////////ALPINE®

OWNER'S MANUAL

REARVISION

12.8 INCH WXGA MONITOR

PXH12X-R Series

REARVISION LINK   HDMI®   Plasmacluster

高濃度
プラズマクラスター 25000

✋ Basic Operation

Name of each part

PXH12X-R

- Power button
- Air outlet
- Update terminal (Usually not used)
- LCD monitor panel
- Air inlet

- White LED lamp LED coordinated light
- Monitor OPEN button
- Lamp switch
- Plasma cluster button / Plasma cluster indicator
- Remote control indicator (Blue LED)
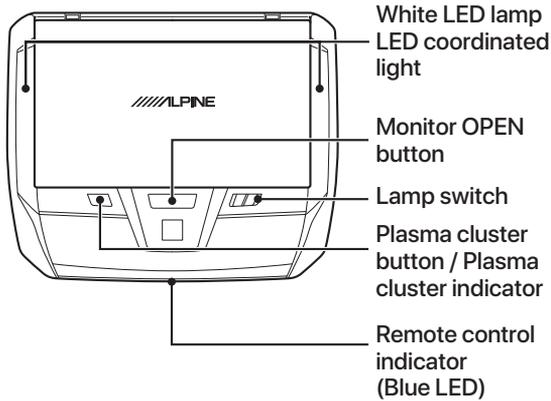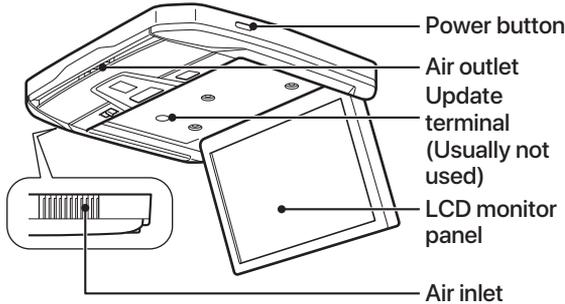
● **LCD Monitor Panel**

This panel is a 12.8-inch wide viewing angle wide XGA color liquid crystal display with LED backlight.

● **Power button**

Turns the monitor power ON/OFF.

Turn the power ON/OFF while the LCD monitor panel is open.

■ Memo
....
- When the engine is turned on, the device returns to the power state when the engine was turned OFF.

● **Monitor OPEN button**

This button opens the monitor.
When the monitor OPEN button is pressed, the panel is lowered slightly. From there, open it manually and use it at an appropriate angle. The monitor opens to 175°.
When closing, close the LCD monitor panel until the tabs click.

● **White LED room lamp**

This lamp is attached to the device.

■ Note
....
- The white LED lamp has a [+] and a [-] polarity connector. (See page xx for connection and other details)

● **LED coordinated light**

This LED light coordinates the vehicle interior. It operates when the engine key is ON. It is set by the remote control. (For details, see page 7)

● **Lamp switch**

This switches the lamp between ON/OFF/DOOR position.

■ Note
....
- The lamp can be turned on with the remote control.
  For more information, see "Operating the lamp" on page 3.

● **Remote control indicator**

The LED lights in response to the remote control signal.

■ Note
....
- It can be turn on with a remote control other than Alpine, but remote control operation cannot be performed.

● **Plasma cluster button**

This button switches between plasma cluster ON (weak) / ON (strong) / Turbo / OFF.

■ Note
....
- When this button is pressed, it switches in the order: ON (weak) / ON (strong) / Turbo / OFF. For more information, see "Plasma cluster ON/OFF" on page 3.

● **Plasma cluster indicator**

This shows the air volume and operating status of the plasma cluster.

👆 Basic Operation

Remote control

- When operating RearVision, set the slide switch down to the Monitor side.
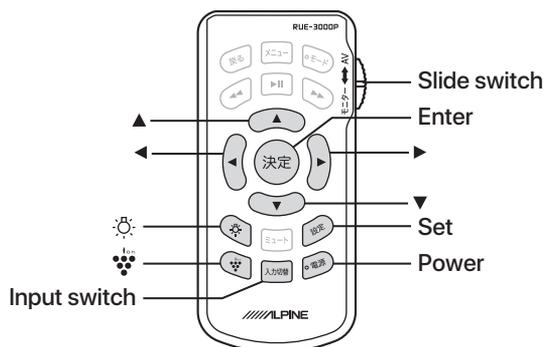
Slide switch	Switch between monitor and AV (switch to Monitor side)
Power	RearVision power ON / OFF
Set	Opens or closes the setting screen
▲ ▼ ◄ ►	Item selection for each setting
Enter	Enter the item selected for each setting
Input switch	Switches between HDMI/AUX (input 1)
☀	White LED room lamp lit * Works only when the room lamp switch is DOOR
🍇	Switch es plasma cluster operation (Weak → strong → turbo → OFF)

Power ON/OFF

Monitor

1 Press the Monitor OPEN button to open the panel and automatically turn on the power.

The power automatically turns off when the panel is closed.

