POWER ACOUSTIK

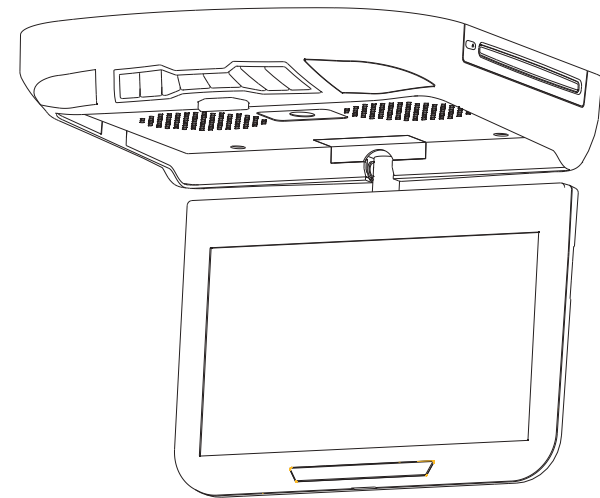# PMD-102X

**10.2" Swivel Ceiling Mount Monitor w/ DVD Combo
(3-Interchangeable Shrouds: Beige, Black & Gray)**

OWNER'S MANUAL

Contents

SPECIFICATIONS

Power	DC 12V
Screen Format	16:9
Resolution Pixel	1024x600
Color System	NTSC/PAL Auto Select
A/V Input	DVD-AV
A/V Output	1 EA
Dimension	With shroud:15.1(L)X13.9(W)X3.5(H)inches
Dimension	Without shroud:14.8(L)X13.6(W)X2.5(H)inches
Display	High Definition Digital Display

Note: This equipment has been tested and has been found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference. In some cases, the user will be required to correct the interference at his own expense.

Caution

Please read and observe all warnings and instructions in this manual and those marked on the unit. Retain this booklet for future reference.

There are two kinds of alarm symbols as follows:

WARNING

The lightning bolt with arrowhead inside in an equilateral triangle is intended to alert the user to the presence of " dangerous voltage " within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to people.

CAUTION

The exclamation point inside an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

WARNING

Installation of all TV monitors must be out of the driver's field of vision.

Do not mount the product where it will obstruct the deployment of the airbag or in an area where it would affect the driver's ability to control the vehicle. Also be careful to avoid mounting the product where it can become hazardous during sudden stops or in the event of an accident.

Do not try and service these products yourself, locale a qualified service center or factory service center for all repairs.

Use extra caution with any liquids in your car. If you or your child spills any liquid on these products, pull your vehicle to the roadside and turn the key off to disconnect or wipe the products with a towel. Do not operate the equipment until all liquids have either evaporated or you have had the monitor inspected at a service center by a qualified technician. Severe harm or danger can result.

Be careful not to drop or apply under pressure to the front panel of your video monitor. If the screen cracks due to misuse, your warranty will be void!

Use only a damp cloth to clean the screen and use only purified water on the cloth. wring out all excess water prior to wiping the screen. Do not use any cleaners or chemicals to clean the screen. In most cases a dry cloth will do!

Caution

⚠ CAUTION

Quality installations are best performed by qualified and certified installers.

Watching the monitor for an extended period of time without the engine running may deplete the vehicle's battery charge.

Don't touch the unit if there is a flash of lightning. You may receive an electric shock.

This product is designed for operation with a 12 Volt DC, negative ground vehicle. It is not suitable for operation under other conditions or voltages.

Do not cover or stop up heater ducts or vents. It may cause a fire or receive an electric shock.

Do not bring magnetic devices such as credit card or magnetic card near the magnets.

☞ **Operating Notes**

1. The operating temperature of this product is limited to 14°~+140°F.
2. If your vehicle is extremely hot or cold you must allow time for your air conditioner or heater to cool or heat the vehicle until operating temperatures have returned to normal operating ranges.
3. Optimal picture quality is achieved when viewed from directly front of the monitor (+/-30degrees).
4. Do not open the housing and attempt to make any repairs yourself. Refer servicing to qualified personnel.
5. DVD Players use an invisible laser beam which can cause hazardous radiation exposure. Be sure to operate the unit correctly as instructed.
6. Do not cut the car power supply off while a disc is playing. It can cause damage to the DVD Player.
7. If the buttons get stuck, please try to press the up of buttons, it will get back. It won't impact using normal.
8. If you cann't find the files name in list when playing, please reset units or turn off/on over again.
9. If the unit cann't be change mode when playing some special files which the unit didn't support, please reset units or turn off/on over again.

