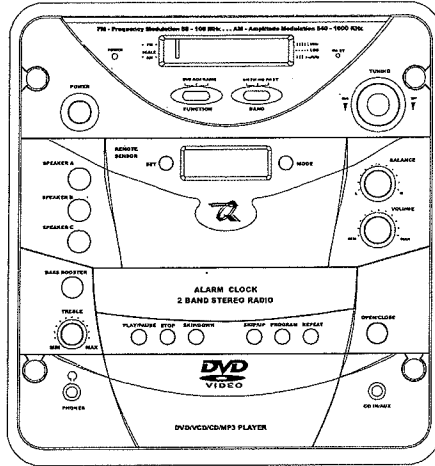


OWNER'S MANUAL

QX-3202DVD

IN-WALL TIME CLOCK /AM/FM RADIO/ DVD/VCD/CD/MP3 PLAYER



CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOSTURE. DO NOT OPEN CABINET. REFER SERVICING TO QUALIFIED PERSONNEL ONLY.



The lightning flash and arrowhead within the triangle is a warning sign alerting you of "dangerous voltage" inside the product.



The exclamation point within the triangle is a warning sign alerting you of important instructions accompanying the product.

Please record the serial number located on the rear of the unit in the space below.

Serial Number _____

IMPORTANT NOTES

- Avoid installing the unit in locations described below:
 - Places exposed to direct sunlight or close to heat radiating appliances such as electric heaters.
 - On top of other stereo equipment that radiates too much heat.
 - Places lacking ventilation or dusty places.
 - Humid or moist places.
- Operate controls and switches as described in the manual
- Before turning the power switch on for the first time, make sure all necessary connecting cords are properly installed.

IMPORTANT SAFEGUARDS

SAFETY POINTS YOU SHOULD KNOW ABOUT YOUR AUDIO EQUIPMENT.

(FOR U.S.A)

CAUTION:

- **Read all of these instructions.**
 - **Save these instructions for later use.**
 - **Follow all warnings and instructions marked on the audio equipment.**
1. **Read Instructions** – All the safety and operating instructions should be read before the appliance is operated.
 2. **Retain Instructions** – The safety and operating instructions should be retained for future reference.
 3. **Heed Warnings** – All warnings on the appliance and in the operating instructions should be adhered to.
 4. **Follow Instructions** – All operating and use instructions should be followed.
 5. **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

6. **Carts and Stands** – The appliance should be used only with a cart or stand that is recommended by the manufacturer.
A. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.
7. **Wall or Ceiling Mounting** – The appliance should be mounted to a wall or ceiling in accordance with the mounting dimensions.
8. **Ventilation** – The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug or a similar surface that may block the ventilation openings; or place in a built-in installation, such as a bookcase or cabinet that may impede



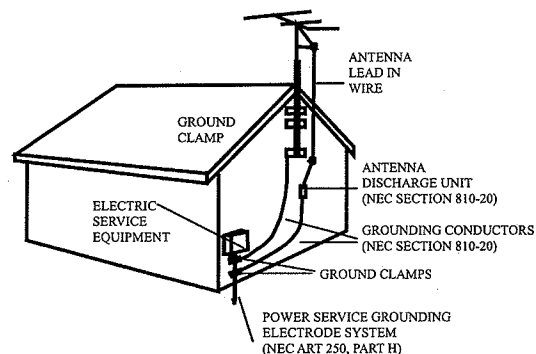
2

the flow of air through the ventilation openings.

9. **Heat** – The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
10. **Power Sources** – The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.
11. **Grounding** – The precautions that should be taken so that the grounding means of the AC connecting power cord is not defeated.
12. **Power-Cord Protection** – Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.
13. **Cleaning** – The appliance should be cleaned with a slight dampened cloth. Do not use harsh chemicals, cleaning solvents, strong detergents, etc.
14. **Power lines** – An outdoor antenna should be located away from power lines.
15. **For Speaker Connections** – Eighteen (18) American Wire Gauge (AWG), Standard Wire, or larger, must be used. The wire of preference is 18/2 AWG Standard. Failure to use 18 AWG Standard Wire, or larger, will void the product warranty.
16. **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 Electrical Code. ANSI/NFPA NO. 70-1984, provides information with respect to proper grounding of the mast and supporting structure, 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 below.

EXAMPLE OF ANTENNA GROUNDING ACCORDING TO NATIONAL ELECTRICAL CODE



Notes:

- a. Use No. 10 AWG copper or No. 8 AWG aluminium or No. 17

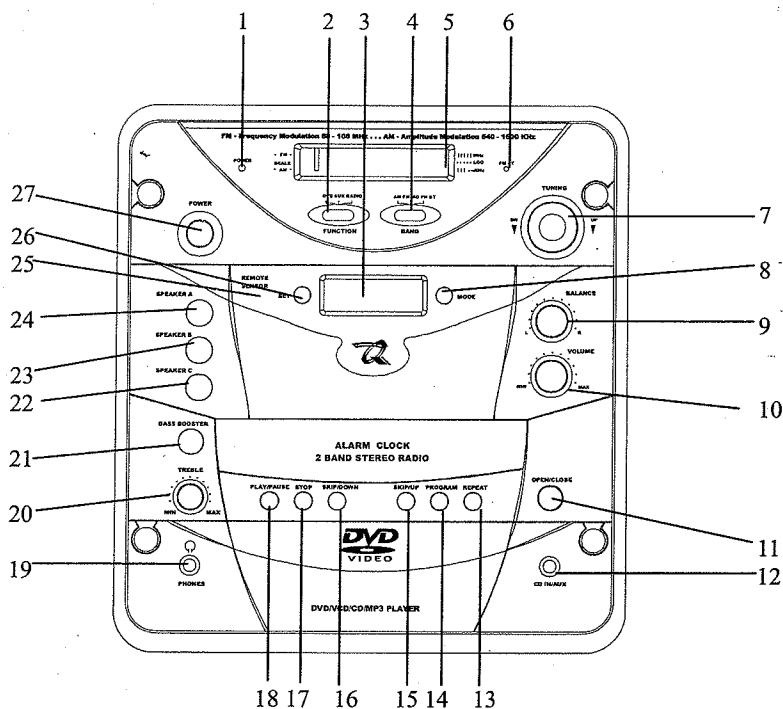
3

AWG copper plate steel or bronze wire, or larger as ground wire for both mast and lead-in.

