the ALPINE DVD player's ACC line, which is red. It controls turning the power ON/OFF for the ALPINE DVD player only when AUX1 (source 1) is set to DVD.
White/Brown	**REMOTE OUT 1**	Corresponds to AUX1. To control ALPINE DVD player, TV tuner or DVD-HU, connect to each REMOTE IN.
White/Brown	**REMOTE OUT 2**	Corresponds to AUX2. To control ALPINE DVD player, TV tuner or DVD-HU, connect to each REMOTE IN.
White/Brown	**REMOTE IN**	To control ALPINE DVD player, TV tuner or DVD-HU from LCD monitor in the front area of the vehicle, connect this line to the ALPINE LCD monitor REMOTE OUT.

5	3	1
6	4	2

POWER SUPPLY   DISPLAY OUT   R ─ AUDIO ─ L   VIDEO
AUX OUT

/////ALPINE   VGA MOBILE CINEMA MONITOR TMX-R1000

AUX IN 2   VIDEO   L ─ AUDIO ─ R   AUX IN 1   VIDEO   L ─ AUDIO ─ R

1. ACC	Red
2. GND	Black
3. POWER CONTROL	Blue/White
4. REMOTE IN	White/Brown
5. REMOTE OUT 1	White/Brown
6. REMOTE OUT 2	White/Brown

15-EN

Dome Light Connection
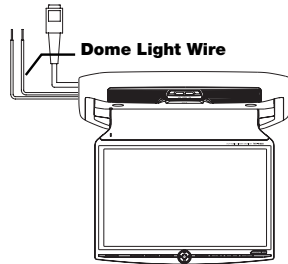
Dome Light Wire

Dome Light Wire

This wire connects the built-in Dome Light to the cable from the vehicle's Dome Light Switch.
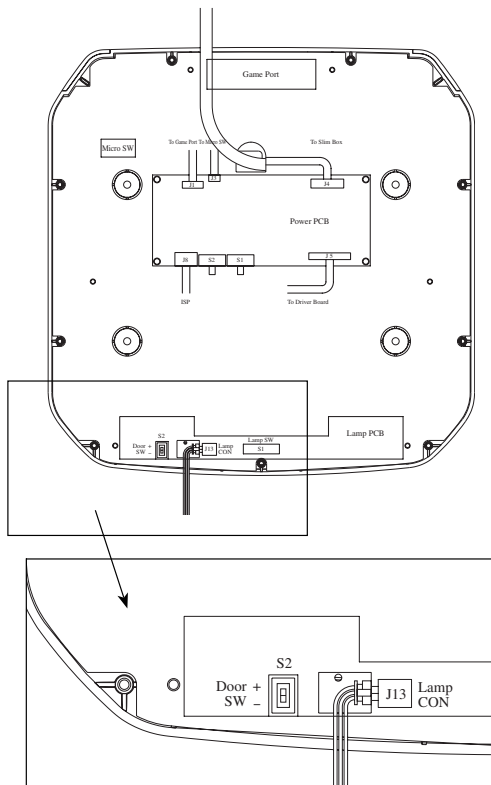
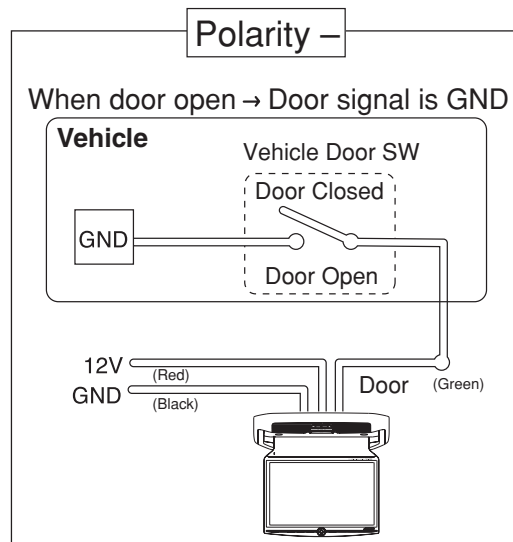Polarity change switch is located on the top surface that mounts into the headliner.

Vehicle Door polarity depends on the vehicle type. The polarity can be changed by the "Door SW polarity" switch. (Default: Negative Switched System)
    Polarity +: When door open, door signal is 12V
    Polarity -: When door open, door signal is GND

Polarity +

When door open → Door signal is 12V

Polarity –

When door open → Door signal is GND

System Connections

ALPINE Mobile Multimedia Station

ALPINE Mobile Cinema Monitor

AUX IN

REM. OUT

REM. IN

REM. OUT 2

POWER CONT.

REM. OUT1

Ⓐ

AUX OUT

AUX 2 IN

AUX 1 IN

Camcorder

OR

Game Player

REM. IN

ACC

BATT.

GND

ALPINE TV Tuner

REM. IN

GND

ACC

ALPINE DVD Player

	1. ACC	Red
	2. GND	Black
	3. POWER CONTROL	Blue/White
	4. REMOTE IN	White/Brown
Ⓐ	5. REMOTE OUT 1	White/Brown
	6. REMOTE OUT 2	White/Brown