Troubleshooting

Symptom	Items to Check	Actions to be Taken
Buttons do not work.	Is the power turned on?	Check the car battery capacity.
No sound	Is the audio which is connected with the audio cable set to receive the DVD signal output? Is audio cable connected securely? Is the monitor which is connected with the audio cable turned on? Is the audio output set in the correct position?	Select the correct input mode for the audio receiver. Connect the audio cable into the jacks securely. Turn on the monitor connected with the audio cable. Set the Audio Output to the correct position, and then turn on the DVD player again by pressing the POWER button.
Remote control does not work properly.	Is the remote control facing the remote sensor? Is the distance too far? Is there any obstacle in the middle? Is the battery weak?	Point the remote control toward the remote sensor of the product. Use the remote control within 15 feet. Remove the obstacle. Replace with new battery.

☞ **Moisture or condensation on lens**

When a disc is brought from a cold environment to a warm one, there may be moisture on the the disc, or condensation on the pickup lens. It will affect disc playback.

1. Remove the disc from the DVD player.
2. Turn on the power and leave it on for an hour to vaporize the condensation.

DVD features

DVD discs provide high-resolution images with high-quality sound. This DVD player can play not only DVD discs of various versions, but also S-VCD, VCD, audio CD and MP3 discs.

Discs that cannot be played

DVD-RW, DVD-REM, CD-ROM, CD-EXTRA discs cannot be played on this unit. In addition, a CD or a CD-RW which was recorded on special software cannot be played.

Region code

Your DVD player is designed and manufactured to region management information that is recorded on a DVD disc. Please check the region code.
1: North America   2: Japan   3: Korea and Southeast Asia
4: Australia, Mid & South America   5: Russia   6: China

How to handle the disc

Don't touch the shiny side of the disc (the side with the embedded information).
Don't stick a label or a glue-based note on either side of the disc.
Don't use discs that have glue or a damaged label with exposed adhesive residue.
It might result in damage to your DVD player.
Don't put discs in the sunshine.
Park your car in the shade.

How to handle the discs

Only use round discs. Discs with other shapes like a star, a heart, etc. may cause damage to the player. If a disc is dirty, wipe softly with a wet cloth and then with a dry one. Before playback, wipe the disc outward from the center with a clean cloth. Do not use any type of solvent such as thinner, benzene, commercially available cleaners or antistatic spray. To avoid damaging your DVD player, don't use a scratched disc.
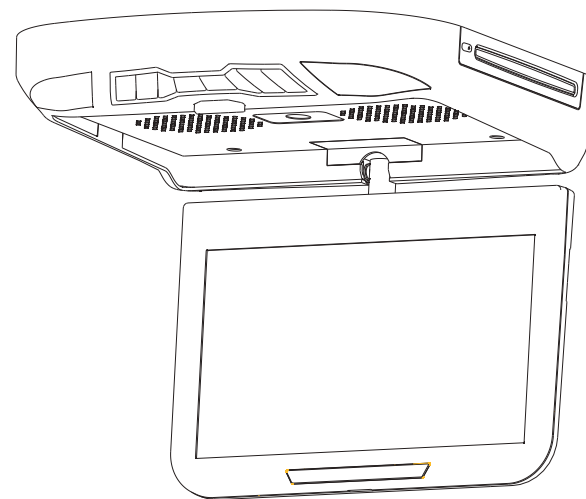
Monitor/DVD Player

Remote Control

Monitor/DVD Player

Wireless Headphones
(Not Included)