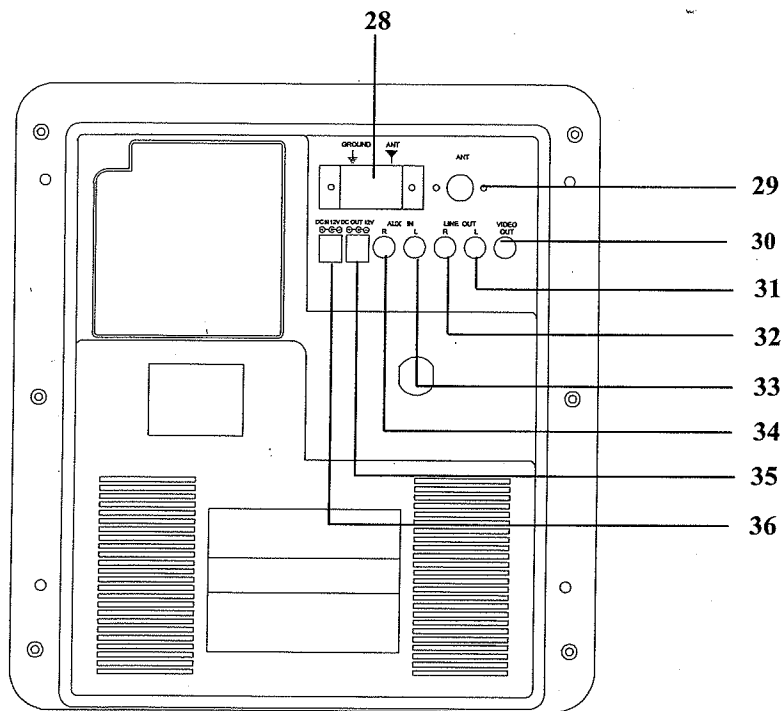
- b. Secure lead-in wire from antenna to antenna discharge unit and mast ground wire to house with stand-off insulators, spaced from 4 feet (1.22 meters) to 6 feet (1.83 meters) apart.
 - c. Mount antenna discharge unit close as possible to where lead-in enters house. An outside antenna system should not be located in the Vicinity of overhead power lines or other electric light or Power circuits, or where it can fall into such power lines or Circuits. When installing an outside antenna system, extreme Care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.
17. **Non-use Periods** – The power cord of the appliance should be unplugged from the outlet when left un-used for a long period of time.
 18. **Object and Liquid Entry** – Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
 19. **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 on the appliance.
 - C. The appliance has been exposed to rain or other moisture.
 - D. The appliance has been dropped or the enclosure damaged.
 20. **Servicing** – The user should not attempt to service the

appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

FRONT VIEW:

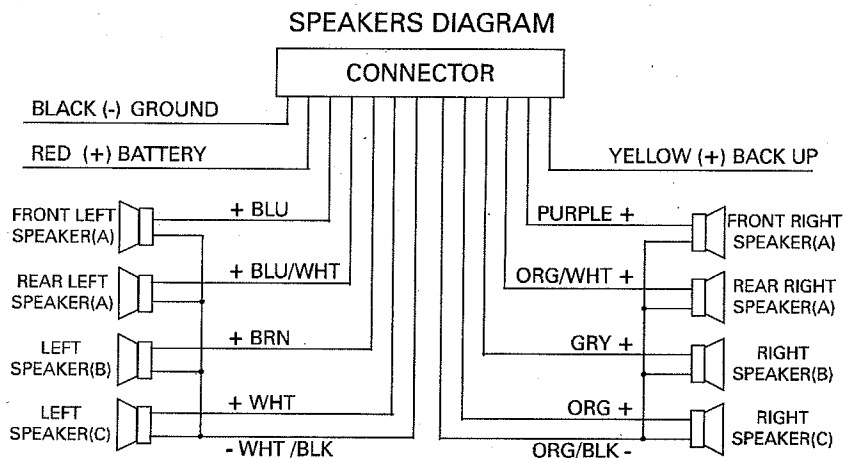


BACK VIEW



6

WIRE CONNECTION



7

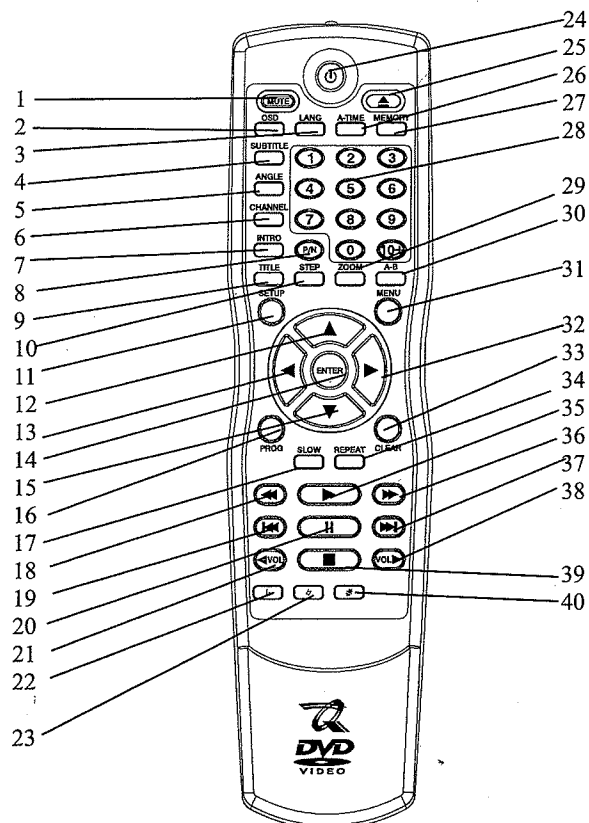
CONTROLS:

1. Power Indicator
2. DVD /Aux/Radio Function Switch
3. LCD Display & Time Clock
4. AM/FM MO/ST Band Switch
5. Dial Scale
6. FM Stereo Indicator
7. AM/FM Tuning Knob
8. MODE Button
9. Balance Knob
10. Volume Control Knob
11. Open and Close Button
12. CD IN/AUX Jack
13. Repeat Button
14. Program Button
15. Skip/Up Button
16. Skip/Down Button
17. Stop Button
18. Play/Pause Button
19. Headphone Jack
20. Treble Control Knob
21. Bass Booster Button
22. Auxiliary Speaker C Selection Switch
23. Auxiliary Speaker B Selection Switch
24. Main Speaker A Selection Switch
25. Remote Sensor
26. Set Button
27. Power Button
28. AM Antenna Post
29. FM/AM Antenna Jack
30. VIDEO OUT
31. Line Output Left Channel
32. Line Output Right Channel
33. AUX IN Left Channel
34. AUX IN Right Channel
35. DC Out jack
36. DC IN jack

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REMOTE CONTROL

- | | |
|-------------------|---------------------|
| 1. MUTE | 21. VOL + |
| 2. OSD | 22. (b)FALLING TONE |
| 3. LANG(LANGUAGE) | 23. (#) LEVEL TONE |
| 4. SUBTITLE | 24. POWER CONTROL |
| 5. ANGLE | 25. OPEN/CLOSE |
| 6. CHANNEL | 26. A-TIME |
| 7. INTRO | 27. MEMORY |
| 8. P/N | 28. NUMBERS |
| 9. TITLE | 29. ZOOM |
| 10. STEP | 30. A-B |
| 11. SETUP | 31. MENU |
| 12. UP | 32. RIGHT |
| 13. LEFT | 33. CLEAR |
| 14. ENTER | 34. REPEAT |
| 15. DOWN | 35. ► |
| 16. PROG(PROGRAM) | 36. FAST FORWARD |
| 17. SLOW | 37. NEXT |
| 18. FAST BACKWARD | 38. VOL - |
| 19. PREVIOUS | 39. STOP |
| 20. PAUSE | 40. (#) RISING TONE |



9

INTRODUCTION

The QX-3202DVD is a mini DVD/VCD/CD/MP3 with AM/FM Radio integrated in ONE. The mini slim cabinet construction makes the unit an ideal wall mount (music and video) entertaining system for homes, mobile homes, custom vans, hotels/motels, etc.

