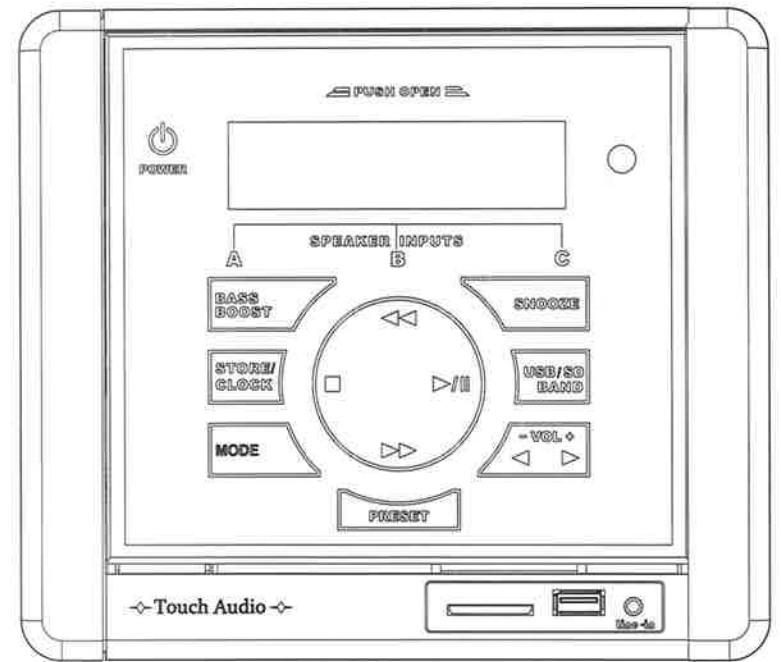


Touch Audio

VD-400i



BEFOR USING PLEASE READ THIS MANUAL CAREFULLY

IMPORATANT SAFETY PRECAUTIONS

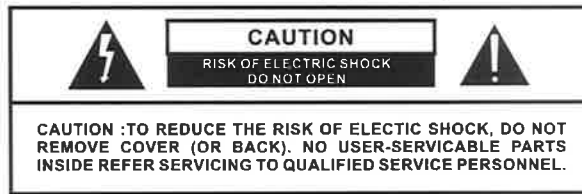


This symbol is to the user to the presence of uninsulated dangerous voltages inside the product's enclosure that may constitute a risk of electric shock.



This symbol is to alert the user to important operating and maintenance (service) instructions in this manual and literature accompanying the product.

Caution Marking Explanation



WARNING: CHANGES OR MODIFICATIONS TO THIS UNIT NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE WILL VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT. ANY CHANGE TO THE EQUIPMENT WILL VOID FCC GRANT.

This equipment has been tested and found to comply with the limits for a Class C digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, used and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the separation into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and (2) this device must accept any interference received,

When receiving the radio signal, press <Down>key choosing form high to low, press <Up> key choosing from low to high.

- Press the <Up> and <Down>key to select WB channels.

REMARK: If the radio signal is not received well, adjust the antenna to the most adequate position is recommended.

WEATHER BAND OPERATION

- Press <Mode> button switch to weather band.
- Set the Weather band to your local Weather frequency. When the radio is off, press <Mode> button to turn on the Weather alert function. Weather will be shown on the LCD. When there is a Weather alert, the alarm will go off, unit will turn on to the Weather band. NOAA activate on Standby, Aux In, AM or FM modes automate.

TECHNICAL SPECIFICATIONS

Laser	Wave length 650mm
Video	AUTO/NTSC
Frequency response	20 Hz-20KHz
Signal/noise ratio	>95dB
Audio	<-60dB(1KHz)
Channel separation	>85dB(1KHz)
Dynamic rang	>80dB(1KHz)
Video out	output level:1vp-p/ Load impedance :75 ohm imbalance/ negative polarity
Power supply	DC 12V 10A or AC/DC adaptor 120VAC 60Hz(Optional)
Power consumption	<50W
Dimensions (WxHxD)	225(L)x185(H)x165.5(D)mm
Weight	Around 1.6kg
Turner	AM/FM/WB/NOAA
AM Frequency range	AM 520 ~ 1710KHz
FM Frequency range	FM87.5 ~ 108MHz
WB CH1 ~ CH7 MHz Frequency range	CH1: 162.400 MHz CH2: 162.425 MHz CH3: 162.450 MHz CH4: 162.475 MHz CH5: 162.500 MHz CH6: 162.525 MHz CH7: 162.550 MHz
Output power	200W PMPO

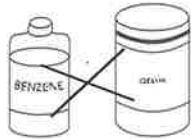
Care of discs

Protection



- When loading or removing the discs, always hold them by the center and edge.
- Do not stick or write anything on the surface. Protect discs against any fingerprint.