2 With the panel open, press POWER { } on the side of the monitor to turn the power ON/OFF.

Remote control

1 Press the power button to turn on the power.

2 To turn off the power, press the power button again.

■ Notes
- When the monitor starts, the opening logo is displayed. (5 seconds)
- When the engine is turned off, this system will also be turned off.
- If the same image is displayed for a long time, that image may remain on other screens.
- After turning off the unit, a slight ghost image remains temporarily. This is an effect inherent to liquid crystal technology and is a normal phenomenon.
- Under low temperature conditions, the screen contrast may be temporarily lost. Do a short warm-up with the power on to return the screen contrast.

Operating the lamp

You can turn on the lamp with the remote control. This function is used when the lamp switch is set to "DOOR".

Turning on/off

1 Press ☼ on the remote control.

The lamp turns on. The lamp will turn off automatically after it has been on for a certain period of time. The lighting time can be selected in the system settings. See "LED light auto off time" on page 9 for details.

■ Notes

- The lamp cannot be operated with the remote control in the following cases.
  · When the engine is off
  · When the lamp switch is set to "DOOR" and the door is open
  · When the room lamp power supply is not connected
- If the engine is turned off while the lamp is on, the lamp remains on for the time set in "LED light auto off time" and then turns off.
- After pressing "☼" on the remote control when the lamp switch is on any setting other than DOOR, if the lamp switch is changed to DOOR, the lamp remains lit for the set time then turns off.
- When the lamp switch is set to DOOR and the door is open when the engine key is turned off, the lamp will turn off automatically by the protection function if it continues for one hour.

Plasma cluster ON/OFF

This button or the remote control button can be used to switch the plasma cluster between ON (weak) / ON (strong) / Turbo / OFF.

Monitor and remote control common operation

1 Press the Plasma Cluster button.

When this button is pressed, it switches in the order: ON (weak) / ON (strong) / Turbo / OFF. The color of the plasma cluster indicator changes according to the air volume.

Plasma cluster indicator color:

ON (weak)	: Green
ON (strong)	: Blue
Turbo	: Orange
OFF	: Not

■ Note

- If the engine key is turned off and the device is turned off, when the engine is turned ON again, operation will resume in the same mode as when the device was turned off.

Tips to use it well

When the car air conditioner air flow is used, high concentration ions can be effectively delivered by air flow.

■ Notes

- Operation noise may change due to start-up and vehicle voltage fluctuations.
- The timing to stop the fan motor may be delayed when the power is turned off; this is not a malfunction.
- There may be a noise like "jii, jii ..." but this is not an abnormal sound when plasma cluster ions are generated. (The interval between sounds may change.) Depending on the operating environment and the operation mode, the sound may seem louder or harder to hear, but the effect of plasma cluster ions does not change.

👆 Settings

Monitor settings

1 Press Set button on the remote control.
The item selection screen appears.

2 Press ▲ / ▼ to select "Image settings" and press ▶ to advance to each setting screen.
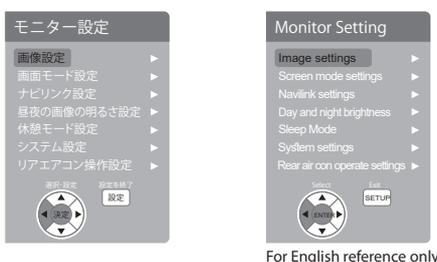
For English reference only

Image settings:
You can adjust the brightness and contrast of the image. (pages 4-5)

Screen mode settings:
Switches the display mode of the screen between full, wide 1, wide 2 and normal. (page 6)

Navilink settings:
Set the function when combined with the Alpine RearVision link compatible navigation. (page 7)

Day and night picture brightness settings:
You can switch the brightness of the backlight (LED) built into the LCD panel to make the screen easier to view. (page 8)

Sleep mode settings:
Sets it to automatically turn off the screen after a set time. (page 8)

System settings:
You can change the display of the source name and opening logo on the screen. (page 9)

Rear air conditioner operation setting (Alphard/Vellfire only):
If connecting a rear air conditioner control unit (sold separately), you can operate the vehicle's rear air conditioner with the remote control. (page 10)

■ Notes
- During display, the setting is switched when you press ◀ / ▶ again.
- You can adjust HDMI and AUX (input 1).