Features and Controls

POWER Button
Menu Select Button
+/- Buttons
Skip Forward Button

Stop Button
Skip Back Button
PASUE Button

EJECT Button   Disc loading slot

USB Input   Dome Light Button
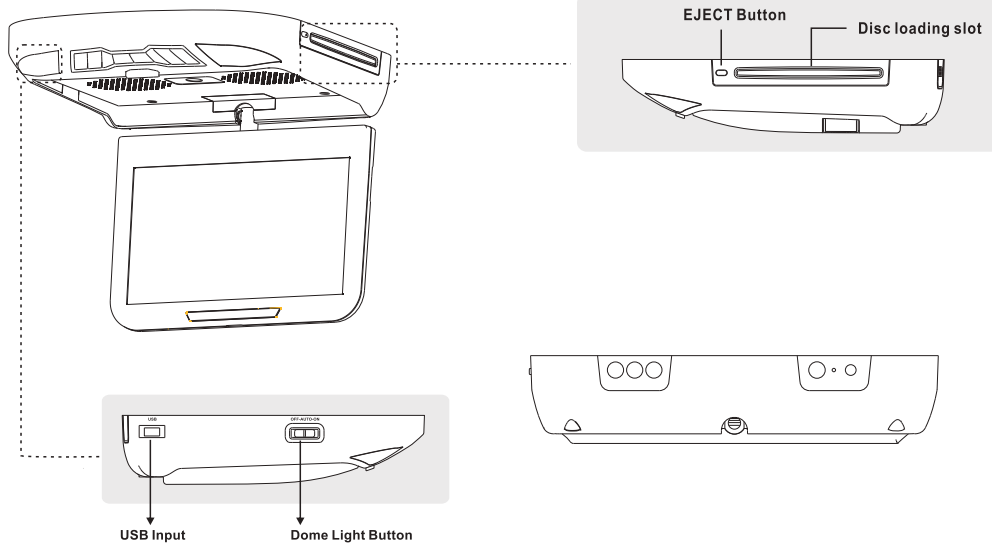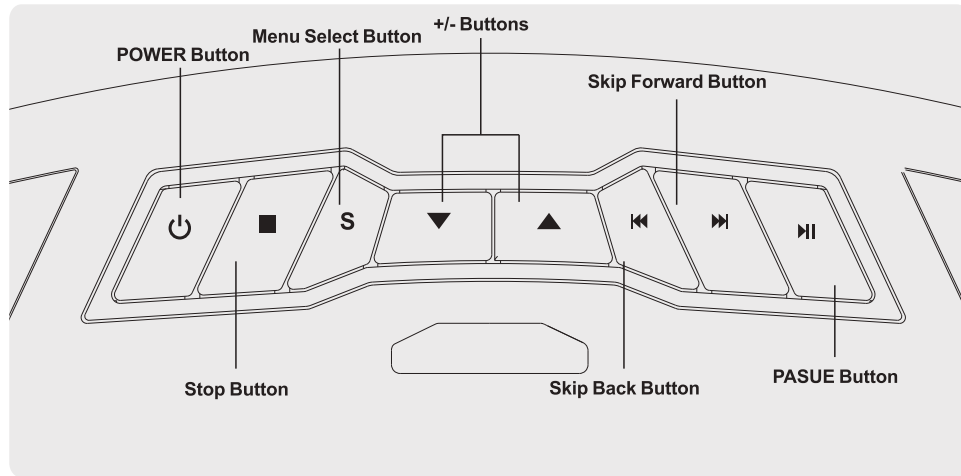
✵ Caution

Do not bring magnetic devices such as credit cards or magnetic cards near the monitor.

Installation

1. Open the package and check that these items are presents.

INSTALLATION PLATE   UNIT   SCREW A   SCREW B
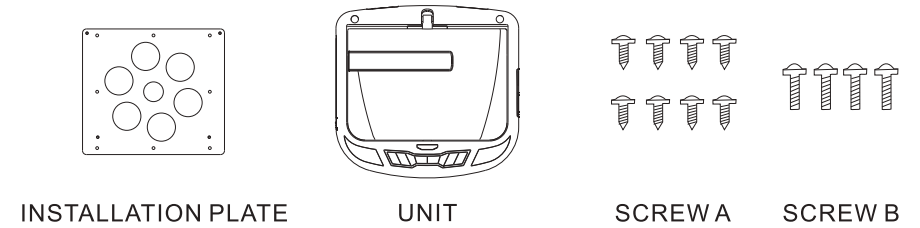
2. Connect the external compoments to the RCA cable or AV output. (Refer to the connection diagram on page 33)
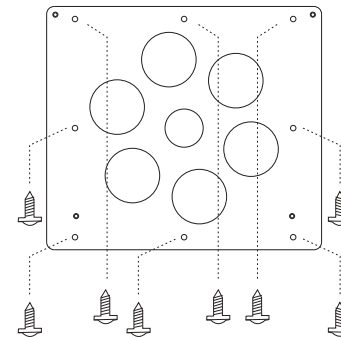
3. Match the position of installation bracket and installation plate with screw A.
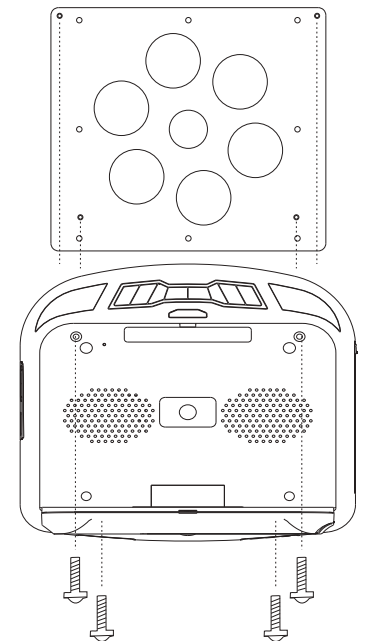
4. Tighten the unit with the supplied screw B.