Cleaning



Wipe the disc from time to time using a soft cloth. Always wipe from the center toward the edge.

Storage

- Never warp the discs. During no-use periods; store them in their cases, which should be kept vertically. Do not expose disc to high temperature, or else it may cause damage to the discs.
- Do not expose discs to direct sunlight.

The DVD player contains laser devices. The top cover of the DVD module acts as a protective housing. Laser radiation is dangerous when the top cover is removed or opened. Avoid direct exposure to be during service or repair.

Manufactured under license from Dolby Laboratories. "Dolby, Pro logic" and the double-D Symbol are trademarks of Dolby Laboratories.

This product incorporates copyright protection technology that is protect by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Microvision Corporation. Reverse engineering or disassembly is prohibited.

RADIO OPERATION

Press the <Mode> key to switch to radio mode, and then select the FM/AM band.

This unit has 10FM and 10AM radio station memories (preset).

- Press <Up> or <Down> key longer then 2 seconds to auto search. Press <Up> or <Down> key on the remote control to select frequency.

Press Up key search for the frequency from low to high end.

Press Down key search for the frequency from high to low end.

- Press <Memo> to memorize program of AM/FM When you press Memo for the first time, the station number will be flashing. Press Memo again to stop flashing and save the station number.
- Press <Band/Func> to choose the FM/AM band, LCD will be displaying radio frequency.
- Press <CH+> or <CH-> key to select memorized stations.

including interference that may cause undesired operation.

CAUTION: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR COR. IF THIS HAPPENS, BE SURE POWER TO THE ELECTRICAL OUTLET IS TURNED OFF BEFORE YOU TOUCH OR UNPLUG THE APPLIANCE.

Outdoor Use and Wet Location Warning

Note:

- Important safety instructions shall be provided with each appliance. This safety may be in the form of a separate booklet, separate sheet, or part of the instruction manual.
- If included in the instruction manual, the safety instruction shall be located before any operating instructions.
- These instructions shall be entitled :IMPORTANT SAFETY INSTRUCTIONS:
- The safety instructions shall include, as applicable to the particular apparatus, the information and warnings listed before. The wording is capable of being supplements, although not replaced, by drawing or cartoons.
- The symbol shall be shown adjacent to the text of Important Safety Instructions.
 - READ INSTRUCTIONS** –All the safety and operating Instructions should be read before the product is operated.
 - RETAIN INSTRUCTIONS** – The safety and operating Instructions should be retained for future reference.
 - HEAD WARING** – All warnings on the appliance and in the operating instructions should be adhered to.
 - FOLLOW INSTRUCTIONS** – All operating and instructions should be followed.

IMPORTANT SAFETY PRECAUTIONS



Installation

- *Operate the unit only from a power sources as indicated on the unit or in the operating instructions.
- *Overloaded AC outlets and extension cords are dangerous and so are frayed cords and broken plugs. Call your service technician for replacement of such cords and plugs.
- *Audio products are provided with ventilation opening to allow heat generated during operation to be released. If these openings are blocked, heat-build –up within the set may failure which may result in a fire hazard.

Therefore:

- Never block the ventilation openings of a unit by placing it on a bed, soft rug, etc.
- Never place a set in a built-in enclosure unless proper ventilation is provided.
- Never cover the opening with cloth or other material.
- Do not install near heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

To avoid personal injury:

- The manufacturer recommends that this unit not be mounted on a wall or ceiling.
- Carefully follow the operating instructions when making connections.

3. Do not insert tools, hands, or fingers in openings (such as a tape slot), especially if the unit is connected to a power source.

WARNING

Do not turn on your stereo system with the volume at maximum. This will damage your speakers and void your warranty.

Getting your system ready for use

Choose an area away from heat. Allow about three(3) inches between the cabinet back and the wall for proper ventilation. Place your system near an AC outlet supplying common household current (105-120V AC60Hz) (If applicable).

Grounding or polarization

Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. When the provided plug does not fit into your outlet., consult an electrician for replacement of the obsolete outlet (If applicable).

Power cord protection

Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus (If applicable).

Only use attachments/ accessories specified by the manufacturer.