System Features:

- AM/FM/AM Stereo Tuner
- DVD/VCD/CD/MP3 Player
- Alarm & Time Clock
- Main Speaker A, Auxiliary Speaker B, and Auxiliary Speaker C Output System
- LCD Display
- DVD/VCD/CD/MP3 Track Memory
- Bass Booster/Treble Control
- Line Output Jack
- CD IN Jack
- Headphone Jack

NOTES:

1. Connect the required speakers before operating the unit.
2. Use external antenna for optimum radio reception when necessary.

Speaker Installation

The QX-3202DVD is designed with outputs for speakers, Main speaker A, Auxiliary Speaker B, and Auxiliary Speaker C, Main Speaker A output system is the master speaker output and is for speaker-pair installed close to the unit. Auxiliary Speaker B output system provides you an additional speaker output pair for use in another location. Auxiliary Speaker C output system provides you an additional speaker output pair for use in another location.

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To install a speaker-pair to the Main Speaker A output system

1. Select four to four 4-ohm speakers.
2. To wire speakers refer to the wire connection diagram.(page 7)

If you also want to install speakers to the Auxiliary Speakers, just repeat steps 1 through 2

CAUTION: Each speaker output channel is marked with “+” and “-”, do not electrically connect them together.

EXTERNAL ANTENNA INSTALLATION

1. When installing an external antenna, pay close attention to the antenna safety instructions in “**IMPORTANT SAFEGUARDS**”.
2. To connect your external antenna to the unit’s antenna jack, first have the external antenna’s connecting wire equipped with a suitable connector that fits the antenna jack, then plug the connector into the jack.
3. **AM/FM ANTENNA JACK** - You can receive AM and FM signals by connecting the external antenna to it.

LINE OUTPUT

1. **Line Output Right Channel** For external connection to the Right Channel Input of your own amplifier.
2. **Line Output Left Channel** For external connection to the Left Channel Input of your own amplifier.

AUX.INPUT

1. Function Switch to the AUX position.
2. CD IN/AUX on front panel or AUX IN Jack on back of the unit is for input of external DVD/VCD/CD/MP3 or other AUXILIARY source.

Notes:

1. When connecting Line Output or Aux. Input jacks, remember to switch off both the QX-3202DVD and your amplifier or external source.
2. Each channel is marked “Right” and “Left”. Do not reverse the connections (AUX INPUT Jack is located on the rear of the unit).

CD IN/AUX is a \varnothing 3.5mm stereo plug input jack. (CD IN/AUX Jack located on the front panel)


VIDEO

Video jack Connect to the Video Jack of Your Television.

Notes:

Use only Video Cable. When connecting video 1 or 2 jack, remember to switch off both the QX-3202DVD and your amplifier or external source.

DC OUT JACK

The DC Output Jack is centered negative “”. Allows you to Connect it to your own amplifier.


Note: 1. When connecting DC OUT jack, remember to power off both the QX-3202DVD and your own amplifier.

2. Ensure polarity is correct.

3. The DC Output is available while the power of QX-3202DVD is turned on.

DC IN JACK

The DC In Jack is that the external power source for connecting the AC adaptor to the unit.

The DC in jack is centered negative “”. Allow you to connect it to the ground and power for supply the external power source. The DC IN jack is equal to the black wire and red wire on the back of QX-3202DVD.

HEADPHONE JACK

This unit is equipped with a Headphone Jack.

NOTE: Main speaker A, Auxiliary Speaker B, and Auxiliary Speaker C will all be louden when the headphone is plugged in.

CLOCK & ALARM SETTING

To start the clock setting mode, Press the SET button (alarm time will begin to flash). Once in clock setting mode each press of the SET

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button will cycle the clock as follows:

1st Press: Alarm hour will flash

2nd Press: Alarm minute will flash

3rd Press: Month will display

4th Press: Date will display

5th Press: Hour will display

6th Press: Minute will display

Once the function you wish to set begins to flash/display (alarm hour, alarm minute, month, etc.) press the MODE button to change to desired setting. Press the SET button to move to the next function.

ALARM OPERATION

Once the desired time for the alarm has been set (see CLOCK & ALARM SETTING) turn on the alarm as follows:

1. Press the SET button (alarm time will begin to flash).
2. Press the MODE button (a small bell will appear indicates the alarm is on).
3. Pressing the MODE button a second time will turn on both alarm and hourly chimes. (Both the alarm indicator and chimes indicator will appear in the right hand corner of the display).
4. Pressing the MODE button for a third time will turn only the chimes on (chimes ring hourly).
5. Pressing the MODE button for a fourth time will turn both the alarm and chimes off.

RADIO OPERATION

1. Press the POWER button to “ON” position.
2. Slide the FUNCTION switch to the RADIO position.
3. Set VOLUME to desired level.
4. Press SPEAKER Select Switch (A) for (A) Speakers to have sound.
Press SPEAKER Select Switch (B) for (B) Speakers to have sound.
Press SPEAKER Select Switch (C) for (C) Speakers to have sound.
5. Switch the BAND Switch to your desired band. (AM, FM Stereo)

6. Rotate TUNER CONTROL knob to tune into your desired station.

BASS BOOSTER

For the best result, simply press the BASS BOOSTER switch to suit your listening preference. Press the BASS BOOSTER switch again to return to normal listening result.

TREBLE CONTROL

Rotate the TREBLE CONTROL knob to suit your listening preference.

DVD/VCD/CD/MP3 OPERATION

Playing DVD/VCD/CD/MP3

1. Press the POWER button to the "ON" position.
2. Slide the FUNCTION switch to the DVD position.
3. Press the OPEN/CLOSE button to open the disc tray.
4. Place the DVD/VCD/CD/MP3 into tray with the printed side facing up. Press the OPEN/CLOSE button again to close the disc tray.
5. Disc information, includes the total track numbers will appear on your TV screen.
6. Press the PLAY button on the unit or the remote control to play.
7. To stop playing, press the STOP button on either the unit or the remote control.

Note: To display the disc information the TV connected to the QX-3202DVD must be turned on and set to the VIDEO mode. If the disc tray cannot be opened, simply press again the OPEN/CLOSE button on either the unit or the remote control. "OPEN" will appear on both the LCD display of the unit and the TV screen.

SKIP DURING PLAY MODE

1. Press the SKIP/UP button to skip to the beginning of the next track.
2. Press the SKIP/DOWN button to skip to beginning of the current track.

Note: Press the SKIP/DOWN button will stop playing when it reaches the first track. To resume playing, simply press the PLAY button again.

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REPEAT

Repeat function on the unit is same as the Repeat function on the remote control.

PROGRAM

Program function on the unit is same as the Program function on the remote control.

PAUSE

Pause function on the unit is same as the Pause function on the remote control.

Basic Operations

Play/Stop

- Press the Power button to switch the player on.
- Press the Open/Close button to open the disc drawer.
- Press the Open/Close button again to close the disc drawer.
- DVD – once loaded the player will display the disc's menu system on the TV screen.
- VCD – The screen will show menu picture and the player will enter into PBC play mode if the PBC function is not disconnected.
- To stop playing disc then press the Stop button.

System selection

● TV system set-up

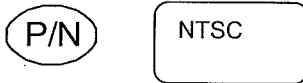
If your TV is compatible with PAL format only, press the P/N button and select PAL all signals will be converted to pure PAL format. If the TV set is compatible with NTSC format only, press the P/N button and select NTSC all signals will be converted to pure NTSC format. If the TV is multi standard (compatible with PAL format and NTSC format), press the P/N button and select MULTI output signals will be outputted in their original format.