Connection Diagram

On a towel or soft cloth, gently place the monitor assembly "face down" on a stable work surface.

Using the wires provided, complete the audio, video and power connections in your vehicle as shown in the diagram below.

Features and Controls

Remote Control

1. **POWER**
   Turns the DVD Player/Monitor on or off.

2. **MUTE**
   Press this button to switch off the audio during playback. Press again to restore the audio.

3. **VOL-/+ button**
   Use to incease or decrease volume level.

4. **AV**
   Use this button to AV Mode.

5. **MENU (Source Menu)**
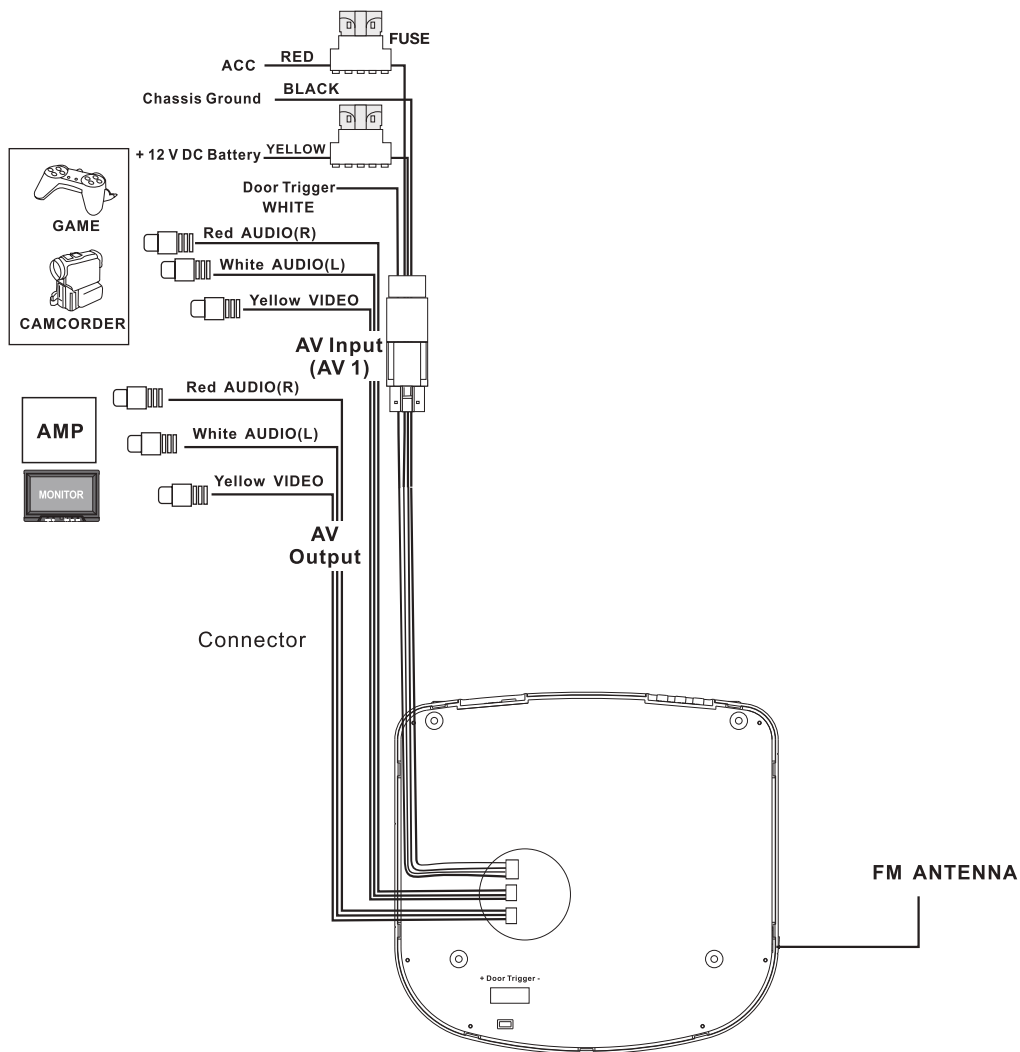   Press to enter source menu, Press and hold to confirm a selection

6. **P/N**
   This button permits you to choose among Multi, PAL and NTSC.