Carts and stands

Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart / apparatus combination to avoid injury from tip-over.



Water and Moisture

The appliance should not be used near water, for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement or near a swimming pool and the like.

IMPORTANT SAFETY PRECAUTIONS

Cleaning

The appliance should be cleaned only as recommended by the manufacturer.

Non-use periods

Unplug this apparatus during lightning storms or when unused for long periods of time.

Object and liquid entry

<Program> Key

For your convenience, we have enlisted some points to help solve problems you might encounter while using DVD player.

No Sound

*Make sure the good connection between player and other appliances such as power amplifier or TV.

*Make sure the right operation on TV and power amplifier.

No picture

*Make sure the good connection between player and other appliances such as TV.

*Make sure TV works well.

*Make sure the DVD player is in correct mode, otherwise, press<Setup> key to select NTSC or others.

Disc does not play

*Make sure the disc is loaded correctly (label side is facing up on the disc tray).

*Make sure the disc is clean

Remote controller does not work

*Move the obstacle between player and remote controller away.

*Point the remote controller at the remote control sensor.

*Check the batteries.

Picture dividing

*Make sure the disc is clean and no any scratch on it.

*For the player is controlled by micro-computer, if encountering problem, switch off the power first, and switch on again in a few seconds. If no mistake notice is displayed, the player could work well.

SAFE MODE

The main unit will be in safe mode if it does not respond to any operation due to interference by accident or strong noise signals. To resolve this problem, you must pull out the power cord and plug it in again later 10 seconds.

Notes on condensation

Occasionally, condensation may occur within the device, resulting in drops of water forming on the optical pick-up inside the unit. This is much like the condensation that takes place on a glass of cold water. This condensation may affect the overall performance of the machine.

Condensation occurs when:

1. It is moved from a cold area to a warm area.
2. Its surrounding area is exposed to a sudden change in temperature, for example, when located near an air-conditioner.
3. In summer, the unit is moved from a hot and humid environment immediately into an air-conditioned room.
4. The device is in a humid environment.

Distance: within 7m from the front of the remote control sensor.

Angle: within 30C each direction of the front of the remote sensor. Do not expose remote sensor of the DVD player to a strong light source such as direct sunlight or other illumination. If you do so, you may not be able to operate the DVD player via the remote control.

Notes on the remote control

*Direct the remote control at the remote sensor of the DVD video player.

*Do not drop or give the remote control a shock.

*Do not put heavy object on the top of the remote control.

*Do not spill water or any liquid on the remote control.

*Do not open the remote control.

MP3 is an audio compression mode using Level 3 of the international standard MPEG, whereby sound signal is compressed in a rate of 12:1. A Mp3 disc can record music for playing of over 600 minutes or record over 170 songs, rivaling CD's in sound quality.

MPEG4 is setup by MPEG (Motion Picture Experts Group) a fourth edition audio and video standard. MPEG1 is audio and video compress standard for VCD, MPEG2 is audio and video compress for DVD. MPEG4 is one of internet audio and video compress standard. Its most prominence character is its high compress rate and high definition. A piece of DVD can be compressed and stored into one or two pieces of CD-P disc with MPEG4 format, and the picture quality is better than VCD.

To play a Mp3 or MPEG4 disc

Select the track by using direction buttons

1. Follow the basic operating instructions to insert MP3 or MPEG4 disc, this machine will start to search the information on the disc and show it in the display.

2. Press direction key to select MP3 or MPEG4 files and press <ENTER> key to play.

Kodak Picture CD Playback

JPEG adopting the most efficient compression is widely used as picture storage type flattened and Stored format. Even if pictures are compressed 1.5-20 times, they still have good effect. Supported by most picture processing software, it is fit for picture storage. It has small data and can read JPEG format picture CD disc.

Select to play by menu

1. Put in a disc, the machine arches disc information and main menu displays on screen. Press number key from 1 to select picture, press play key to make sure.

2. Press direction key to select picture, then press <Enter> key to make sure.

3. In condition of stop, press direction key to select other pictures.

4. In condition of stop, select the first line file item on the right, then press play key to returns to upper menu.

Other functions:

When playing picture CD, the machine allows pause, repeat and browsing. Use the <Next> or <Previous> key to browse. Press <Zoom> key to enlarge picture. While in zoom mode press fast forward or backward to control the zoom direction keys. The type of slide show transition can be selected from the navigation menu or simply by pressing

Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings. Damage requiring service.