3 Press SETUP to complete the adjustment.
The settings are saved automatically.

Visual equalizer settings

You can select the mode that is most suitable for the image.

1 Press Set button on the remote control.
The item selection screen appears.

2 Press ▲ / ▼ to select "Image Settings" and press ▶

For English reference only

3 Select "Visual Equalizer" and press ◀ / ▶ to change the visual equalizer mode.
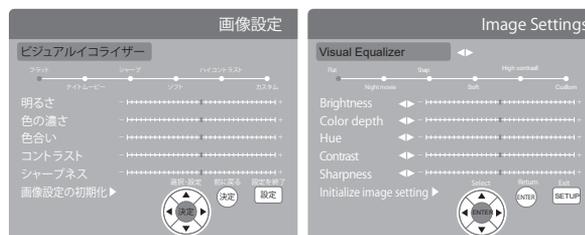
For English reference only

Flat	: Normal setting
Night movie	: Suitable for movies with many dark scenes
Sharp	: Suitable for old movies with unclear images
Soft	: Suitable for CG and video
High contrast	: Suitable for modern films

■ Notes
- During display, the setting is switched when you press ◀ / ▶ again.
- You can adjust HDMI and AUX (input 1).

4 Press Set to complete the adjustment.
The settings are saved automatically.

4

Image settings

You can adjust the brightness and contrast of the screen.

1 Press Set on the remote control.

The item selection screen appears.

2 Press ▲ / ▼ to select "Image" and

モニター設定	Monitor Setting
画像設定 ►	Image settings ►
画面モード設定 ►	Screen mode settings ►
ナビリンク設定 ►	Navilink settings ►
昼夜の画像の明るさ設定 ►	Day and night brightness ►
休憩モード設定 ►	Sleep Mode ►
システム設定 ►	System settings ►
リアエアコン操作設定 ►	Rear air con operate settings ►
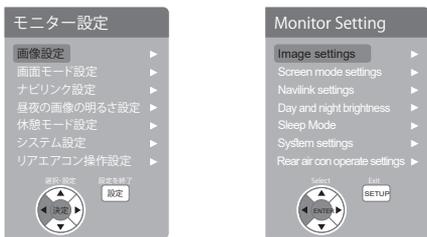
For English reference only

3 Press ▲ / ▼ to select the setting item and press ◄ / ► to adjust it.
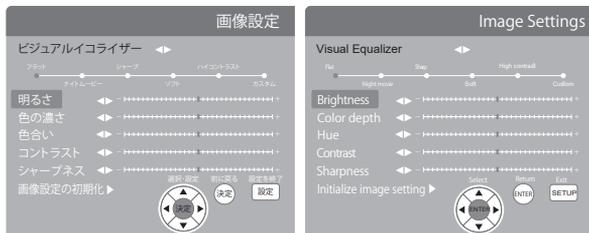
For English reference only

4 Press Set to complete the settings.

The settings are saved automatically.

▪ Notes
- If you do not set within 20 seconds, the image setting screen closes automatically. The settings are saved automatically before closing.

Brightness:
Adjusts the screen brightness.
Settings : -16 to +16 (default setting: Flat 0)

Color depth:
Adjusts the color depth of the screen.
Settings : -16 to +16 (default setting: Flat 0)

Hue:
Adjusts the screen color.
Settings : -16 to +16 (default setting: Flat 0)

Contrast:
Adjusts the screen contrast.
Settings : -16 to +16 (default setting: Flat 0)

Sharpness:
Adjusts the screen sharpness.
Settings : -16 to +16 (default setting: Flat 0)

Initialize the image settings:

Press ► to return to the initial values.

▪ Notes
- If you exit the setting screen without pressing ►, the image settings will not be reset.
- You can adjust HDMI and AUX (input 1).

Screen mode settings

You can switch the screen display mode between full, wide 1, wide 2 and normal.

■ Note
- The screen display mode is set and stored separately for HDMI and AUX (input 1).

1 Press Set on the remote control.

The item selection screen appears.

2 Press ▲ / ▼ to select Display Mode Settings and press ▶.

3 Press ▲ / ▼ to change the screen mode.

For English reference only

Full (default setting) : Display the video source such as DVD or TV, and the navigation screen in the full screen area.

* Suitable for combining with Alpine RearVision link compatible navigation.

Wide 1 : Optimizes and displays 16:9 video.

Wide 2 : Optimizes and displays letterbox size images.

Normal : Displays normal size (4:3).