7. **UP/DOWN**
   Use to move to the desired menu.

8. **MODE**
   Use this button to switch between two modes
   DVD→USB

9. **ANGLE**
   Press to switch the viewing angles.
   (Note: This function only work with those discs encoded with multiple camera angles.)

10. **AUDIO**
    Use this button to select one of the audio soundtracks programmed on a DVD disc. It is also used to select the audio output mode for the DVD playback.
    (Available only if the disc supports available audiotype.)

11. **MENU (DVD menu)**
    This button permits you to view the menu on the DVD.
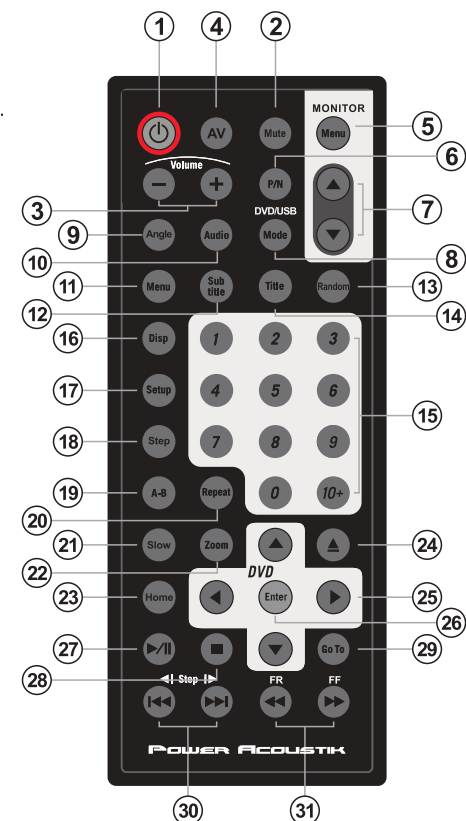
13. **PROG**
    Select the programming mode of play.

14. **TITLE (Title menu)**
    When a DVD is playing, press this button to view the Title Menu.

15. **NUMERIC button**
    Use when making a selection on the menu screen.

⑯ DISPLAY

Press to show elapsed or remaining
time of a chapter or a title.

⑰ SETUP

Press this button to display the Setup
menu. The Setup menu enables you
to enter the settings required for the
unit to work properly.

⑱ STEP

Press the button to execute the first
stop, press the button in the second
and subsequent step function.

⑲ A-B (repeat from A to B)

Use this button to select the beginning
and end of a track which you wish to have
repeat in playback.

⑳ REPEAT

Press this button to change the playback
mode to repeat.

㉑ SLOW

Select slow play.

㉒ ZOOM

If your DVD disc supports zooming in
to see the program differently, pressing
this button will enable you to change
the amount of zoom.

㉓ HOME

Press this button to return to the root menu.

㉔ EJECT

Into/eject the disc.

㉕ UP/DOWN/RIGHT/LEFT ARROWS

Use thes buttons to navigate the
various menus and screens for the
monitor and DVD systems.

㉖ ENTER

Press this button to confirm the item
you have found and highlighted using
the arrow buttons. Usually this is done
to confirm a selection or item to be
played on the DVD.

㉗ PLAY/PAUSE

To start playback of a disc, press this
button. Press again to pause the
playback. If playback is paused, press
this button to resume playback.

㉘ STOP

Press this button to stop the playback
of the current disc.

㉙ GO TO

Use to search for a title or a chapter on
your DVD disc.

㉚ SKIP FORWARD/BACK

Use these buttons to skip to the next
or last track, chapter or file on the
disc in the player.

㉛ FAST FORWARD/REVERSE PLAY

Use these buttons to select either fast
forward or fast reverse playback.

1. When USB is inputed, press the MODE select button, then press the Left/Right
   (monitor) button to move to USB item, finally, perss and hold the Enter select
   button to confirm the item.
2. Use the (arrow and ENTER) buttons to select and set desired settings.
3. Press the menu button to exit when photo playing, and press the (■) button to exit
   in the other time.

DVD Functions

PBC

[DVD]/[CD]/[MP3]

This button does not function in PBC mode.

Zoom

[DVD]

Some DVDs are programmed to allow you to zoom into the image, magnifying it. Pressing the ZOOM button does this in steps, according to the chart to the right.

[AUDIO]/[MP3]

This button does not function in this mode.

