

Music Station with Universal Dock for iPod



CDS2600iP

The Gold Technical Support Line:1902 215 259
Personal Product Support
(Charges will apply at \$2.95 per minute)

GRUNDIG

Introduction

Thank you for buying this Grundig product, which is designed to give you many years of trouble-free service.

You may already be familiar with using a similar unit, but please take time to read these instructions. They are designed to familiarize you with the unit's many features and to ensure you get the very best from your purchase.

Safety is important

Your safety and the safety of others is important.

Please therefore, ensure you read the "Safety Instructions" before you operate this unit.

Warranty

In the unlikely event that your product fails to work normally, please call the below free phone number to discuss the problem with one of our qualified service engineers.

Australia.

Grundig Warranty: 1800 509 394

New Zealand

Grundig Warranty: 0800 450 259



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ENGLISH

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BEFORE WE BEGIN

Thank you for purchasing this audio product. This is your assurance of quality, performance and value. Our engineers have included many useful and convenient features in this product. Please be sure to read this Owner's Manual completely to make sure you are getting the maximum benefit from each feature.

This product was manufactured using the highest quality components and standards of workmanship. It was tested by inspectors and found to be in perfect working order before it left our factory. However, there is always the chance that some problem may occur because of rough handling during shipment to the retail store or to the final consumer.

If, after reading this Manual, you experience any problems with the operation of this product, please refer to the instructions for obtaining services at the end of this Manual.

Once again, thanks for purchasing this audio product.

For future reference, record the serial number in the space provided.

Model No: CDS2600iP

Serial Number: _____

CLASS 1 LASER PRODUCT

CLASS 1 LASER PRODUCT
APPAREIL à LASER DE CLASSE 1
PRODUCTO LAESR DE CLASE 1

CAUTION
INVISIBLE LASER RADIATION
WHEN OPEN AND INTERLOCKS
DEFEATED.
AVOID EXPOSURE TO BEAM.



This product contains a low power Laser Device.

IMPORTANT SAFETY INSTRUCTIONS



CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

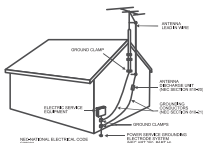


The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage within the product enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



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

- 1. READ INSTRUCTIONS** - All the safety and operating instructions should be read before the product is operated.
- 2. RETAIN INSTRUCTIONS** - The safety and operating instructions should be retained for future reference.
- 3. HEED WARNINGS** - All warnings on the product and in the operating instructions should be adhered to.
- 4. FOLLOW INSTRUCTIONS** - All operating and use instructions should be followed.
- 5. CLEANING** - Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
- 6. ATTACHMENTS** - Do not use attachments not recommended by the product manufacturer as they may cause hazards.
- 7. WATER AND MOISTURE** - Do not use this product near water - for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool; and the like.
- 8. ACCESSORIES** - Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.
- A Product and Cart Combination Should Be Moved with Care - Quick stops, excessive force and uneven surfaces may cause the product and cart combination to overturn.
- 9. VENTILATION** - Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug or other similar surface. This product should not be placed in a built-in installation, such as a bookcase or rack, unless proper ventilation is provided or the manufacturer's instructions have been adhered to.
- 10. POWER SOURCES** - This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.
- 11. GROUNDING OR POLARIZATION** - This product may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature: If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.
- 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 exit from the product.
- 13. NON-USE PERIODS** - The power cord of the product should be unplugged from the outlet when left unused for long periods of time.
- 14. OUTDOOR ANTENNA GROUNDING** - If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges.
- Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard 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 1.
- 15. LIGHTNING** - For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will present damage to the product due to lightning and power-line surges.
- 16. POWER LINES** - 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 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. OVERLOADING** - Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
- 18. OBJECT AND LIQUID ENTRY** - Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
-



19. SERVICING - Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

20. DAMAGES REQUIRING SERVICE - Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions.

- When the power-supply cord or plug is damaged.
- If liquid has been spilled, or objects have fallen into the product.
- If the product has been exposed to rain or water.
- If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improving adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
- When the product exhibits a distinct change in performance - this indicates a need for service.