- If you are in doubt as to the compatibility of your TV then we suggest beginning with the MULTI option first. If the picture rolls or has no colour,

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when playing NTSC material, the switch to the PAL setting. Note: When playing NTSC material some picture judder may be present if PAL is selected this is due to the standards conversion process.

- 1) If the TV is NTSC then press the P/N button on the remote control until NTSC is displayed on-screen. NTSC is normal in the USA.



- If the TV is PAL then press the P/N button until PAL on the remote control is displayed on-screen. PAL is normal in the UK.



- If the TV is MULTI standard then press the P/N button on the remote control until MULTI is displayed on-screen.



Pause

- 1) When playing disc, the first press of the Pause button on the remote control will be stopped temporary.



- 2) Press the Pause button on the remote control again will resume disc play.

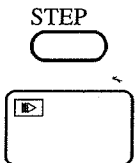


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Step

For DVD/CD disc, when playing the picture frame-by frame the step function is used. To enter this mode, press the Step button on the remote control.

- 1) Pressing the STEP button on the remote control each time will advance to the next frame.



- 2) Press the ENTER button or ► button on the remote control to resume normal play.



Volume Control

Important Note: DVD /VCD/CD/MP3 are recorded at a different level to normal TV program or VHS tape. You may therefore need to use your TV volume control at a higher than normal setting. This is normal.

- Press the ◀ VOL button or VOL ▶ button on the remote control to adjust the volume of the player.



- To decrease the volume press VOL▶ button.



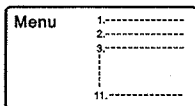
17

- To increase the volume press ◀ VOL button.

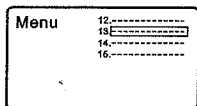


Menu play for DVD discs

When playing DVD disc, some discs contain title menus or chapter menus, press the MENU button on the remote control to access this feature. The TV screen will show menu picture and use the arrow button on the remote control to scroll. To confirm selection, press the ENTER button or ▶ button on the remote control. Alternatively, use the Number button on the remote control to select.



- For example: To select the 13th song on a menu.

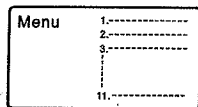


- Press the arrow button on the remote control to reach the desired page.
- Press the ENTER button or ▶ button on the remote control to confirm.

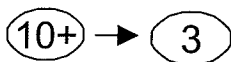
Note: Press the Title button on the remote control to the title menu if one is present. Otherwise press the MENU button on the remote to return to the disc's root menu.

- Alternatively, you can also select directly by using the number buttons.
For example: To select the 13th song.

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Direct selection using the number buttons:

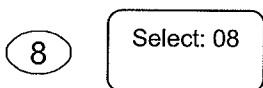


- Press the arrow button on the remote control to enter into the desired page.
Press the ENTER button or ▶ button on the remote control to select and start playing.
Press the TITLE button on the remote control to return to title menu if there is a title menu.
Press the MENU button on the remote control to return to the root menu.

Direct select by number buttons

When playing disc, press the number buttons on the remote control for direct track/chapter selection. If the disc is VCD, please set the PBC off before using the function. Press the title button on the remote control to set PBC on or off.

Insert a disc, upon loading and reading you will then be able to select tracks directly, using the number buttons on the remote control. For track numbers below 10 choose a button from 0-9 to select. For example: To play the 8th song then press number button 8. The TV screen will show:



- For track numbers 10 and upwards then press the 10+ button, followed by a number button. For example: To play track 12 press 10+ and then press number button 2. The TV screen will show:



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Advance Operations

Sound channels selection

When playing DVD disc, the LANG button on the remote control is used to select the desired language. This is only applicable if the disc has a different language function incorporated.

- Example: Press the LANG button on the remote control to scroll through the different languages, which displays on the TV screen as follow:

LANG



Subtitle 01/03: English

Subtitle 02/03: French

Subtitle 03/03: Spanish

Subtitle Off:

- Example: When playing disc, Press the CHANNEL button on the remote control to select a different sound track. The TV screen will display the following in consecutive order.

CHANNEL



MONO LEFT

MONO RIGHT

MIX-MONO

STEREO

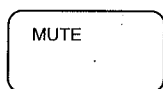
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MUTE

- FOR both DVD and CD

When playing DVD/CD disc, Press the MUTE button on the remote control will immediately mute the sound output. The TV screen will show:

MUTE




- FOR VCD



When playing VCD disc, Press the MUTE button on the remote control will immediately mute the sound output.

Note: Since the disc is VCD, please set the PBC on.


To restore normal volume press the MUTE button again.


Fast play


When playing disc, the  buttons on the remote can be used to fast forward or to fast back to a desired point on the disc.

- When playing disc, press the  button once to put the disc into fast forward mode. Each further press of the  button will increase the fast forward speed, as shown below..

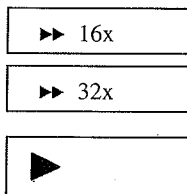


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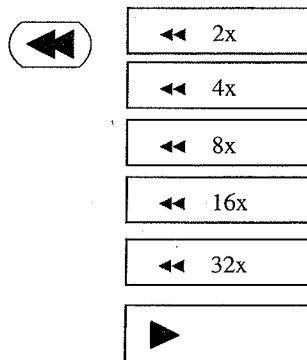
 4x

 8x

21



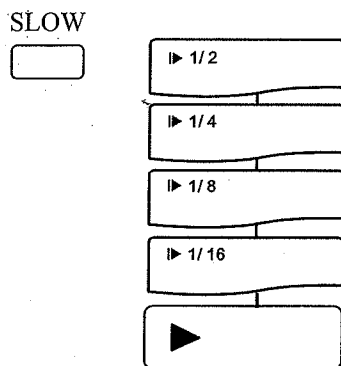
- When playing disc, press the ◀◀ button once to put the disc into fast backward mode. Each further press of the ◀◀ button will increase the fast backward speed, as shown below.



- To resume to normal play mode, press the ENTER button or ▶ button on the remote control again.
- When play a disc, press the ▶▶ button to enter into fast forward mode, press the ◀◀ button to enter into fast backward mode.

Slow Motion play

When playing the video disc, press the SLOW button on the remote control will put the picture into slow motion. Each press of the SLOW button will change the picture speed, as show below:



To exit the slow motion mode then press the ENTER button or ▶ button.

Repeated play

When playing a disc, the player can repeat play specific tracks, titles, chapters, or entire content of the disc.

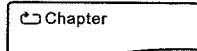
1) DVD repeat

When playing a DVD either the title, chapter or the entire disc can be repeated.

- Chapter Repeat

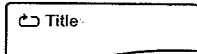
Press the REPEAT button on the remote control once. The TV screen will show:

REPEAT



- Title Repeat

Press the REPEAT button on the remote control twice. The TV screen will show:



- Disc Repeat

Press the REPEAT button on the remote control three times. The TV screen will show:



- Once a repeat mode has been established then pressing the REPEAT button again will cancel the function.

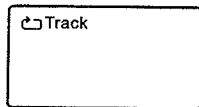
2) VCD and CD repeat

When playing VCD and CD, the REPEAT button can be used to repeat just a single track or the whole disc. Before using the function, the PBC must be OFF when if the disc is VCD.

- Track repeat

Press the REPEAT button once to continuously repeat the track currently playing. The TV screen shows the REPEAT ICON and the current track.