OSD	CONDITION
ZOOM 2 X	ZOOM X 2
ZOOM 3 X	ZOOM X 3
ZOOM 4 X	ZOOM X 4
ZOOM 1 / 2	ZOOM X 1 / 2
ZOOM 1 / 3	ZOOM X 1 / 3
ZOOM 1 / 4	ZOOM X 1 / 4
Off	Off

GO TO

The GO TO function allows you to begin playback at a specific location on the disc. To do this, press GO TO and navigate the screen which follows to select this playback location.

TT

Move to the desired title.

CH

Move to the desired chapter.

🕐

Watch play time.

Power and Mode Selection

Releasing The Monitor

Push the release button (located on the front edge of the screen housing) and lower the monitor. You can also adjust the swivel angle.

Make this arrow in DOWN direction only.

PULL BUTTON
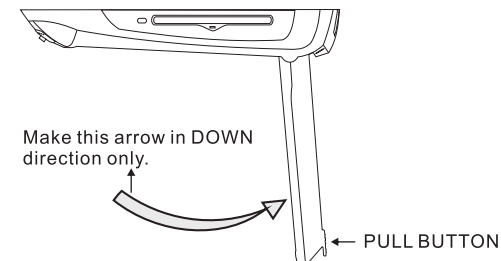
Turning on The Monitor

1. Connect the monitor to external devices.

2. Press the POWER button on either the remote control or the unit once to turn the power on.

   Press the same POWER button to turn the power off.
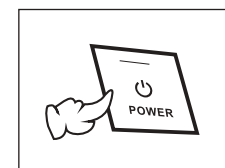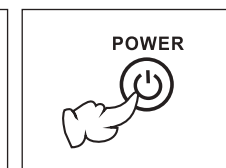
POWER

UNIT   REMOTE CONTROLLER

3. Power on the external devices and play.

Mute Function

1. Press the **MUTE** button on the remote control to mute the audio.

2. Press the **MUTE** button again on the remote control to return to the previous volume level.

Power and Mode Selection

Selecting a Source mode

1. Turn the power ON the unit and on the external devices.

2. Select the DVD, USB, AV mode by pressing the S select button then pressing the up/down(monitor) to move to item you want, finally, pressing and hold the ▶II button to confirm the item.

3. Play the external device.

DVD Functions

Repeat

[DVD]

Pressing REPEAT button changes the play mode as follows:

OSD	CONDITION
CHAPTER	Repeat chapter
TITLE	Repeat title
REP ALL	All
OFF	Repeat off

[CD]

Pressing REPEAT button changes the play mode as follows:

OSD	CONDITION
REP:1	Repeat one
ALL	All
OFF	Repeat off

[MP3]

Pressing REPEAT button changes the play mode as follows:

OSD	CONDITION
REP:1	Repeat one
REP:DIR	Repeat directory
ALL	All
OFF	Repeat off

N/P

This button is used to select the video standard for the DVD mode between NTSC and PAL formats.

DVD Functions

Prev(⏮)

[DVD]

Press this button to advance the player from the current chapter to the previous chapter.

[CD]/[MP3]

Press this button to move to the previous track.

Next(⏭)

[DVD]

Press this button to advance the player from the current chapter to the next chapter.

[CD]/[MP3]

Press this button to move from the current track to the next track.

Repeat(A-B)

[DVD]/[CD]

You can set the player to repeat a segment over and over until you cancel it. To do this, you mark the beginning of the desired segment (A) and the end of segment (B). The selected segment will be repeated automatically until canceled.

OSD	CONDITION
A	Start point of repeat
A B	Ending point repeat function
A - B CANCEL	Cancel repeat

DVD Setup

■ Setup Menu-Main Page

When the remote control **SETUP** button is pressed, the setup menu will be displayed. Select the menu category and make changes according to your preferences.

1. Press the **STOP** button if the disc is playing.

2. Press the **SETUP** button to display setup menu.

3. Use the (arrow and SETUP) buttons to select and set desired settings.

4. Press the **SETUP** button again to turn off the setup menu.

DVD Setup

■ Picture

Brightness
Use this option to adjust the display brightness. When you reach desired brightness level, use the ◄/►buttons and press the SETUP button.

Contrast
Use this option to adjust the contrast level.
Use the ◄/► buttons and press the SETUP button, when you reach the desired contrast level. The contrast control increases or decreases the ratio of bright and dark screen sections.

Saturation
Select screen saturation level using the direction ◄/► buttons and press the SETUP button.

Sharpness
Can be adjusted by highlighting it in the menu and then using the ◄/► arrow buttons to select the option.