The appliance should be serviced by qualified service personnel when:

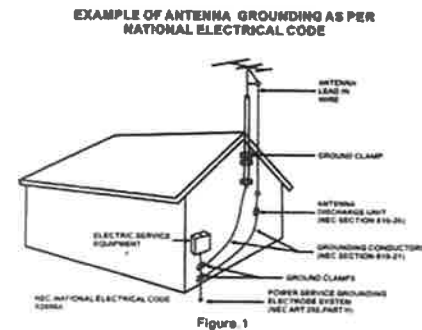
- A. The power supply cord or the plug has been damaged.
- B. Objects have fallen, or liquid has been spilled into the appliance.
- C. The appliance has been exposed to rain.
- D. The appliance does not appear to operate normally or exhibits a marked change in performance.
- E. The appliance has been dropped; or the enclosure damaged.

Servicing

Do not attempt to service the appliance beyond that which is described in the operating instructions. All other servicing should be referred to qualified service personnel.

Outdoor antenna grounding

If an outside antenna is connected to the receiver, be sure the antenna system is grounded so as to provide some protection against voltage surges and built up static charges. Section 810 of the National Electric Code, ANSI/NFPA NO.70-1984, provides information with regard to proper grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See Figure 1.








CAUTION: To prevent electric shock, do not use this (polarized) plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.

NOTE: Do not connect FM antenna to outside antenna. Please disregard all outdoor references in the important safety instructions.

WARNING: The mains plug is used as the disconnect device; the disconnect device shall readily operable. Always remember to remove the plug from the mains socket before disconnecting the power lead from the back of the unit and Class II Symbol Explanation:

Double insulation. This is class II apparatus.

COMPATIBLE DISCS

MARK	CONTENT	SIZE
	AUDIO + VIDEO	12CM 8CM
	AUDIO + VIDEO	12CM 8CM
	AUDIO + VIDEO	12CM 8CM
	AUDIO	12CM 8CM
	AM/FM TUNER	

ACCESSORIES

- 1 X Instruction manual
- 1 X Remote control
- 1 X FM-Antenna (Pig Tail)
- 1 X RCA-Cable (Video)
- 1 Pair X RCA-Cable (Audio)
- 2 X Batteries (UM-4)
- 6 X Mounting Screws
- Wire Harness for power and speakers
- DC Power extension (Red and black wire) wire
- AC/DC Adapter 120VAC 10A DC (AD7212B, Optional)



- Insert the batteries AAA (UM-4), make sure to match + and - of the batteries to the marks in the battery compartment.



- Close the battery cover.



NOTE: Improper use of the batteries may cause battery leakage and corrosion. To operate the remote control correctly, follow the instructions below:

Do not insert batteries into the remote control in the wrong direction.

Do not charge, heat, open or short-circuit batteries. Do not throw batteries into a fire.

*Do not leave dead or exhausted batteries in the remote control.

*Do not use different types of batteries together or mix old and new batteries.

*If you not use the remote control for a long period of time, remove the batteries to avoid possible damage from battery corrosion.

*If the remote control does not function correctly or the operating range becomes reduced, replace all batteries with new ones.

*If battery leakage occurs, wipe the battery liquid form the battery compartment, and then insert new batteries.

The batteries can be used for one year in normal condition.

Operation of the remote control

This is for instructions how to use the remote control.

19. B

Press this button to select the B 2 speaker channels.

20. C

Press this button to select the C 2 speaker channels.

21. RETURN

Press this button to select root menu.(At DVD mode only)

22. PREV

Press this button to skip back to the previous selection program.

23. NEXT

Press this button to skip to the next chapter/tracks.

24. TITLE

Press this button, the selection menu of the DVD disc will appear.

25. ZOOM

During VCD/SVD/DVD playback, press <Zoom> to magnify the image.

26. MENU

Press this button to switch the menu mode. For a DVD disc, in menu off mode, press STOP button first. Press< MENU> to open the menu during playback.

27. TONE

Press this button to select Bass and Treble mode, Press up and down key to adjust for +/-10dB value.

28. DOWN

Press this button to select and change Modes and Features Setup

29. STOP

Press this button to pre-stop the player. Press <Play/Pause> button, the DVD player will resume playing.

30. CH +

Press this button to select the next program.

31. PALY/PAUSE

Press this button to play,. Press this button again to pause the player.

32. VOLUME -

Press this button to decrease output volume.

33. VOLUME+

Press this button to increase output volume.