21. REPLACEMENT PARTS - When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.

22. SAFETY CHECK - Upon completion of any service or repair to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

23. HEAT - The product should be situated away from heat sources such as radiators, heat registers, stoves or other products (including amplifiers) that produce heat.

CAUTION!
HAZARDOUS LASER RADIATION WHEN
OPEN AND INTERLOCK FAILED OR
DEFEATED. AVOID EXPOSURE TO BEAM.



CLASS 1 LASER PRODUCT

PRECAUTIONS FOR UNIT

ENGLISH

SECURITY

- Before operation, check if the voltage of the unit is in line with the local voltage.
- Hold the plug to disconnect it from the mains outlet. Do not pull the power cord.
- When the plug of the unit is connected to the mains outlet, the unit will be still connected to AC even if the power is turned off.
- Disconnect the plug as soon as liquid or objects enter the unit. The unit cannot be used until being checked by experts.
- Do not open the cabinet. Laser rays employed by the unit may damage eyes. Any servicing should be done by qualified service personnel.

PLACEMENT

- Put the unit where ventilation is good enough to prevent overheating.
- Never put the unit in direct sunlight or near heat sources.
- Put the unit horizontally, never put any heavy object on the unit.
- To protect the pickup, do not put the unit where there is much dust. If there is dust on the pickup, use a cleaning disc to clean it.
- Refer to the operation instructions of the cleaning disc you bought.

CONDENSATION

Moisture will appear on the pickup lens in the following cases:

- The unit is suddenly moved from a cold place to a warm place.
- Use the unit in a humid place. In these cases, switch off and leave the unit in a good ventilation place for about one hour to evaporate the water.

CLEANING

- Use soft cloth with a little neutral detergent to wipe the cabinet, panel and controls. Never use abrasive paper, polishing powder or solvent like alcohol and gasoline.

PRECAUTIONS FOR DISCS

ENGLISH

HANDLING DISC

- To keep the disc clean, do not touch the play sides of the disc.
- Do not attach paper or tape to the disc.
- Keep the disc away from direct sunlight or heat sources.
- Store the disc in a disc case after playback.

CLEANING DISC

- Before playback, wipe the disc outwards from the center with clean cloth.
- Do not use any type of solvent such as thinner, benzene, commercially available cleaners or anti-static spray.

IMPORTANT NOTES

- Avoid installing this unit in places exposed to direct sunlight or close to heat radiating appliances such as electric heaters, on top of other stereo equipment that radiates heat, places lacking ventilation or dusty areas, places subject to constant vibration and/or humid or moist areas.
- Do not attempt to clean this unit with chemical solvents as this might damage the finish. Use a clean dry cloth.
- Operate controls and switches as described in the manual.
- Before turning on the power, make certain that the connecting cords and power cord are properly installed.
- Store your CDs in a cool area to avoid damage from heat.
- When moving the set, be sure to first disconnect the power cord and remove cords connected to other equipment.

**WARNING: TO PREVENT FIRE OR SHOCK HAZARD,
DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.**



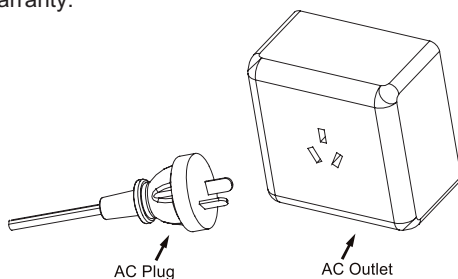
disposal of this product, you will help prevent potentially hazardous to the environment and to human health, which could otherwise be caused by unsuitable waste handling of this product. The recycling of materials will help conserve natural resources. Please do not therefore dispose of your old electrical and electronic equipment with your household waste. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

UNPACKING AND SET-UP

- Carefully remove the unit from the carton and remove all packing material from the unit.
 - Remove any labels or stickers which may be on the front or top of the set, but do not remove any labels from the back or bottom.
 - We suggest that you retain the original carton and packing materials in case it ever becomes necessary to return your unit for service. This is the only sure way to protect the unit from damage in transit.
 - If you do dispose of the carton and packing materials, please do so properly.
- We care about our environment.

