OWNER'S MANUAL

Auto Multi-media System

DVD
VIDEO

VIDEO CD

COMPACT
DIGITAL VIDEO

COMPACT
DIGITAL AUDIO

COMPACT
DIGITAL AUDIO
MP3

Please read the manual carefully before operating this unit and keep it for future reference.

CAUTION: ≫

This unit is a class 1 laser product. To prevent direct exposure to laser system, do not open the unit. The laser beam may hurt your eyes. If the unit requires adjustments, contact an authorized service centre.

USE THIS PRODUCT SAFELY ≫

Be sure fully understand the following safety information:

When driving ≫

Keep the unit at an appropriate sound level. Driving with the sound at a level that prevents you from hearing sounds outside and around the car may cause an accident.

When car washing ≫

Do not expose the product to water or excessive moisture. This could cause short circuit, fire or other damage.

When parked ≫

Parking in direct sunlight can produce very high temperature inside your car. Give the interior a chance to cool down before switching the unit on.

Use the proper supply ≫

This product is designed to operate with a 12 V DC, negative ground operation.

| SYMPTOM	CAUSE/SOLUTION
No sounds.	Cancel the mute function. Adjust the volume.
The memory contents are vanished.	Disconnect the power wire or battery. Press RESET button.
Do not play.	The disc is dirty or damaged.
The disc is out automatically.	The temperature is out of operating temperature .
The disc can not go out.	Push the disc when press EJECT button. A disc is loaded in the mechanism. Press RESET button.
Function button is unworkable.	Press RESET button.
There's audio skipping.	The disc is dirty or damaged.
No picture.	Open TV. Choose video input on the TV to receive The picture from the unit.
Picture stops (pauses).	The disc is dirty or damaged. Color system setup is incorrect. Adjust to PAL or NTSC according to the TV.

Half-Din Size
Slot Loading DVD for Multiple Mounting
In-Dash, Floor and Under Dash Mounting Brackets
DVD/VCD/CD/CD-R/CD-RW/MP3/WMA Compatible
Slim Type DVD Mechanism
Jumbo Size LCD Display
Full-Function Infrared Remote Control
Extra remote eye
Last Position Memory
On Screen Display
Built-in Dolby Digital Decoder
Mechanical Anti-Shock & Digital Anti-Shock
NTSC/PAL Selectable
A/V RCA Output
Optical & Coaxial Output

NOTE: 🖎

If any of problem persists after checked the above list. Please consult your nearest service dealer. Never attempt to disassemble the unit personally.

NOTE: 🖎

This user's manual is only for reference.
Modifying rights are reserved.
Modifications are subject to change without notice.

NO.	Item	Diagram	Quantity
1	Screws M5 x 5		8
2	Operational Manual		1
3	AV Cable		2
4	Connecter Wire		1
5	Product Warranty Registration Card		1
6	Remote Control		1
7	Remote Control Receiver		1
8	Bracket		2

1 Do not use and store the loader in dusty, high temperature or high humidity environments.

2 Do ground all equipments and works in order to avoid causing damage to the loader by electrostatic discharges.

3 The user who handles this product takes all necessary Precautions to avoid ESD (Electro-Static Discharge) failures.

4 Do not touch assembled PCB with hand directly, avoid fingerprints or stains remain on the PCB and handle the loader in a clean environment.

5 Do not shock loader during handing and manufacturing.

6 Do not use loader immediately when you bring it from cold to warm place. Great change of temperature may cause moisture condensing on the pickup lens which influences the readability for certain time. Please make the loader stable at least 2 hours before operating under such a condition.

7 Do not disassemble the loader to avoid ESD failures and to prevent from contamination.

REPLACE THE FUSE

Make sure the amperage match the specified when replacing the fuses. If the fuse is broken, check the power connection and replace a new one. If the same problem occurs, it would besubjected to the malfunction in-house. In such cases, please consult the nearest service dealer.