Rotate
Flip the image using the ◄/► arrow buttons.

DVD Functions

Fast Reverse Searching(►►)

[DVD]
Pressing FR button repeatedly changes the play mode as follow:

OSD	CONDITION
X2	2X rewind search
X4	4X rewind search
X8	8X rewind search
X20	20X rewind search
PLAY	Play

[CD]
Pressing FR button repeatedly changes the play mode as follow:

OSD	CONDITION
X2	2X rewind search
X4	4X rewind search
X8	8X rewind search
X20	20X rewind search
PLAY	Play

[MP3]
Pressing FR button repeatedly changes the play mode as follows:

OSD	CONDITION
X2	2X rewind search
X4	4X rewind search
X8	8X rewind search
X20	20X rewind search
PLAY	Play

Fast Forward Searching(◄◄)

[DVD]
Pressing FF button repeatedly changes the play mode as follow:

OSD	CONDITION
X2	2X forward search
X4	4X forward search
X8	8X forward search
X20	20X forward search
PLAY	Play

[CD]
Pressing FF button repeatedly changes the play mode as follow:

OSD	CONDITION
X2	2X forward search
X4	4X forward search
X8	8X forward search
X20	20X forward search
PLAY	Play

[MP3]
Pressing FF button repeatedly changes the play mode as follows:

OSD	CONDITION
X2	2X forward search
X4	4X forward search
X8	8X forward search
X20	20X forward search
PLAY	Play

Subtitle(SUB-T)

[DVD]

This button is used to select the language for the on-screen display system.
(This title menu may vary, depending on the particular DVD.)

Title

[DVD]

Used to display the title menu of the loaded DVD disc.
This function is only present on discs which support it.

Slow

[DVD]

Use this button to play a disc in slow-forward.
Slow playback can be done at six different
speeds. Pressing this button repeatedly
decreases the speed in steps. Pressing the seven
time returns playback to the normal speed.

OSD	CONDITION
SF 1 / 2	2X slow forward
SF 1 / 3	3X slow forward
SF 1 / 4	4X slow forward
SF 1 / 5	5X slow forward
SF 1/6	6X slow forward
SF 1/7	7X slow forward
►	Play

■ Sound

Down Mix

Use this option to change the audio output format.
(Availabe only if the disc supports available audio type.)

1. Press the SETUP buttons to move to Preference.

2. Press the ◄/► buttons to move to Preference.

3. Press the ◄/► buttons to move to Sound.

4. Press the SETUP button.

FM RF

Use this option to change the FM transmitter frequency
(FM function include87.7/88.1/88.5/88.9/107.1/107.5/107.9/off)

1. Press the SETUP buttons to move to Preference.

2. Press the ◄/► buttons to move to Preference.

3. Press the ▲/▼ buttons to move to Sound.

4. Press the SETUP button.

IR RF

Use this option to change the FM transmitter frequency (IR include A B off)

Volume

Use this option to adjust the audio output level of the speaker form 0 to 15.

■ System

Language

Use this option to set the OSD language
（English/Chinese/Italian/Spanish/Portuguese/French/Deutsch).
(Availabe only if the disc supports available audio type.)

1. Press the SETUP buttons to move to Preference.

2. Press the ◄/► buttons to move to Preference.

3. Press the ◄/► buttons to move to Sound.

4. Press the SETUP button.

OSD Ouraion

Use this option to set the Menu display time（5/10/30/60seconds/Never)

1. Press the SETUP buttons to move to Preference.

2. Press the ◄/► buttons to move to Preference.

3. Press the ◄/► buttons to move to Sound.

4. Press the SETUP button.

Rest

If you select Rest ,all the settings of the Setup Menu will be returned to the factory
defaut settings. except for Parental Level, Region and Password values.

Display

[DVD]

Pressing the DISPLAY button on the
remote control changes the play mode as
follows:

OSD	CONDITION
DVD TT 2/2 CH 1/15 🕒 00:02:30	Elapsed time
◖1/3ENG 2CH 1/6 CHI OFF	Mode display
DVD TT 2/2 CH 1/15 🕒 00:02:30	Remain time
DVD TT 2/2 CH 1/15 🕒 00:07:30	Total elapsed time
DVD TT 2/2 CH 1/15 🕒 00:14:30	Total remain time

[CD]

Pressing the display button displays
information about the current CD on the
screen as follows:

OSD	CONDITION
CDDA TRK 2/2 off 00:02:30	Elapsed time
CDDA TRK 2/2 off 00:05:30	Remain time
CDDA TRK 2/2 off 00:02:55	Total elapsed time
CDDA TRK 2/2 off 00:06:45	Total remain time

[MP3]

Your DVD player will display the counter
automatically when you play the MP3 disc.