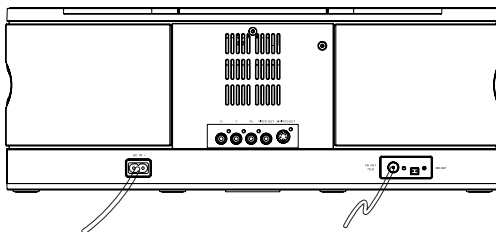
POWER SOURCE

This system is designed to operate on 230~240V 50Hz AC house current. Connecting this system to any other power supply could result in damage to the unit which is not covered by your warranty.

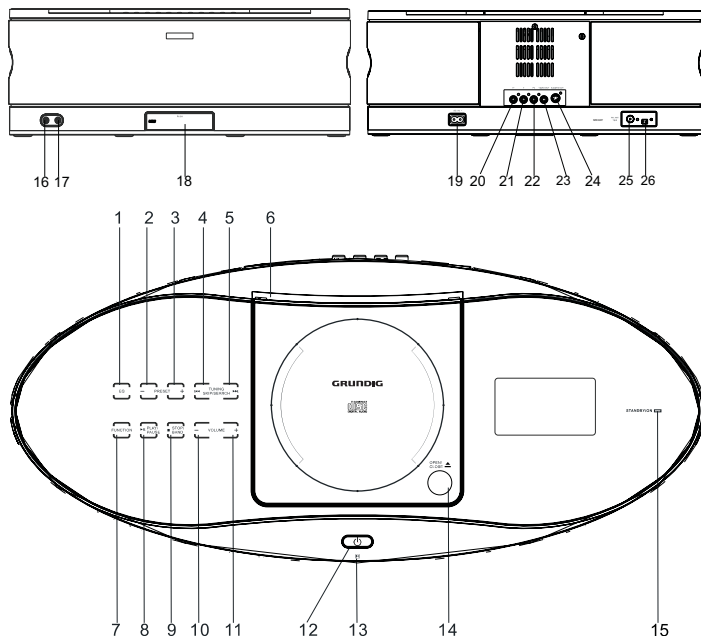


AC OPERATION

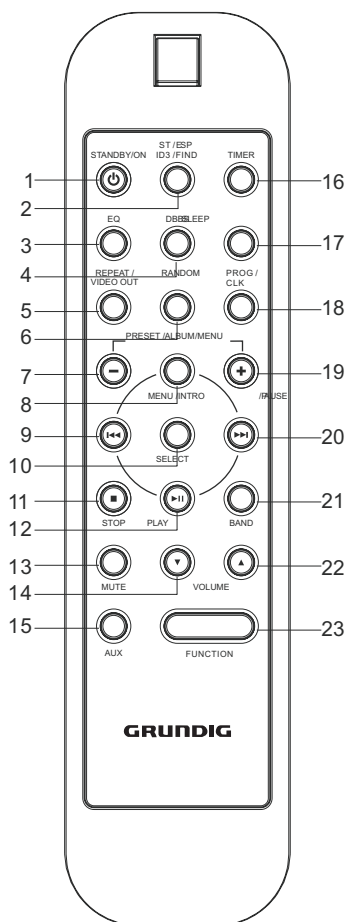
1. Unwind the AC Power cord completely.
2. Insert the plug into any convenient 230~240V 50Hz AC outlet.