⚠ **Warning**
Never use the fuse with the rated amperage more than that supplied to your unit, otherwise it will damage the unit.
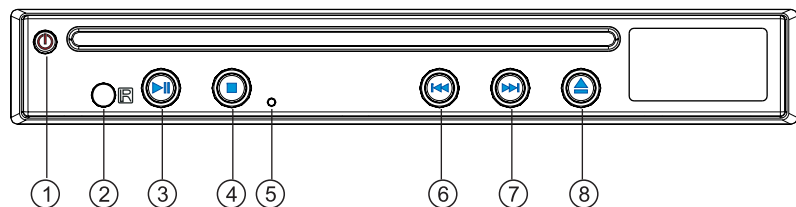
SPECIFICATIONS

GENERAL

Supply Voltage	: 12V DC (10.5V-16V), negative ground
Current Consumption	: Less than 2A
Signal system	: Composite Video 1.0Vp-p 75
Disc Compatible	: 1) DVD-VIDEO Disc
	5" (12cm) single-sided, single-layer
	5" (12cm) single-sided, double-layer
	2) Compact Disc(CD-DA)
	5" (12cm) disc
Audio output level	: 10K (2ch 1.8V ± 0.2)
Audio signal output characteristics	: 1) Frequency Response 20Hz-20KHz
	2) S/N Ratio 80± 5 dB(JIS)
	3) Weight (approx) 1Kg
	4) Dimension (approx) 178x160x26(mm) (W/D/H)
	5) Mounting (approx) 160x178x25(mm)(W/D/H)

NOTE: ✍

Specifications and design are subject to modification without notice due to improvements in technology.
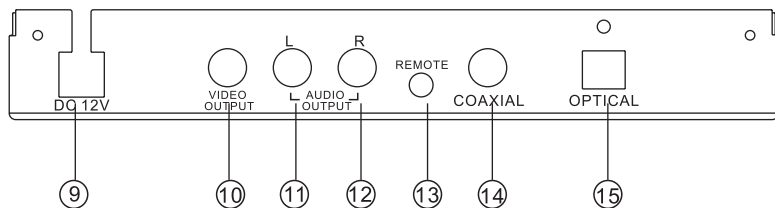
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FRONT PANEL DESCRIPTION

① POWER

② REMOTE

③ PLAY/PAUSE

④ STOP

⑤ RESET

⑥ PREVIOUS

⑦ NEXT

⑧ EJECT

REAR PANEL DESCRIPTION

⑨ DC12V

⑩ VIDEO OUTPUT

⑪ AUDIO OUTPUT L

⑫ AUDIO OUTPUT R

⑬ REMOTE

⑭ COAXIAL

⑮ OPTICAL

SPEAKER SETUP

DOWNMIX
Following options are available for the DOWNMIX:
LT / RT   Stereo   VSS

BASS MODE
Following options are available for the BASS MODE:
ALL LG SPK   ALL SM SPK   MIXED SPK

DIGITAL SETUP
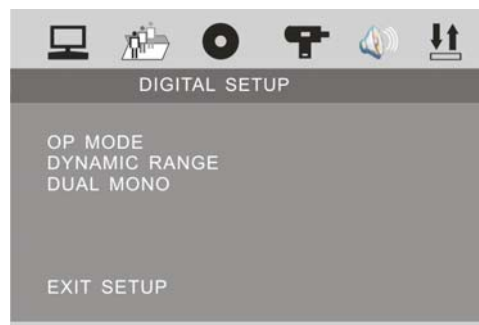
OP MODE
Following options are available for the OP MODE:
LINE OUT   RF REMOD

DYNAMIC RANGE
Following options are available for the DYNAMIC RANGE:
FULL   6 / 8   4/ 8   2 /8   OFF

DUAL MONO
Following options are available for the DUAL MONO:
STEREO   MONO L   MONO R   MIX MONO

VIDEO SETUP

VIDEO SETUP

BRIGHTNESS
CONTRAST
HUE
SATURATION
SELECT LOGO

EXIT SETUP

BRIGHTNESS
Following options are available for the BRIGHTNESS:
0   2   4   6   8   10   12

CONTRAST
Following options are available for the CONTRAST:
0   2   4   6   8   10   12

HUE
Following options are available for the HUE:
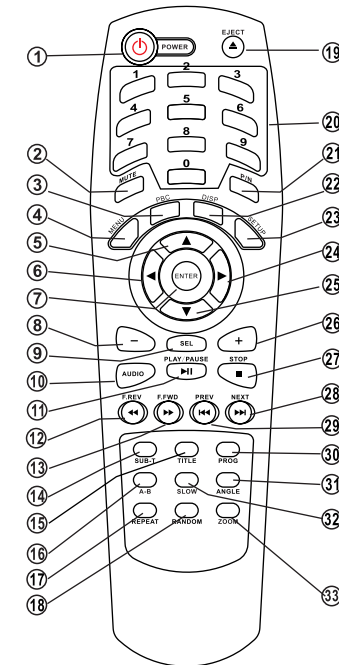-6   -4   -2   0   +2   +4   +6

SATURATION
Following options are available for the SATURATION:
0   2   4   6   8   10   12