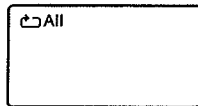
REPEAT



- Disc repeat

Press the REPEAT button twice to continuously repeat the entire content of the disc. The TV screen shows the REPEAT ICON and ALL.

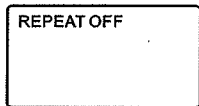
REPEAT



- Repeat off

Once a repeat mode has been established then pressing the REPEAT button again will cancel the function. REPEAT ICON will disappear from the TV screen.

REPEAT



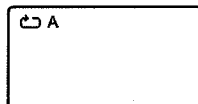
Repeat A – B

A repeat can be set up between specific beginning and end points by using the A-B button on the remote control.

- On reaching the start point press the A-B button. On reaching the end point press the A-B button again.

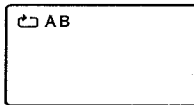
Set A

A-B



Set B:

A-B



The player will now continuously repeat the section between points A and B.

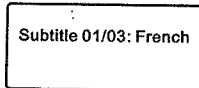
- To cancel A-B repeated play, press the A-B button again.

Selecting subtitles

Many DVD carry subtitles in multiple languages. The SUBTITLE button on the remote control is used to choose which of these languages you wish to view, or to switch the subtitles off completely:

- When playing DVD disc, press the SUBTITLE button until the desired language is found. Select a subtitle as shown on the screen.

SUBTITLE



- Cancel subtitle selection. Press the SUBTITLE button until the message "Subtitle off" appears on the screen.

Remarks:

- The function of subtitle is only available for disc with multi subtitles. The subtitle language varies as per disc.

A-Time Selection

The A-TIME function works in the same manner as a go to function, and allows the user to enter information to go directly to a specific

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point on the disc. This function can be used to by pass the disc's menu navigation system if required:

For DVD disc:

- Chapter and title search for example:
To find title 6 in 2nd chapter press the A-TIME button on the remote control, the TV screen will display as follow:

A-TIME



Title	01/01
Chapter	01/06
Audio	5.1 CH English
Subtitle	English/Spanish/French/OFF
Angle	1/1
TT Time	1:29:01
CH Time	0:14:59
Repeat	Chapter/Title/All/Off
Time Disp.	Title Elapsed

Press the arrow button on the remote control to select modes, and press the ENTER button or ► button to confirm. Input the desired chapter and title via the number keys. The selected chapter and title will be played automatically. Input the desired time in hours, minutes and seconds using the number keys on the remote control. The selected disc time will be played automatically.

For VCD disc:

There are three different operating modes. Press the A-TIME button , the TV screen will display as follow:

A-TIME



Track	11/14
Disc Time	1:15:45
Track Time	0:03:51
Repeat	Off/Track/All
Time Disp.	Total Elapsed

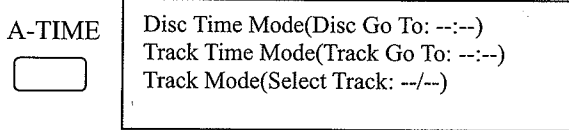
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- Press the arrow buttons to select modes and press the ENTER button or ► button to confirm.
- **Disc Time**
Input the required point on the disc you wish to start from. The selected point will be played automatically.
- **Track Time**
In this mode the played will jump to the requested time, of the track currently playing.

Note: Press the A-TIME button to return to the normal play for DVD and VCD.

For CD disc:

- There are 3 modes to choose:



- Press the A-TIME button on the remote control, the TV will show the selection of modes one by one.
- **Discs time and Track time mode:**
Input the desired time using number keys, in Min/Sec format. The selected part will be played automatically.
- **Track mode:**
Input the track number using number keys, the selected track number will be played automatically.

Angle selection

For DVD incorporating with multi angle views, you can view different screen angles, with the ANGLE button on the remote control.

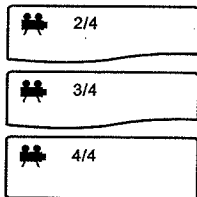
For example, when viewing the scene of a train moving forward, you can also chose to view the scene ahead of the train or from the left

or the right side, without stopping the movement of the train. This function is available only for disc with multiple angles encoded. For example: There are 4 angles recorded for a DVD disc.

- Press the ANGLE button once to select angle 1.



- Pressing the ANGLE button again will cycle you through each view as show below:



Remarks:

Before angle play can be selected, you need to turn on the angle function at setup menu. Refer to DVD setup menu for details.

OSD – On Screen Display

The OSD will give information out usual information such as total playing time/remaining playing time/time elapsed.

For DVD disc

- Press the OSD button on the remote control once to display the elapsed time of the current title.

OSD



TITLE ELAPSED
TT:01/02 CH:02/12
0:01:45

- Press the OSD button on the remote control twice to display the remaining time for the current title.

OSD



TITLE REMIAN
TT:01/02 CH:02/12
1:51:45

- Press the OSD button on the remote control three times to display the elapsed time of the current chapter.

OSD



CHAPTER ELAPSED
TT:01/02 CH:02/12
0:01:45

- Press the OSD button on the remote control four times to display the remaining time for the current chapter.

OSD



CHAPTER REMIAN
TT:01/02 CH:02/12
1:51:45

- Press the OSD button on the remote control five times to cancel the OSD.

For VCD/CD discs

- For example :

To check how far into the current track you are. Press the OSD button once and the screen will display SINGLE ELAPSED together with the elapsed time of the current track.

For VCD with PBC on, the screen can only display the Single Elapsed and Single Remain time.

OSD



SINGLE ELAPSED
Q0:02:33

- Press the OSD button twice to display the SINGLE REMAIN of the current track.

OSD



SINGLE REMIAN
00:00:41

- Press the OSD button three times to display the TOTAL ELAPSED of the entire disc. (CD only)

OSD



TOTAL ELAPSED
00:05:32

- Press the OSD button four times to display the TOTAL REMAIN of the entire disc.(CD only)

OSD



TOTAL REMAIN
00:01:41

- Press the OSD button for a final time to cancel the OSD.

OSD



DISPLAY OFF

Zoom

This feature allows you to zoom into or out of the picture when playing DVD and VCD.

- There are three levels of magnification for the zoom in feature. Press the ZOOM button on the remote control cycles through these.

ZOOM



2X

3X

4X

- After the zoom in options there are three levels of zoom out magnification. Pressing the ZOOM button the 4th, 5th and 6th time to choose through these.

ZOOM



1/2

1/3

1/4

During zoom you can press the arrow buttons to move the zoomed picture.

- To return to normal picture size, press the ZOOM button for the 7th time.

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Memory play

If play of the disc is stopped, then the player can automatically remember the stop point and resume play from there next time.

- On the first press of the stop button, the player will automatically remember where on the disc play was halted.



- To resume play from the last stop point, press the ENTER button or ► button.



- To cancel the memory play function press the STOP button twice.

Memory Play 2 (Back Mark)

While the disc is playing press the MEMORY button to access the Bookmark set-up menu. Bookmarks allow you to return quickly to a favorite part of the disc. 12 bookmarks can be set.

- When playing, press the MEMORY button, the TV will show the bookmark set-up menu.

Memory



- To set a bookmark, press the ENTER button or ► button at the desired time. Press the arrow buttons to set further bookmarks.
- Select the CLEAR button to remove a bookmark. (The Clear button is only available in some models). Alternatively press Open/Close button to clear.