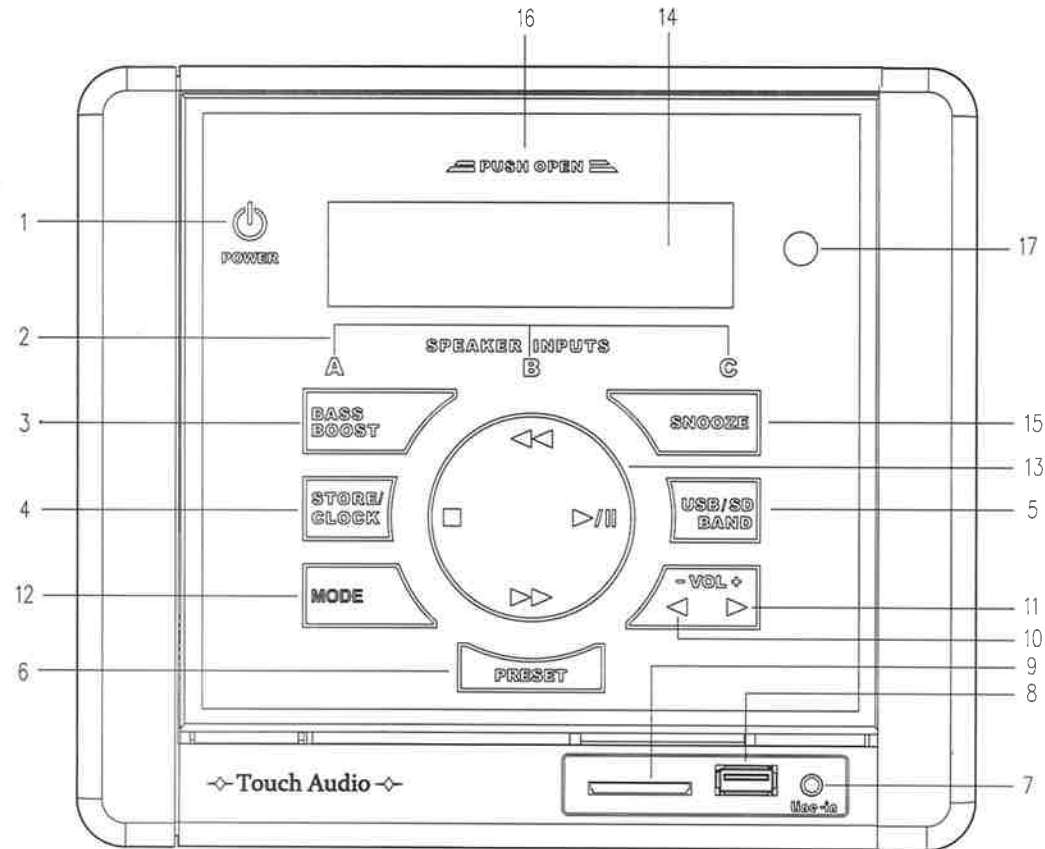
INSTRUCTIONS FOR REMOTE CONTROL

At first, place the batteries into the remote control. Then you can use remote control to operate DVD player:

- Open the battery compartment.

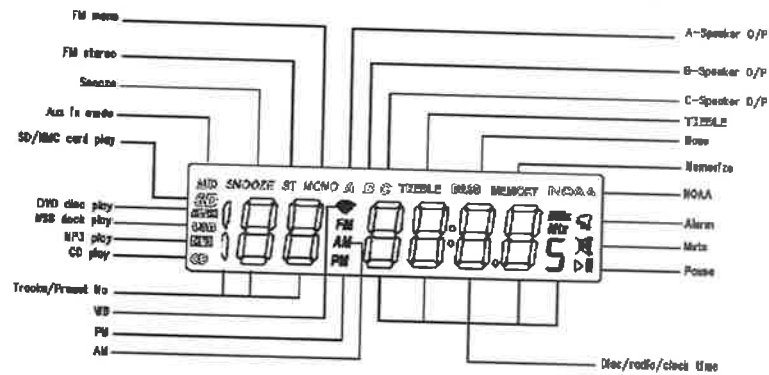
REFERENCE DRAWING FOR TOUCH PANEL

Location of Controls



- | | | | | | |
|----|----------------------|----|------------------------|----|------------------|
| 1 | POWER | 2 | A/B/C SPEAKER SELECTOR | 3 | BASS |
| 4 | MEM/CLOCK | 5 | USB/SD/BAND | 6 | PRESET |
| 7 | iPod & MP3 (AUX IN) | 8 | USB DOCK | 9 | SD/MMC CARD PORT |
| 10 | VOLUME DOWN | 11 | VOLUME UP | 12 | MODE |
| 13 | STOP/PLAY/STOP/FF/FR | 14 | LCD DISPLAY | 15 | SNOOZE |
| 16 | DOOR LOCK(PUSH/OPEN) | 17 | REMOTE SENSOR | | |