LOCATION OF CONTROLS AND INDICATOR



- | | |
|-------------------------------|--------------------------------|
| 1. EQ Button | 14. CD Door OPEN/CLOSE Button |
| 2. PRESET - Button | 15. STANDBY/ON indicator |
| 3. PRESET + Button | 16. PHONES Jack |
| 4. TUNING SKIP/SEARCH Button | 17. AUDIO IN Jack |
| 5. TUNING SKIP/SEARCH Button | 18. iPod/USB Tray |
| 6. CD Door | 19. AC IN Jack |
| 7. FUNCTION Button | 20. Component Pr Jack |
| 8. PLAY/PAUSE Button | 21. Component Y Jack |
| 9. STOP/BAND Button | 22. Component Pb Jack |
| 10. VOLUME Button | 23. VIDEO OUT Jack |
| 11. VOLUME Button | 24. S-VIDEO OUT Jack |
| 12. POWER Button | 25. FM ANT Jack |
| 13. Remote Sensor | 26. MW ANT Jack |

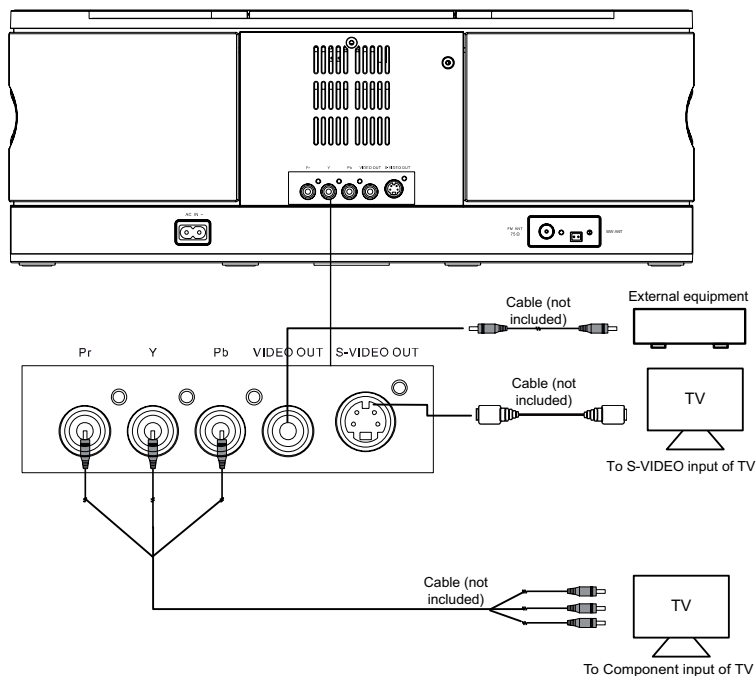


1. STANDBY / ON Button
2. ST/ESP / ID3 / FIND Button
3. EQ Button
4. DBBS Button
5. REPEAT / VIDEO OUT Button
6. RANDOM Button
7. PRESET /ALBUM / MEMU - Button
8. MENU/ INTRO Button
9. SKIP TUNING ◀◀ Button
10. SELECT Button
11. STOP ■ Button
12. PLAY /PAUSE ▶▶ Button
13. MUTE Button
14. VOLUME ▼ Button
15. AUX Button
16. TIMER Button
17. SLEEP Button
18. PROG /CLK Button
19. PRESET /ALBUM / MEMU + Button
20. SKIP TUNING ▶▶ Button
21. BAND Button
22. VOLUME ▲ Button
23. FUNCTION Button

CONNECTING EXTERNAL DEVICES

► Complete the connections as shown below.

- VIDEO connection requires an VIDEO cable, not included.
- S-VIDEO connection requires an S-VIDEO cable, not included.
- Pr / Y / Pb connection requires an component cable, not included.



- **Make sure that you have fully extended the FM antenna wire.**
- **Make sure that you have installed batteries in the remote control handset.**
- **Make sure that the system is connected to an AC outlet that is always “live”.**
- **Do not connect the system to an AC outlet controlled by a wall switch.**

General Controls

Most of the main functions of this system can be operated by the controls on the front panel of the main unit, or by the buttons on the remote control handset. If a specific function can only be operated by the remote handset, or by the top panel controls, this will be clearly indicated in the instructions.