4 Press Set to complete the settings.

The settings are saved automatically.

■ Notes
- If you do not set within 20 seconds, the screen mode setting screen closes automatically. The settings are saved automatically before closing.
- You can adjust HDMI and AUX (input 1).

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Navilink settings

Set the function when combined with the Alpine RearVision link compatible navigation.

1 Press Set on the remote control.
The item selection screen appears.

2 Press ▲ / ▼ to select Navilink settings and press ▶.

3 Press ▲ / ▼ to select the item to set and press ◀ / ▶ to select it.
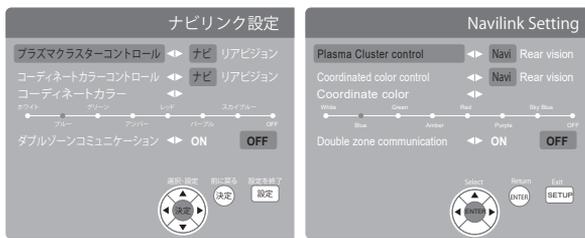
For English reference only

Initial settings:

· Plasma cluster control : Navi

· Coordinated color control : Navi

  *Coordinated color switching coordination control: Only possible when set to RearVision

· Double zone communication : OFF

Plasma cluster control:
Navi* : Plasma cluster ON (weak) / ON (strong) / Turbo / OFF can be switched on the navigation side.

RearVision : Use the supplied remote control to switch between Plasma cluster ON (weak) / ON (strong) / Turbo / OFF.

* Can be set only when connected with compatible navigation (EX11/10/9/8/1000/900/800 series, X9/8/900/800 series, 7/700 series).

◼ Notes
• Setting is required on the navigation side. For details, refer to the navigation side operation manual.

Coordinated color control:
Navi* : Setting coordinated color on the navigation side.

RearVision : Set coordinated color on the RearVision side.

* Can be set only when connected with compatible navigation (EX11/10/9/8/1000/900/800 series, X9/8/900/800 series, 7/700 series).

◼ Notes
• Setting is required on the navigation side. For details, refer to the navigation side operation manual.

Coordinated color:
Sets the color of the LED coordinated light (total seven colors).

Settings : White, blue (default setting), green, amber, red, purple, sky blue, OFF

◼ Note
• When the daytime is bright and the room lamp is on, the LED coordinated light may be difficult to see.

Double zone communication*:
Set the image to be displayed on the RearVision when using the double zone communication function.

ON : The image of an Alpine drive recorder (sold separately) is displayed on the RearVision.

OFF : Display the video source and map screen from the navigation side. (default setting)

* Can only be set when connected with compatible navigation (EX11/10/9/8 series, X9/8 series).

◼ Notes
• Setting is required on the navigation side. For details, refer to the navigation side operation manual.

4 Press Set to complete the settings.
The settings are saved automatically.

◼ Note
• If you do not set within 20 seconds, the screen mode setting screen closes automatically. The settings are saved automatically before closing.

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✋ Settings

Day and night picture brightness settings

You can switch the brightness of the back light (LED) in the LCD panel to make the screen easier to view.

1 **Press Set on the remote control.**
The item selection screen appears.

2 **Press ▲ / ▼ to select the brightness setting for day or night images, and press ▶.**

3 **Press ▲ / ▼ to select the item to set and press ◀ / ▶ to adjust it.**

For English reference only

Day and night screen brightness settings:

Auto : The screen brightness is adjusted automatically according to the brightness inside the car. (default setting)

Day fixed : The screen brightness is set to the "Day Picture Brightness" setting (page 8).

Night fixed : The screen brightness is set to the "Night Picture Brightness" setting (page 8).

■ ⋮ Notes
⋮ • When the setting is ON, the logo may be displayed for a moment when playing a DVD, depending on the combination with the DVD player.
⋮ • The opening screen is also changed to the set color. If OFF is selected, the opening screen truns blue.

Day image brightness:

You can adjust the day brightness.
Settings : 16 to 31

Night image brightness:

You can adjust the night brightness.
Settings : 0 to 15

4 **Press Set to complete the settings.**
The settings are saved automatically.

■ ⋮ Note
⋮ • If you do not set within 20 seconds, the screen mode setting screen closes automatically. The settings are saved automatically before closing.

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Sleep mode settings

Sets it to automatically turn off the screen after a set time.

1 **Press Set on the remote control.**
The item selection screen appears.

2 **Press ▲ / ▼ to select sleep mode and press ▶.**

3 **Press ▲ / ▼ to select the item to set and press ◀ / ▶ to select it.**

For English reference only

Sleep mode:

ON : The monitor will turn off automatically after the set time elapses.