SELECT LOGO
Following options are available for the SELECT LOGO:
RESTORE   MPEG LOGO

① POWER	⑫ F.REV	㉓ SETUP
② MUTE	⑬ F.FWD	㉔ RIGHT
③ PBC	⑭ SUBTITLE	㉕ DOWN
④ MENU	⑮ TITLE	㉖ VOLUME+
⑤ UP	⑯ A-B	㉗ STOP
⑥ LEFT	⑰ REPEAT	㉘ NEXT
⑦ ENTER	⑱ RANDOM	㉙ PREVIOUS
⑧ VOLUME-	⑲ EJECT	㉚ PROGRAM
⑨ SEL	⑳ NUMBER BUTTONS	㉛ ANGLE
⑩ AUDIO	㉑ P/N	㉜ SLOW
⑪ PLAY/PAUSE	㉒ DISPLAY	㉝ ZOOM

Replacing the batteries

If the operational range of the remote control becomes short or no function while operating, replace the batteries with new ones. Make sure the battery polarity is correct.

1. Remove the cover of the batteries.
2. Replace the batteries with new ones and make sure polarity is correct.
3. Close the cover.

①

② AAA AAA

③
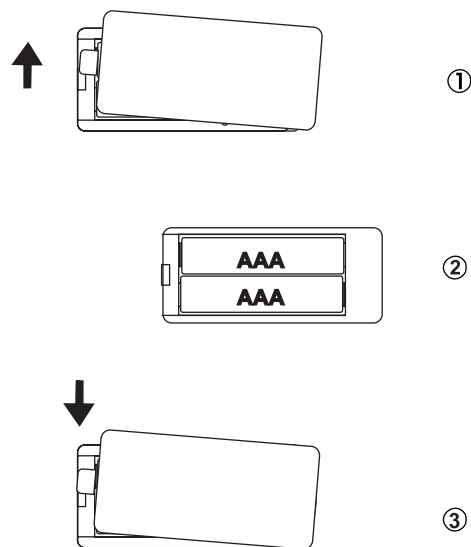
⚠ **Warning!**
Improperly handle the battery may result in hazardous explosion. It cannot be charged, disassembled or thrown into fire.

SUBTITLE LANGUAGE
Following options are available for the SUBTITLE LANGUAGE:

ENGLISH	GERMAN	SPANISH	FRENCH	PORTUGUESE
LATIN	ITALIAN	KOREAN	ROMANIAN	DUTCH
SWEDISH	CZECH	POLISH	HUNGARIAN	

MENU LANGUAGE
Following options are available for the MENU LANGUAGE:

ENGLISH	GERMAN	SPANISH	FRENCH	PORTUGUESE
LATIN	ITALIAN	KOREAN	ROMANIAN	DUTCH
SWEDISH	CZECH	POLISH	HUNGARIAN	

DIVX LANGUAGE
Following options are available for the DIVX LANGUAGE:
CENTRAL   EU
WESTERN   EU
KOREAN

AUDIO SETUP

AUDIO OUT
Following options are available for the AUDIO OUT:
SPDIF / OFF   SPDIF / RAW   SPDIF / PCM

KEY
Following options are available for the KEY:
b   -4   -2   0   +2   +4   #

TV TYPE
Following options are available for the TV Display:
4 : 3 PS   4 : 3 LB   16 : 9

PASSWORD
Setup the password for Parental Ratings change. The default password is 0000.

RATING
Following options are available for the Parental Ratings:
1 KID SAFE   2 G   3 PG   4 PG 13
5 PG - R   6 R   7 NC - 17   8 ADULT
The Parental Ratings could be changed after the correct password input.

DEFAULT
The unit will restore all default settings by selecting this option.

LANGUAGE SETUP

OSD LANGUAGE
Following options are available for the OSD LANGUAGE:
ENGLISH   GERMAN   SPANISH   FRENCH   PORTUGUESE
LATIN   ITALIAN   KOREAN   ROMANIAN   DUTCH
SWEDISH   CZECH   POLISH   HUNGARIAN