Program Play

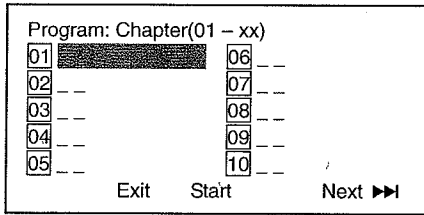
This works in a similar manner to the Program function on a disc player. The function will allow you to play tracks/titles on a disc in a predetermined sequence of your own choice.

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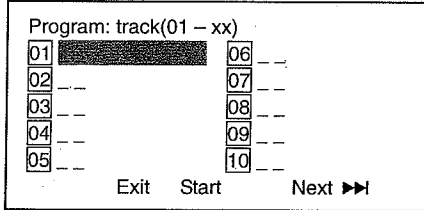
To enter the program menu press the PROG button. Once in the menu, use the arrow buttons and number buttons to input the desired title, chapter or track number. To start the program then use the arrow buttons to the START option and press ENTER button or ► button. To cancel the program and return to playing tracks in normal sequence, Press the STOP button twice.

When playing DVD discs

The screens shows:(Note: a title and chapter number must be entered)



TV screen shows:



Remarks:

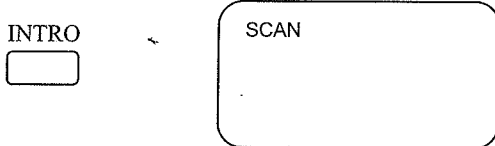
When playing a DVD disc, if there is only 1 title, then the program menu will be similar to the menu of CD.

Intro Scan

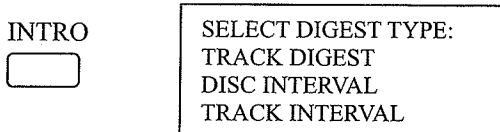
This function can be used to scan quickly through the contents of a disc. The opening seconds of each portion of the disc will be played in turn.

When playing VCD and CD disc

- If the current disc is CD, press the INTRO button will enter the SCAN mode directly.



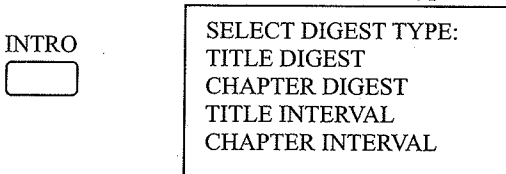
- If the current disc is VCD, press the INTRO button, the TV screen shows:



- Press the arrow button to choose the intro mode.

When playing DVD disc

- Press the INTRO button, there are 4 types of intro mode for choose:



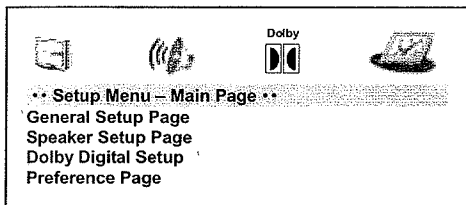
- Press the arrow button to choose the intro mode.

Setup Operations

Main Menu

The setup menu is used to configure the settings of the player.

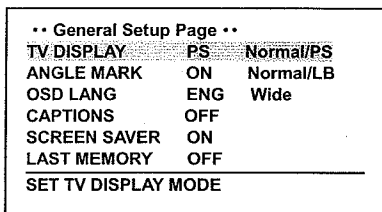
- Press SETUP button on the remote and enter into the main menu.
The screen shows:



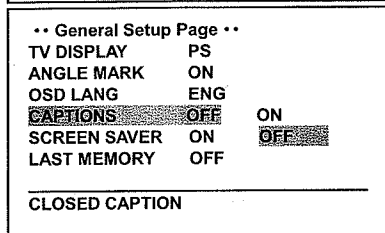
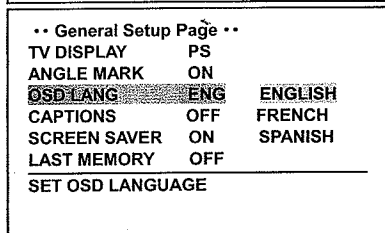
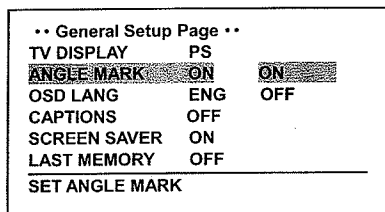
Press the arrow buttons to select, and press ENTER button or ► button to confirm.

General Setup

The General setup structure is as below:



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** General Setup Page **		
TV DISPLAY	PS	
ANGLE MARK	ON	
OSD LANG	ENG	
CAPTIONS	OFF	
SCREEN SAVER	ON	<input checked="" type="checkbox"/>
LAST MEMORY	OFF	<input type="checkbox"/>
SCREEN SAVER		

** General Setup Page **		
TV DISPLAY	PS	
ANGLE MARK	ON	
OSD LANG	ENG	
CAPTIONS	OFF	
SCREEN SAVER	ON	
LAST MEMORY	OFF	<input type="checkbox"/>
SET LAST MEMORY STATE		

General Setup

1. TV Display

NORMAL/PS (Pan scan)

- Select this when the player is connected with a standard format TV. Wide screen picture shown in the full screen will have some parts cut off automatically.

NORMAL/LB (Letter box)

- Select this when the player is connected with a standard format TV. Wide screen picture shown in the full screen will have some parts cut off automatically.

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WIDE

- Select when the player is connected to a wide screen TV.

2. Angle mark

- Available only when the disc is encoded with angle marks.
- Select ON, when playing DVD disc, the screen will show angle mark.
Select OFF, NO angle mark will be shown on the screen.

3. OSD Language

- Select default language example English .The TV OSD will be shown in English.
- Select other languages, the OSD will be shown in other languages, such as English, French, Spanish.

4. Captions

- ON: To display captions.
- OFF: To close captions.

5. Screen Saver

When the player stops or the picture becomes motionless for several second, there'll be a screen saver to prevent damage to display screen.

- ON: To activate screen saver.
- OFF: To disable screen saver.

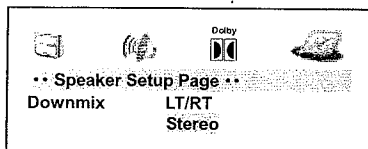
6. Last Memory

- ON: Each time when you turn off the player, it will memorize the last play time. So if you next time turn on the player and play the same disc, the player will resume play from the point.
- OFF: Disable the last memory function.

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Speaker Setup

The setup structure is as below:

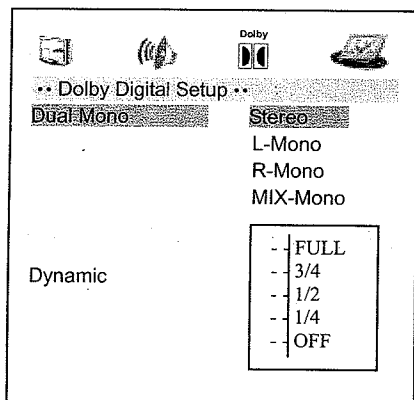


DOWNMIX

- LT/RT: Select this when the disc is played with Pro Logic Dolby stereo effect. The decoded signal will create a 2ch reality simulating effect at your own home via the FR/FL connectors.
- STEREO: When playing a 5.1ch disc, the audio output will be output as stereo signal from the left/right channels via the FR/FL connectors.