DVD/USB/SD/AUX/RADIO/WB ICONS DISPLAY

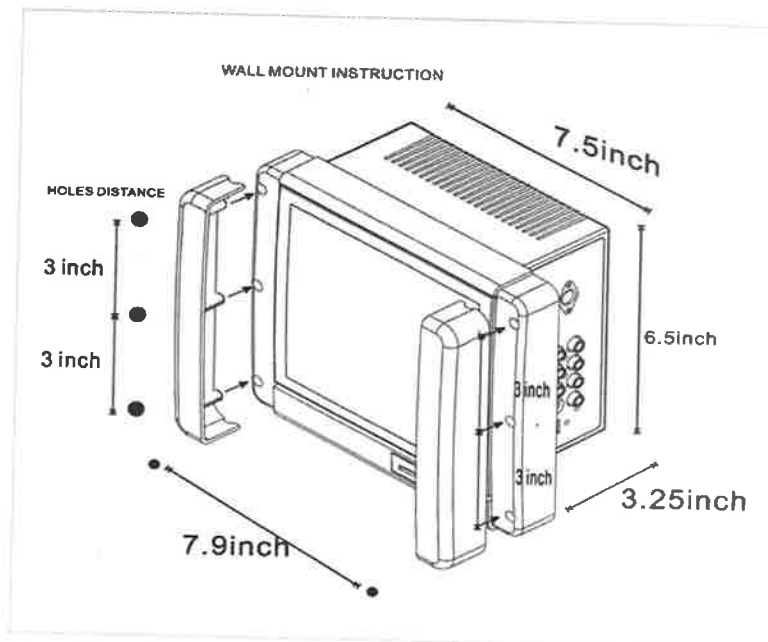


MOUNTING AND CUT OUT INSTRUCTIONS

The 6X mounting screws are in the owner's manual bag.

Note:

- Remove the screw covers, slide top and bottom easy out.
- First connect all wires test then mount on the wall or cabinet.
- Screw the unit in place, replace screw caps.



2. POWER

Select power on or standby mode.

3. MODE

Press this button to select DVD, AUX IN, RADIO, WB mode

4. ALARM

On standby mode, press this button longer than 2 seconds to enter into alarm mode setting; adjust alarm clock time with UP/DOWN. Press alarm button once alarm on or off.

5. BAND/FUNC

Press this button to choose FM or AM band; On DVD mode to select DVD, USB or SD mode. Note: SD/USB modes only available when disc ejected.

6. MEMO/CADJ/SETUP

Press this button to memorize radio stations desired and set the clock time.

7. UP

Press this button to select and change Modes and Features Setup

8. SETUP

Press this button and the setup screen will appear for your setting.

9. SNOOZE/ENTER

Press this button to confirm menu and a snooze at 9 minute.

10. CH -

Press this button to select the previous program.

11. REPEAT

For DVD disc, press this button to repeat the current chapter, press it again to repeat the program of current title.

12. SUBTITLE

Press this button to select the language of the subtitle such as FRANCE, ENGLISH etc. Each time it is pressed, the subtitle language will switch to another one.

13. LANGUAGE

Press this button to select a language for the instruction, press again for the next language.

14. PROGRAM

Press this button to memorize the desired program.

15. OSD (ON SCREEN DISPLAY)

Press this button, the TV screen then presents the time information such as time used and time left on the disc.

16. FWD (FORWARD >>)

Press this button to play fast backward without audio. Each time when pressed, the fast backward speed will change a level. Finally it will return to the normal playback speed.

17. REV (<<)

Press this button to play fast forward without audio. Each time when pressed, the forward speed will change a level. Finally it will return the normal playback speed.