AUDIO LANGUAGE
Following options are available for the AUDIO LANGUAGE:
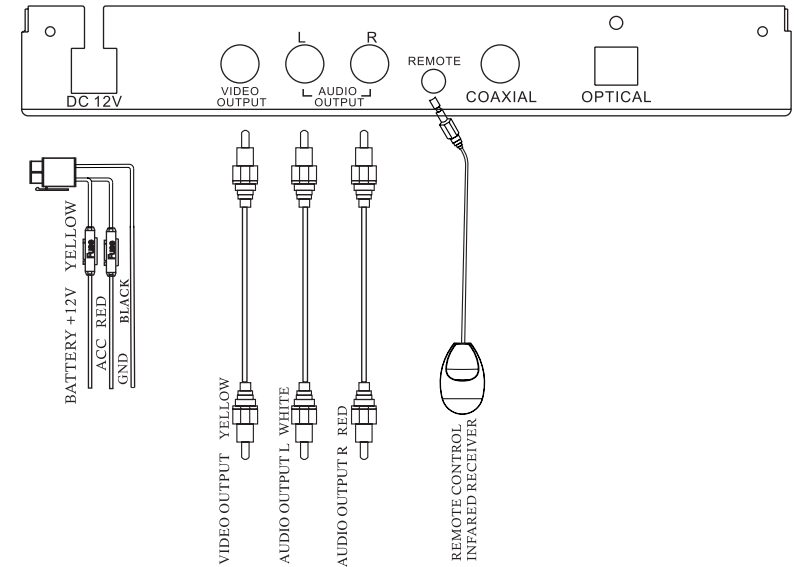ENGLISH   GERMAN   SPANISH   FRENCH   PORTUGUESE
LATIN   ITALIAN   KOREAN   ROMANIAN   DUTCH
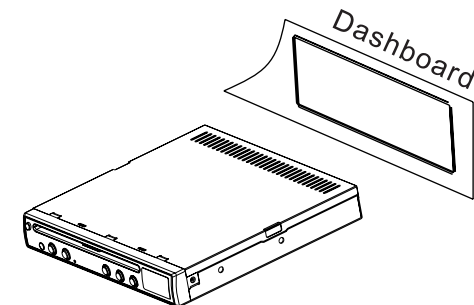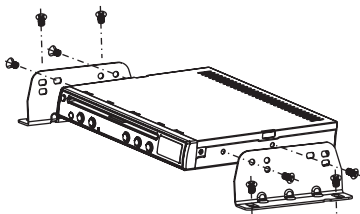SWEDISH   CZECH   POLISH   HUNGARIAN

WIRE CONNECTION

UNIT INSTALLATION

Installation Method 1: Din Front-Mount

Install the Mounting Box into the dashboard.

Dashboard

Method 2 ≫

Select a position where the screw holes of the Mounting bracket supply with the car and the screw holes of the main unit become aligned, tighten the screws on each side then fasten them to car.

DISC NOTES

■ **Disc formats supported by this player**

(Only 12cm disc)

Handling and Cleaning ≫
● Dirty, dusty, scratched or warped discs may not play properly.
● Do not place stickers or make scratches on discs
● Do not warp discs.
● Store discs in their cases when not in use.
● Do not place discs in the following places:
　　1. Direct sunlight.
　　2. Dirty, dusty and damp areas.
　　3. High temperature places.
　　4. On the sets or dashboard.

Disc Cleaning ≫
Use a dry soft cloth to wipe the surface. If the disc is quite dirty, use a soft cloth slightly moist with isopropyl (rubbing) alcohol.
Never use solvent such as benzene, thinner or conventional record cleaners which may mar the surface of the disc.

Note: ✎
A disc may became somewhat scratched (although not enough to made it unusable) depending on your handing it in the condition of the usage environment. These scratches are not an indication of any problem with the player.

DVD SETUP MENU

SETUP MENU OPERATION

Press the [SETUP] button of Remote Control to enter the SETUP Menu.
Press the [<] / [>] buttons to switch the main menus as following:
SYSTEM LANGUAGE AUDIO VIDEO SPEAKER DIGITAL
Press the [∧] / [∨]button to enter the submenus from main menus.
Press the [∧] button on the top submenu or press the [∨] button on the bottom of submenu to exit the submenus to main menus.
Press the [∧] / [∨] buttons to select the submenus as your need.
Press the [>] button to enter the items of submenus.
Press the [<] button to exit the items of submenus.
Press the [∨] / [∧] buttons to select the item you want to change.
Press the [ENTER] button to confirm the item you have selected.
Press the [SETUP] button or press the [ENTER] button on the submenu "EXIT SETUP" to exit the SETUP Menu and save all settings.

SYSTEM SETUP

TV SYSTEM
Following options are available for the TV Display:
NTSC　　　PAL 60　　　PAL　　　AUTO
SCREEN SAVER
Select ON or OFF.