Dolby Digital Setup

The Dolby Digital Setup structure is as below:



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1) Dual Mono

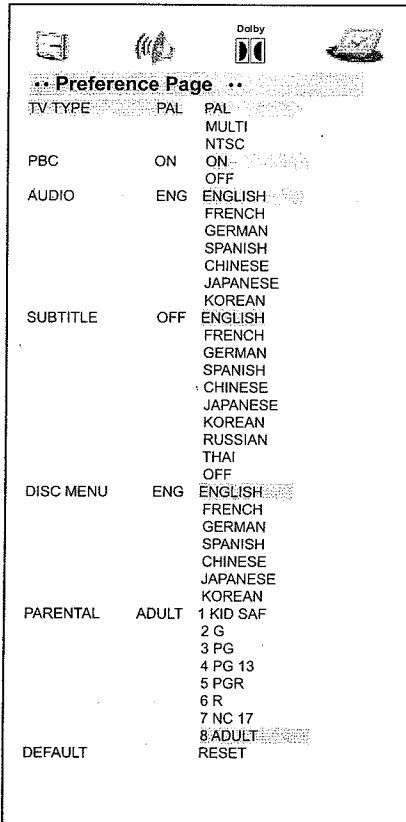
- Stereo: It means that the player will output Left channel and Right channel audio.
- Left- Mono: It means that the player will output will Left channel audio only.
- Right -Mono: It means that the player will output will Right channel audio only.
- Mix- Mono: It means that the player will output the average signal of the Left channel and Right channel audio.

2) Dynamic

- Press Right button to enter the setup column, Adjust the rate of the dynamic range by pressing the arrow button. The rate's rising will cause the difference between the BASS and the TREBLE to be reduced.

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Preference Setup



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If you want to enter the menu of preference, you should press the Open/Close button to open the disc drawer.

1) TV system

- The system can be set to PAL, NTSC or MULTI.

2) PBC

- PBC can be set into on or off.
On: It means that the PBC function is enabled.
Off: It means that the PBC function is disabled.

3) AUDIO

- Choose the default language you would prefer to hear your DVD in.
Note: Not all DVD are recorded in multiple languages.

4) SUBTITLE

- Choose the default you would prefer to read film subtitles in. Or select OFF to disable subtitles. Note: not all DVD offer subtitles in multiple languages.

5) DISC MENU

- Choose the language for the player's on screen instructions and message

6) PARENTAL CONTROL

- Allows the user to set a maximum rating of movie that can be viewed (e. g. PG rating). Movies rated higher than the level set for the parental lock can not be viewed. The parental lock can only be changed by the keying in of a password. Note: For this function to operate correctly then the disc must have a rating single encoded on it. Not all DVD carry this rating single.

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7) Default

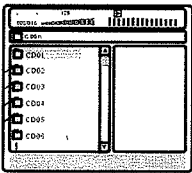
- Select "reset" to return the player to the factory default settings.

Note: This will erase all previous settings entered by the user.

MP3 Operations

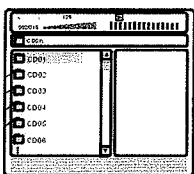
An MP3 disc contains digital quality music and can hold in the region of 600 minutes of material.

Upon loading the disc, the screen shows a menu as follows:



- To choose the preference directory, press the arrow buttons to highlight and then press the PLAY button to confirm. Alternatively, press one of the number buttons to access the directory directly.

Once a directory has been chosen, the screen will show the following:



- Press the arrow button to access the track listing. Tracks can be selected by using the number buttons. For example: To select the 8th

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track.

8 Press one time

- To Play tracks 10 upwards then use the single number buttons to enter the required track number. For example: To select 105th track.

1 0 5

Press each of the 3 number buttons once. After inputting the track number then press the ENTER button or ► button to start.

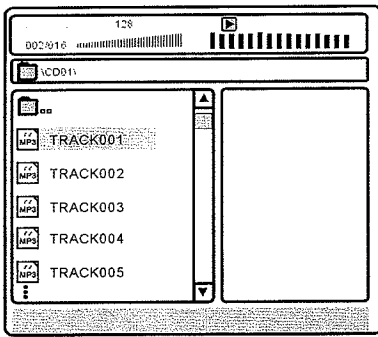
- Track selection using the arrow buttons to highlight a track and then press ENTER button or ► button.
- Return to the parent directory, press the arrow buttons and press ENTER button or ► button to return to the parent directory.

Play mode:

There are six kinds of play mode:

- RAMDOM
 - SINGLE
 - REPERAT ONE
 - REPEAT FOLDER
 - FOLDER
 - SHUFFLE
- REPEAT
-

- In play mode, press the REPEAT button to choose the play mode.



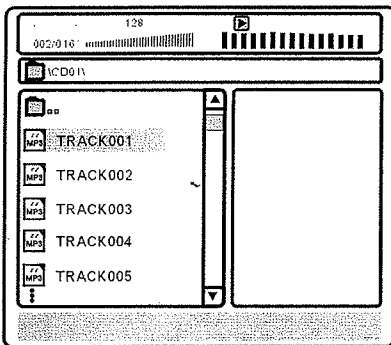
- **Single:** In this mode, the player will play back the current track once.
- **Repeat one:** In this mode, the player will continuously repeat the current track.
- **Repeat Folder:** In this mode. The player will continuously repeat all of the tracks in the current folder.
- **Folder:** In this mode, the player will automatically play all of the tracks in the current folder once.

Other functions:

Function such as mute, volume control , pause ,Previous/Next song selection, audio selection and so on, are all available while playing MP3 disc..

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Access program mode and add songs to play list



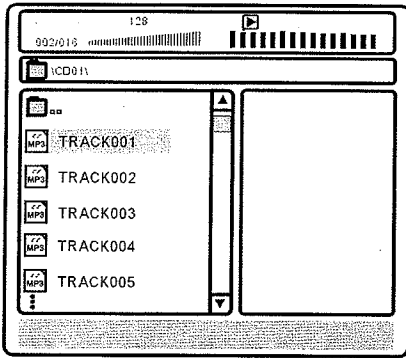
1. Press the STOP button to stop the playing disc.
2. Press the PROG button to enter the program mode.
3. Press the arrow (UP and Down) button to select the desire song.
4. Pres the CLEAR button add the desire song to the play list.
5. Repeat step 3 and 4 to increase the songs which are played according to list as you wish.
6. Press the PROG button to switch to the program list window.
7. Press the ENTER button or ► button to begin program play.

- In this mode all songs of the disc will be shown on the menu in order.

Delete songs from the play list.

In program list window, the TV screen shows.

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1. Press the STOP button to stop the playing disc.
2. Press the arrow (UP and DOWN) button to select the desire song.
3. Press the CLEAR button to confirm deleting current song.
4. Repeat step 1-3 to delete all the songs in the play list.

The navigation system will go back to the root of the disc automatically after all the songs in the play list are deleted.

Return to normal play mode.

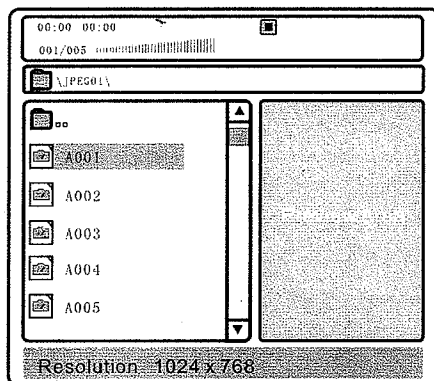
- Press the PROG button to return to the normal play mode when plays in program mode.
- Program mode will be canceled when press the OPEN button in any case.