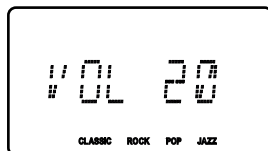
When operating this system with the remote control handset make sure that the IR(Infrared) transmitter on the front of the remote handset is pointed at the remote sensor on the front panel of the main unit.

The effective operating range of the remote control is approximately 15 feet. Please note that bright sunlight or room lighting may interfere with the remote control operation. If the remote is not operating properly try reducing the brightness of the room or moving closer to the main unit. If this does not solve the problem, it may be time to change the remote control battery.

Volume Controls

To increase or decrease the system volume press the **VOLUME ▲** or **VOLUME ▼** buttons on the remote control or VOLUME Control on the front panel.

The Volume Level Indicator will appear on the display when you change the volume level.



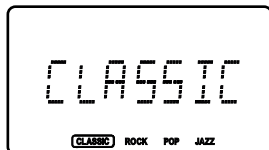
The level indicator ranges from “00” (Minimum) to “30” (Maximum).

The system remembers the volume level when the power is switched ‘Off’ and automatically returns to the same level when the power is switched ‘On’ again.

EQ (Electronic Preset Equalizer)

The preset equalizer allows you to adjust the sound characteristic for the most popular types of music.

Press the **EQ** button on the remote control to cycle through the following equalizer settings:

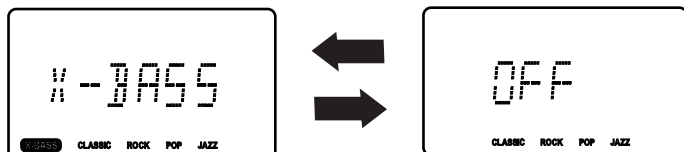


PASS (EQ ‘Off’), **CLASSIC**, **ROCK**, **POP**, **JAZZ**.

The appropriate EQ indicator briefly appears in the display to confirm your selection. The system remembers the EQ setting when the power is switched ‘Off’ and returns to the same setting when the power is switched ‘On’ again.

DBBS (Dynamic Bass Boost) Control

Press the **DBBS** button on the remote control to increase the bass response. Press again to cancel the Bass Boost function.



MUTE Button (On Remote Control Only)

Press the **MUTE** button on the remote control to shut off the speakers temporarily, for example, to answer the telephone.

The sound stops and the “**MUTE**” indicator flashes in the display.



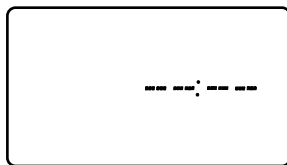
Press the **MUTE** button again to cancel the mute function and restore the sound.

The “**MUTE**” indicator disappears.

The mute function will also be canceled automatically by pressing the **VOLUME ▲** or **VOLUME ▼** buttons.

Setting The Clock

When the unit is connected to the AC outlet for the first time the “--:--” flashes on the display.

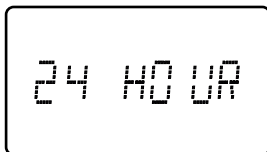


Note: Do not turn the main unit power ‘On’. The clock can only be set while the main unit power is ‘Off’. The clock can only be set with the Remote Control.

- 1.) Press and hold the **PROGRAM/CLOCK** button on the

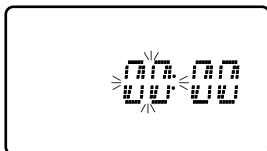
remote control. “**24 HOUR**” flashes on display.

Press the **SKIP/TUNING** ►► or ◄◄ buttons to select between “**24 HOUR**” or “**12 HOUR**” modes if necessary.



- 2.) Press the **PROGRAM/CLOCK** button again.

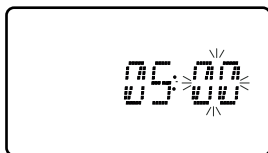
Just the Hour digits will continue flashing.



- 3.) Press the **SKIP/TUNING** ►► or ◄◄ buttons to set the display to the correct hour.

- 4.) Press the **PROGRAM/CLOCK** button again.