VIDEO
Following options are available for the TV Display:
INTERLACE-YUV　　　TV-RGB　　　P-SCAN YPBPR　　　S-VIDEO

RANDOM ≫
Press the button to play any track of random. Press it again to return to normal playing . It takes no effect as DVD, VCD(PBC ON).

SLOW ≫
Press the button to slow forward. It takes effect as DVD disc.

PROGRAM ≫
When playing VCD(PBC OFF), press STOP button then PROGRAM button to enter the program menu. It takes no effect as DVD disc.

A-B ≫
Press the button to make the disc repeated between point A and point B. Press the button once to select point A and press again to select point B. Then the unit will repeat the content between A and B. To make the disc played normally, just press A-B button the third time. It takes no effect as VCD（PBC On）or MP3/WMA.

TITLE ≫
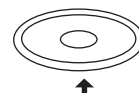Press the button to title menu when playing DVD disc.

AUDIO ≫
Press the button to select the audio channel.
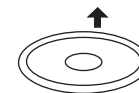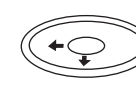
Label side up

Do not bend

Do not touch the underside of the disc

Wipe the disc from the centre toward edge

Repairing New Discs with Rough Spots ≫

A new disc may have rough edges on its inside and outside edges. If a disc with rough edges is used, the proper setting will not be performed and the player will not play the disc. Therefore, remove the rough edges in advance by using a ballpoint pen or pencil. To remove the rough edges, press the side of the pen or pencil against the inside and outside edges of the disc.

PREPARATION »

If you want to play a disc, firstly you should push POWER button to turn on the set. Place the disc into the set and the unit will automatically start to play.

RESET »

Press this button to reset the unit system. If you want to use the unit after reset it, you should press POWER button again.

MUTE »

Press this button to mute sound. Press it again to cancel this function.

VOLUME ADJUSTMENT »

Press VOL+/VOL- button to adjust sound volume.

PLAYING DISC »

Insert a disc into the Disc Loading Slot, the unit will automatically switch on.If a disc is loaded, the unit starts playing.

EJECT »

Press this button to eject or load the disc. At the abnormal situation, press the EJECT button for seconds to eject the disc.

PLAY/PAUSE »

Press the button to play a disc or to make it pause.

STOP »

During playing, press the button one time, the DVD player memorizes the location where you stopped (press PLAY button to resume playing from the memorized point); Press the button again to stop playing (press PLAY button to start playing from the beginning of the disc).

FAST REVERSE/FAST FORWARD »

Press the button to select fast reverse/fast forward and speed.

DISPLAY »

Press this button to display the current playback information on the screen. When play DVD, you can select title, chapter, time, audio, subtitle, angle, sound in turn by pressing direction buttons and pressing enter button to confirm. When play VCD,you can select track(PBC OFF)/PBC(PBC ON), time, audio, sound in turn by pressing direction buttons and pressing enter button to confirm.

ZOOM »

Press the zoom button during normal playback to zoom a picture. Press this button repeatedly to change the magnification levels.

REPEAT »

When playing DVD disc, press the button to repeat the title or chapter; When playing VCD(PBC OFF)/CD/MP3 /WMA Disc, press the button to repeat one track or all tracks.

SETUP »

Press this button to enter setup menu.

ANGLE »

Press Angle button to select different filming angles stored on the DVD media during playback. It takes effect as some angles stored DVD disc.

PBC »

Press this button to select PBC on or off during playing VCD disc. When PBC on, the screen display the menu, you can choose any track; when PBC OFF, it starts to play the disc in order.

MENU »

Press this button to return boot menu during playing DVD disc. When VCD disc in, it is the same as PBC function.

NUMBER BUTTON »

Push the buttons to play your favorite track. If the track is from 1 to 9, you can directly press the number. If the track number is more than 9, you can press number buttons in sequence to select the track.When DVD disc in or VCD disc (PBC ON) in, press PBC/MENU to root menu then select the track.

DIRECTION BUTTON AND ENTER BUTTON »

Press the DIRECTION button to move the cursor to the select item, and then press the ENTER button to confirm it.

PREVIOUS/NEXT »

When playing DVD/ CD/ MP3 /WMA disc, press PREVIOUS/NEXT to select the previous/next chapter or track. If the playing chapter, song or track have played over 3 seconds, press PREVIOUS button, it will come back to the same chapter, song or track, you should press PREVIOUS button two times to the previous one.

P/N »

Press the button to select video output (PAL/NTSC/AUTO). When DVD/VCD disc in, press STOP button then select the video output. When MP3/CD/ WMA disc in, it takes effect of P/N button unless eject the disc.