Kodak Picture CD Operations

Playing Kodak picture CD or JPEG files

This function is similar to MP3 playback function.

Upon loading a Kodak picture CD or JPEG file CD, the TV screen shows,



Operations:

Picture Selection & Preview

Press the arrow buttons to select the target picture and press the ENTER button or ► button to show. The player will automatic preview the picture when the cursor stop.

Rotate Picture

You can press arrow buttons to rotate current showing picture when the picture playing.

Previous and Next selection

You can press fast backward button to show previous picture or press fast forward button to show next picture manually.

Slide Show:

The player will automatic play picture in slide show mode if the CD include more one picture.

Slide Show mode:

The play support 16 kinds slide show mode as below:

1. Wipe top
2. Wipe bottom
3. Wipe left
4. Wipe right
5. Diagonal wipe left top
6. Diagonal wipe right top
7. Diagonal wipe left bottom
8. Diagonal wipe right bottom
9. Extend from center H
10. Extend from center V
11. Compress to center H
12. Compress to center V
13. Window H
14. Window V
15. Wipe from edge to center
16. Mode in from top

Press the PROG button to change the current slide show mode when playing pictures.

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Key Control

You may change the pitch to adapt to your voice

- (b) FALLING TONE

b

To lower the tone, press the "b" button.

- (#) RISING TONE

#

To raise the tone, press "#" button.

Maintenance & Troubleshooting

How to handle discs

To handle, clean and protect discs

- Do not touch the playing side of a disc



- Do not stick any paper or glue strip on a disc.



How to clean discs

- Finger prints and dust on surface can affect the sound and picture quality. Clean discs regularly with a soft cotton cloth from disc center to outside.



- For sticky dust, wipe it with wet cloth and with dry cloth, Any kind of solvent, such as diluting agent, gasoline, liquid detergent, gasoline liquid detergent anti – static aerosol used for vinylon LP, may cause disc damage.

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How to protect discs

- Keep away from the direct sunshine or any heat source.
- Do not put discs in damp or dirty places, such as bathroom or near humidifiers. Store discs vertically in disc box and store in a dry place. Piling discs on to top of each other or excess weight load on disc box may cause the disc to warp.

Disc Compatibility

- Some DVD discs may have special requirements for playing, with which this player may not be compatible. Please refer to specifications on individual disc.

DISC TYPE	Content	Size	Total Play time
DVD	AUDIO/ VIDEO	12CM	About 2hrs. (Single side & single layer)
			About 4hrs. (Single side & double layer)
			About 4hrs. (Double side & Single layer)
			About 8hrs. (Double side & double layer)
CD-DA	AUDIO	12CM	About 74 minutes
MP3	AUDIO	12CM	About 300 minutes

Discs types

This DVD player can play the following types of discs: Discs other than listed above cannot be player by this player.

This player uses NTSC/PAL color system. It cannot play discs recorded with other systems, such as SECAM.

Region code

The region code for this player is 1 (USA & Canada) which indicates the applicable. The disc with code number other than 1 (USA & Canada) can not be player on this player and screen will indicate the unconformity.

Copyright

According to the related law, DVD discs without proper authorization are not allowed to be copied broadcast cable broadcast, played publicly or rented. As DVD discs are anti-piracy the copied content is distorted.

TV system

Connect this player to a PAL/NTSC compatible TV.

Problems and Solutions

Problems	Cause	Solution
No power indication	Power plug not connected	Plug the power cord into the power supply
No picture	TV has not been set to the correct video input	Set correct TV video input format for receiving the player's output signals.
	Video cable not firmly connected.	Firmly insert the video cable ends to the related terminals.
No sound	Audio cable not connected tightly	Firmly insert the audio cable ends to the related terminals.
	Power of audio apparatus is off	Turn on the power of audio apparatus.
	Audio output setting is incorrect	Setup audio output correctly via the setup menu.
Picture distortion	Disc is dirty	Take out the disc and clean.
	Fast forward/backward is activated	The picture may be distorted during fast forward /backward playback.
Brightness unstable or noisy	Affected by anti-piracy circuit	Connect the player directly to TV.
The player does not work	No disc	Load a disc.
	Disc not compatible	Load a compatible disc (Check the disc format and its colour system).
	The disc is placed upside down	Load a compatible disc (Check the disc format and its colour system).
	The disc not put in the tray correctly	Check disc is put in correctly.
	Disc is dirty	Clean the disc.
	Player setting are incorrect	Change the setting via the setup menu.
	Parental lock is in effect	Disable this function or reset the rating level.
No response to key press	Interference of power wave or other factors such as static interference	Turn off the main switch or pull out the power plug, plug it in and turn on the power again.
Remote control does not work	The remote control not pointed at the remote sensor on the front panel of the player	Point the remote control at the remote sensor.
	The remote control is out of specified range	Make sure the remote control range within 7 meters to the remote sensor.
	Battery power exhausted	Replace with new batteries.

Specifications

DVD PLAYER/OUTPUT/ACCESSORIES

DVD PLAYER:

Power supply	DC 12V 10A
Dimension	204(L)X240(H)X140(W) MM
Signal system	PAL/NTSC/MULTI
Laser	Semi-conductor laser, wave length 650nm, 780nm
Frequency range	DVD liner sound: 48KHz pulse modulation 20Hz~20KHz 96KHz pulse modulation 20Hz~20KHz CD Audio frequency: 20Hz~20KHz
S/N	>90dB
Audio dynamic range	>85dB
Flicker rate	Smaller than detectable range
Operation condition	Temp: 0°C~40°C, Operation state: Level surface

OUTPUT:

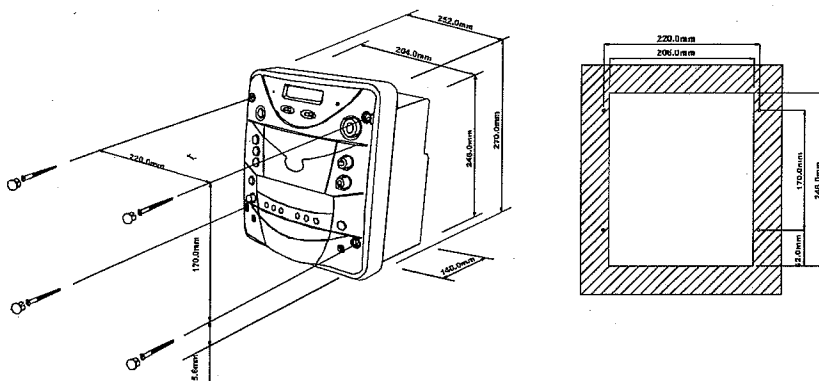
Video output	1.0V (P-P), 75 ohm
Analog audio output	1.0V (rms)

ACCESSORIES:

Owners Manual 1
Audio/Video Cable1
Remote Control1
Batteries (AAA) (Not include) 2

- Designs and specifications are subject to change without notice..

MOUNTING DIMENSIONS



Pan philips head screw 35mm x 40 mm x 4 pcs

Remark: Opening dimensions in wall is 206mm(Width) x 248mm(Height)