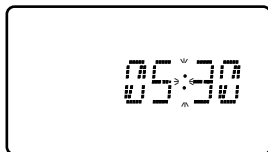
The Minute digits will begin flashing.



- 5.) Press the **SKIP/TUNING** ►► or ◄◄ buttons to set the display to the correct minutes.

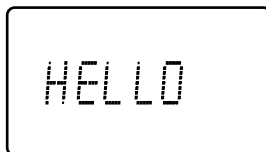
- 6.) Press the **PROGRAM/CLOCK** button once more.

Only the “:” flashing and the clock begins to run.



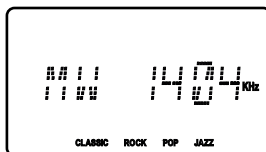
- 1.) Press the **STANDBY/ON** button to turn the system 'On'.

The display lighting comes on and the display briefly shows "**HELLO**".



- 2.) Press the **FUNCTION** button to select the Tuner function.

An **MW** or **FM** frequency will appear on the display. Press the **TUNER/BAND** button to switch between the **MW** and **FM** bands if necessary.



- 3.) Tune to the desired station as follows:

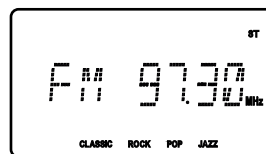
- **Manual Tuning**

Repeatedly press the **SKIP/TUNING** **▶▶** or **◀◀** buttons until the display shows the exact frequency of the desired station. Use the Manual Tuning method to tune to weak or distant stations that are not strong enough to be recognized by the Automatic Tuning system.

- **Automatic Tuning**

Depress and hold the **SKIP/TUNING** **▶▶** or **◀◀** buttons the display begins to move, then release the buttons. The Tuner will search up or down the band for the next strong signal and stop on that station. Repeat this procedure until the tuner stops on your desired station.

- 4.) If you tuned to an FM Stereo station the **ST** indicator will appear in the display. If FM Stereo reception is noisy or weak, press the **ST/ESP/ID3/FIND** button on the remote control to select the FM Mono mode.

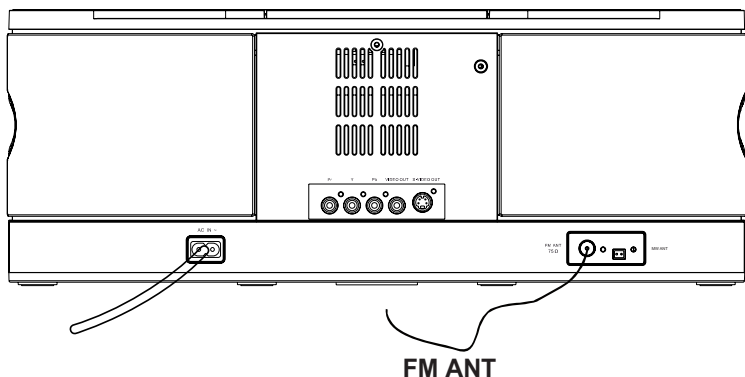


- 5.) Adjust the **VOLUME**, **DBBS** and **EQ** controls to the desired settings.
- 6.) When you are finished listening press the **STANDBY/ON** button to return the system to the Standby (Off) mode.

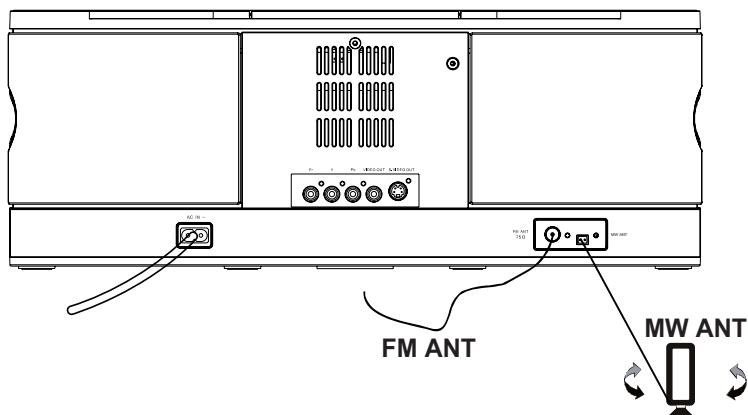
The display lighting goes off and the display changes from radio frequency to correct time.