OFF : It does not turn off automatically. (default setting)

Set time until sleep:

30 minutes, 1 hour, or 2 hours can be selected. (default setting: 30 minutes)

Sleep time:

Set the time until return from the sleep mode. 5, 10, 15 or 30 minutes can be selected. (default setting: 5 minutes)

Sleep mode setting initialize:

Resets the sleep mode settings to their default settings.

■ ⋮ Notes
⋮ • If sleep mode is entered while the image is displayed from a DVD being played on the Alpine navigation unit, the DVD playback is stopped. After sleep mode is exited, playback resumes from where it stopped.
⋮ * The back seat personalization setting on the navigation side must be set to DVD or TV.
⋮ • In sleep mode, you can cancel sleep mode by pressing the power button on the remote control or unit.
⋮ • If the vehicle engine is turned on or off while in sleep mode, sleep mode is canceled.

4 **Press Set to complete the settings.**
The settings are saved automatically.

■ ⋮ Note
⋮ • If you do not set within 20 seconds, the screen mode setting screen closes automatically. The settings are saved automatically before closing.

✋ Settings

System settings

You can change the display of the source name and opening logo on the screen.

1 Press Set on the remote control.
The item selection screen appears.

2 Press ▲ / ▼ to select System Settings and press ▶.

3 Press ▲ / ▼ to select the item to set and press ◀ / ▶ to select it.
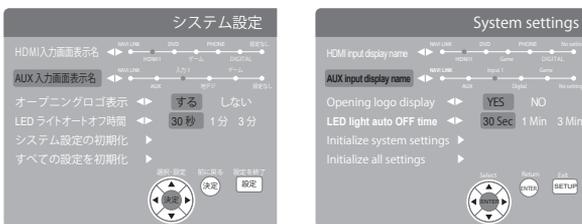
For English reference only

HDMI input screen display name:

The source name to be displayed on the screen is set according to the product connected with RearVision HDMI.

Settings : NAVI LINK / HDMI1 (default setting) / DVD / game / PHONE / DIGITAL / no setting

AUX Input screen display name:

The source name to be displayed on the screen is set according to the product connected with RearVision AUX.

Settings : NAVI LINK / AUX / INPUT 1 (default setting) / terrestrial digital / game / no setting

Opening logo display:

You can set whether to display the ALPINE logo at startup.

Settings : Yes (default setting) / No

LED light auto OFF time:

You can select the time until the lamp turns off automatically when the lamp is turned on with ☼ on the remote control.

30 seconds : Automatically turns off in 30 seconds.

1 minute : Automatically turns off in 1 minute.

3 minutes : Automatically turns off in 3 minutes.

Initialize system settings:

Resets the settings on the system settings screen to the default settings.

Initialize all settings:

Restores all settings to the factory defaults.

Press ▲ / ▼ to select execute or not execute, then press ▶ to confirm.
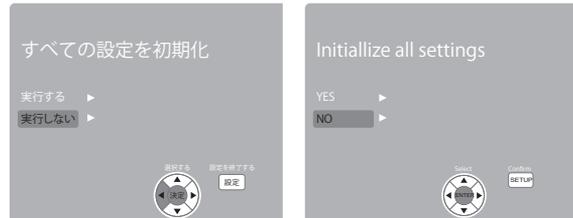
For English reference only

Yes : Restores all settings to the factory defaults.

No : Returns to the previous screen.

Note

• If you do not set within 20 seconds, the screen mode setting screen closes automatically. The settings are saved automatically before closing.

4 Press Set to complete the settings.
The settings are saved automatically.

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Rear air conditioner operation settings: (PXH12X-R-AV only)

By connecting a rear air conditioner control unit (sold separately), you can operate the vehicle's rear air conditioner with the remote control.
Refer to the installation manual for the rear air conditioner control unit for installation and operation.

1 Press Set on the remote control.

The item selection screen appears.

2 Press ▲ / ▼ to select the rear air conditioner operation settings then press ▶.

3 Press ▲ / ▼ to select the item to set.

For English reference only

Rear air conditioner operation:

You can set whether the rear air conditioner of the vehicle is operated by the RearVision remote control.

Settings : Yes / No (default setting)

Rear air conditioner control car type setting:

Set the car type to operate the rear air conditioner with ▲ / ▼.

For English reference only

🔲 ⋮ Note
⋮ • If you do not set within 20 seconds, the screen mode setting screen closes automatically. The settings are saved automatically before closing.

4 Press Set to complete the settings.

The settings are saved automatically.