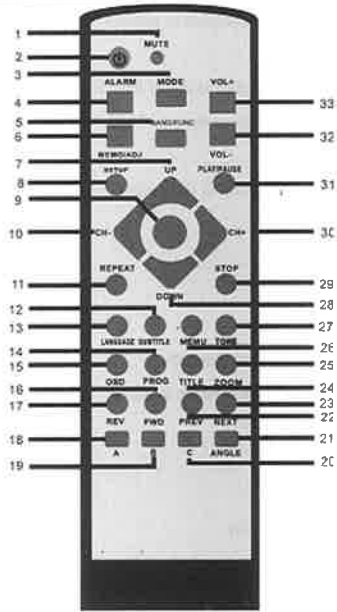
18. A

Press this button to select the A 2 speaker channels.

SNOOZE Pad

- Touch <SNOOZE> pad area to confirm a snooze at 9 minutes.

REMOTE CONTROL INSTRUCTIONS

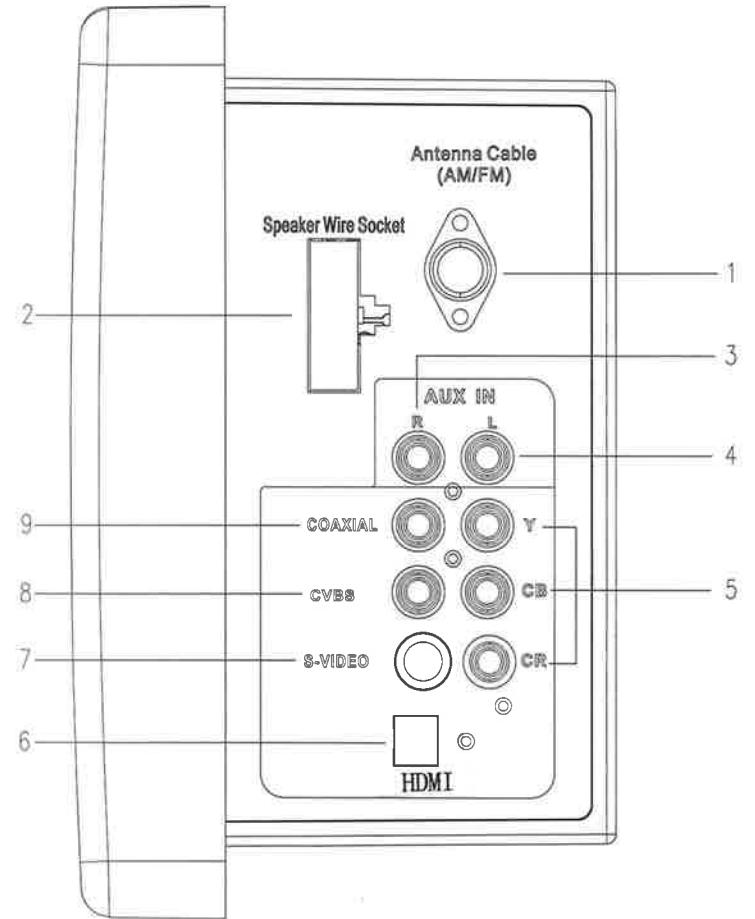


1 MUTE	2 POWER	3 MODE
4 ALARM	5 BAND/FUNCTION	6 MEMO/CADJ
7 UP	8 SETUP	9 SNOOZE/ENTER
10 CH -	11 REPEAT	12 SUBTITLE
13 LANGUAGE	14 PROGRAM	15 OSD
16 FWD	17 REV	18 A (SPEAKER CHANNEL)
19 B (SPEAKER CHANNEL)	20 C (SPEAKER CHANNEL)	21 RETURN
22 PREV	23 NEXT	24 TITLE
25 ZOOM	26 MENU	27 TONE
28 DOWN	29 STOP	30 CH +
31 PALY/PAUSE	32 VOLUME-	33 VOLUME+

1. MUTE

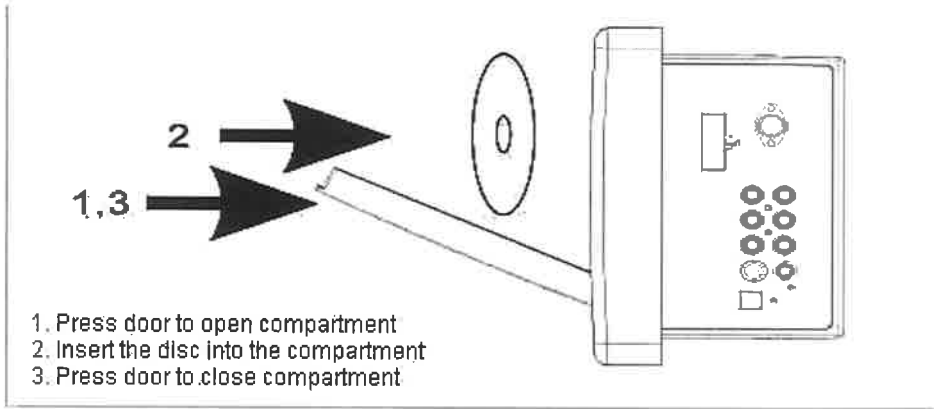
Press this button to shut off the audio, press it again to activate audio.