Hits For Better Reception

FM: The FM lead wire antenna on the back panel should be extended to its full length. You may also have to vary the direction of this antenna until you find the position that provides the best reception.



MW: Insert the wire of loop aerial into the MW AERIAL connector on the unit. Adjust the position of the loop aerial until you find the position that provides the best reception for your favorite MW stations.



Presetting Stations In The Tuner Memory

You can store up to **40** of your favorite stations (**30 FM / 10 MW**) in the tuner memory for easy recall at any time.

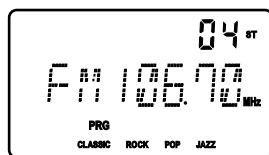
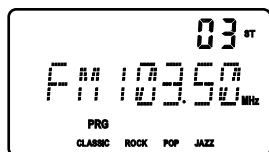
Using either the manual or automatic tuning method described on page 13, tune to the first station you wish to memorize (Example: **FM 103.50 MHz**) and then:

- 1.) Press the **PROGRAM/CLOCK** button on the remote control. The display shows "PRG" and the channel number "**01**" indicator flashes.
- 2.) Press the **ALBUM/MEM CH. +** or **-** buttons to select your preset memory number. Example "**03**".

Press the **PROGRAM/CLOCK** button again, the "**03**" stops flashing confirming that your station has been entered in preset channel number "**03**".

- 3.) Tune to the next station you wish to memorize
Example: **FM 106.70 MHz**

Press the **ALBUM/MEM CH. +** or **-** buttons select your next preset memory number.



Press the **PROGRAM/CLOCK** button again to enter your station in preset channel number.

- 4.) Repeat Step 3 until you have stored up to 30 stations on the **FM** band, then press the **BAND** button to switch to the **MW** band and follow the same procedure to enter up to 10 **MW** station in the tuner memory.

CD OPERATION

IMPORTANT: This CD player can play normal CDs plus CD Recordable (CD-R) and CD Rewriteable (CD-RW) discs. However the playability of CD-R/RW discs may be affected by the type of software that was used in 'ripping' the tracks from the original discs and 'burning' the tracks onto the blank media. Playability may also be affected by the quality and condition of the blank media you use for recording. 100% compatibility cannot be guaranteed. This is not an indication of any problems with your player.

Normal Playback

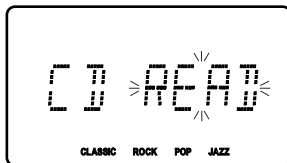
- 1.) Press the **STANDBY/ON** button to turn the system 'On'.
- 2.) Press the **FUNCTION** button to select CD function.
- 3.) Press the CD Door on the top panel to open the CD door.



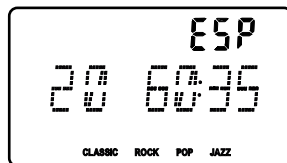
- 4.) Load your own CD into the player with the printed 'label' facing up.

5.) Close the CD door.

The display will show flashing “**READ**” as the player reads the Table Of Contents on the disc.



After reading the disc the display will show the total tracks and playing time.

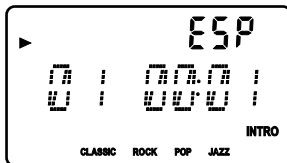


Note:

The reading time may be even longer if you are using CD-RW (rewritable) discs. This is normal and not an indication of any problem with your unit.

6.) Press the **▶|| PLAY/PAUSE** button to begin playback.

You may turn the “**ESP**” function “Off” or “On” by pressing the **ST/ESP/ID3/FIND** button on the remote control.



7.) Adjust the **VOLUME**, **DBBS** and **EQ** controls as desired.