OSD	CONDITION
USB TRK 2/2 off 00:02:30	Elapsed time
USB TRK 2/2 off 00:05:30	Remain time

Number Buttons

[DVD]

The 0 through 9 number buttons are used to enter the number of the track, the number
of the DVD chapter.

[CD]/[MP3]

Select a track by pressing the
corresponding number button.

OSD	CONDITION
SELECT:__	Select track NO.

OSD	CONDITION
SELECT:__	Select track NO.

Stop(■)

[DVD]/[CD]
In DVD mode, Press STOP to stop playback. To resume playback, press PLAY/PAUSE. If you press STOP twice and then PLAY/PAUSE, the player will begin playback at the first scene of the movie.

[MP3]
In MP3 mode, Pressing STOP will stop the audio playback. Press PLAY/PAUSE to begin playback of the first title on the disc.

OSD		CONDITION
1	►■	Stop
2	■	Disc Stop

Arrows(◄ /►/▲ / ▼)

[DVD]
In addition to navigating the various menus, you can use the arrow buttons to define the area of the screen you want to enlarge in ZOOM mode.

[MP3]
After pressing STOP button, select the desired folder and set the condition by pressing ENTER button.

Setup
Pressing the SETUP button opens the Setup Menu, where you can make and adjust DVD settings to suit your equipment and preferences.

Menu

[DVD]
Pressing the SETUP brings up the DVD disc menu. The content of this menu varies, depending on the programming of the disc.

■ Player

1. TV System
Choose the proper TV format appropriate to the monitor you have connected to the player from the following: PAL , NTSC or AUTO type.

1. Press the SETUP button during Disc stop mode.
2. Press the ◄ / ► buttons to move to Preference.
3. Press the ▲ /▼ buttons to move to TV Type.
4. Press the SETUP button.

2. Screen Save
ON: Open screen saver.
OFF: Turn off, Screen saver.

3. Aspect Ratio
In the Setup function called TV Display, you set the player to output the video signal at the same aspect ratio as your monitor. If the monitor is widescreen format, select "WIDE." If it is as "normal" screen (4:3), choose NORMAL/PS (Pan and Scan) or NORMAL L/B (Letterbox).

Normal / PS
Choose this setting if you want the movie to fill the entire screen.
(This might mean that the left and right edges won't be seen)

Normal / LB
Choose this setting if you want to see the movie in its original aspect ratio.
(The movie might appear with black bars at the top and bottom of the screen.)

Wide
Choose this setting if your DVD Player is connected to a widescreen TV.
(This opition is available only if the disc has a 16:9 display aspect ratio.)

4. Password
Password Setup, which is required for using the Parental Controls settings, is divided into two modules: Turning on the Password function, and setting a Password. The first step is to turn it on in the Password Mode setting.

DVD Setup

5. Resume

ON: Each time you turn off the unit or stop the disc, it will memorize the last play time. Next time you turn on the unit and play the same disc, the unit will play from that memorized point.
OFF: Disable the last memory function.

6. Audio Language

Use this option to set the subtitles language,
language a variety of CHINESE ENGLISH JAPAN FRENCH SPANISH PORTUGUESE LATIN and GERMAN.
But these are no function, need to be in DVD mode according to the audio button.

DVD Functions

Eject

When this button is pressed, the disc is ejected. When this button is pressed for more than 3 seconds, the disc is unconditionally ejected. Use this function if you encounter difficultly ejecting a disc.

Vol+/Vol-

Use these buttons to adjust the audio output level.

Mute

Press MUTE to turn off the audio part of the currently playing program. Press it again to return the audio volume to the level at which you were last listening.

Play or Pause(►❚❚)

Whenever this button is pressed, the mode switches from pause to play or play to pause.

OSD	CONDITION
►	Play Disc
❚❚	Pause

Audio

[DVD]

Change the audio output format.
(Available only if the disc supports available audio type.)

OSD	CONDITION
[ENGLISH 2CH]	English Stereo
[CHINESE 2CH]	Chinese Stereo
[RUSSIAN 5.1CH]	Russian 5.1trach

[CD]/[MP3]

Changes the audio output format.
(Available only of the disc supports available audio type.)

OSD	CONDITION
Stereo	Stereo
Mono Left	Mono Left
Mono Right	Mono Right