REFERENCE DRAWING FOR SIDE PANEL

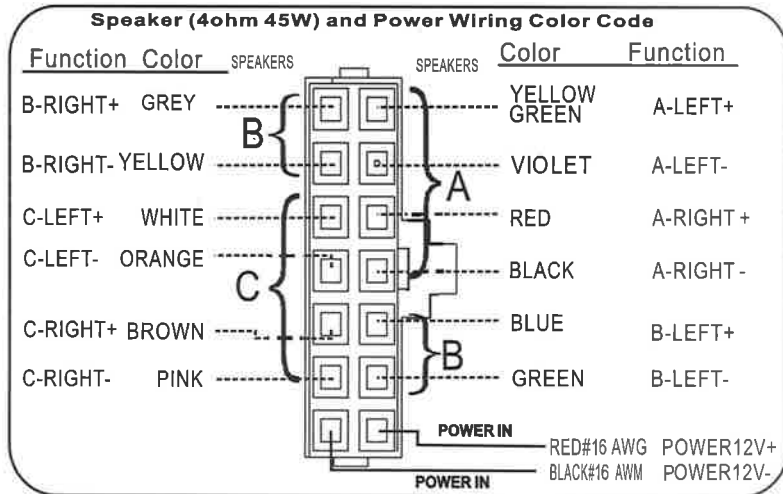


1 Automotive antenna socket (AM/FM/WB)	2 Wire harness for 12V DC power and 6 speakers
3 Aux -In (R) TV audio input	4 Aux -In (L) TV audio input
5 Component video output(Y.CB.CR/YUV)	6 HdmI output
7 S-video output	8 CVBS (Video output)
9 Coaxial output (Digital)	

CD Compartment



Wire harness for 12V DC power & 6 speakers guide diagram



Pay attention to the wiring connection: Wrong connection or reverse polarity (+ / -) can cause distortion

TOUCHPADS PANEL OPERATION

Power Pad

Select power on or standby mode.

- Touch <POWER> pad area to turn on unit or standby mode.
- While the player is on standby, touch <POWER> pad area to resume play disc.

STORE/CLOCK Pad

- At standby mode, Touch <STORE/CLOCK> pad area to adjust real clock time with FF/FR.
- On Radio mode, Touch<STORE/CLOCK> pad area to preset AM/FM stations desired.

PUSH OPEN (LOAD/UNLOAD), it is a mech button.

- To push <PUSH OPEN> in green color area to open the DVD door to load/unload disc.

VOL+/VOL- Pads

- Touch <VOL+> pad area to increase volume.
- Touch <VOL-> pad area to decrease volume.

PLAY/PAUSE Pad

- Touch <PLAY/PAUSE>pad from stop mode to start playback.
- Touch <PLAY/PAUSE>pad again from play mode to pause mode.

STOP Pad

- Touch <STOP> pad to stop playing.

A Pad

- Touch <A> pad area to select A 2 speaker's channels.

B Pad

- Touch pad area to select B 2 speaker's channels.

C Pad

- Touch <C> pad area to select C 2 speaker's channels.

BASS BOOST Pad

- Touch <BASS BOOST>pad area to activate the bass tone by +10dB directly.
- Press <TONE> button from remote controller to select Bass or Treble mode, press up & down buttons to adjust for +/- 10dB value and "Bass & Treble" indicator will be displayed on LCD.

FR Pad

- Touch <FR> pad area to play the previous chapter, title or track.

FF Pad

- Touch <FF> pad area to play the next chapter, title or track.

MODE Pad

- Touch <MODE> pad area to select DVD, AUX IN, RADIO or WB mode.

PRESET Pad

- On radio mode, Touch <PRESET>pad area to option AM/FM presented stations

USB/SD/BAND Pad

- On radio mode, Touch <USB/SD/BAND>pad area to select AM/FM band. On DVD mode switch USB/Card/DVD mode,. Note: SD/USB mode only available when disc ejected.