8.) Playback will continue until all tracks on the disc have been played, then the player stops and the display shows the total tracks number and playing time on the disc.

To stop playback at any time, press the **■ STOP** button.

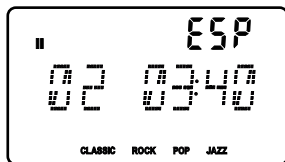
9.) If you are finished listening, press and open the CD door, remove your disc from the player, re-close the CD door and press the **STANDBY/ON** button to return the system to the Standby (Off) mode.

Pause Control

To pause temporarily during CD playback press the **⏸ PLAY/PAUSE** button again.

The sound stops and the elapsed time flashes in the display, but the disc continues spinning.

Press the **⏸ PLAY/PAUSE** button once more to cancel Pause mode and resume playback at the same point, the elapsed time stops flashing.



Skip Track and High Speed Music Search

- During playback, repeatedly press the **SKIP/TUNING ⏭** or **⏮** buttons to skip to higher or lower numbered tracks. Playback will begin on the selected track.
- During playback, depress and hold the **SKIP/TUNING ⏭** or **⏮** buttons to search within a track at high speed to locate a specific musical passage.

Release the **SKIP/TUNING ⏭** or **⏮** buttons when you hear the desired passage.

Normal speed playback will resume at that point.

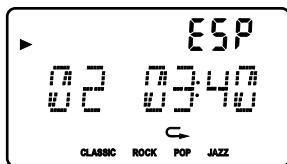
Repeat Playback (On Remote Control Only)

The Repeat function in this system allows you to continuously repeat a single track, or the entire disc. The Repeat function can be activated during playback or while the player is stopped.

One Track Repeat

Select the track to be repeated and begin playback. Press the **REPEAT / VIDEO OUT** button on remote control once.

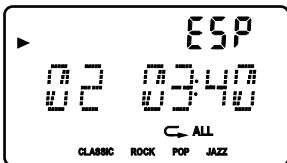
The  indicator appears in the display and the selected track will be repeated continuously.



All Tracks Repeat

Load the disc in the player and begin playback. Press the **REPEAT / VIDEO OUT** button on the remote control twice.

The **ALL**  indicator appears in the display. All tracks on the disc will be repeated continuously.



To cancel Repeat playback mode press the **REPEAT / VIDEO OUT** button until the ALL  indicators disappear from the display.

Repeat mode can also be cancelled by opening the CD door, switching to the TUNER or AUX mode, or pressing the **STANDBY/ON** button to return the system to the Standby (Off) mode.

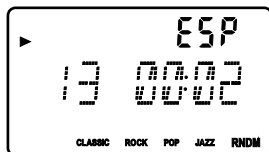
Random Playback (On Remote Control Only)

The Random playback feature allows you play all the tracks on the disc in random order.

You can select random playback while the disc is playing or when the player is stopped.

Load a CD in the player as usual and then press the **RANDOM** button on the remote control handset.

The **RNDM** indicator appears in the display.



The player will randomly select a track from the disc and begin playback.

Random playback will continue until all tracks have played once, then the player stops.

To stop Random playback, press the **RANDOM** button on the remote control again.

The **RNDM** indicator disappears and normal playback will resume from that point.

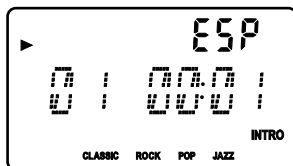
INTRO Scan Playback (On Remote Control Only)

This feature allows you to play just the first 10 seconds of each track on the disc. This may be useful when you are trying to locate a specific song but you do not remember the title.

Load the disc as usual and wait until the display shows the total playing time and number of tracks.

Press the **INTRO** button on the remote control.

The **INTRO** indicator will appear in the display.



The player will play the first 10 seconds of each track automatically.

When the first 10 seconds of the last track has played the player stops and the display again shows the total playing time and number of tracks on the disc.

To cancel the Intro mode press the **INTRO** button once more until the **INTRO** indicator disappears.

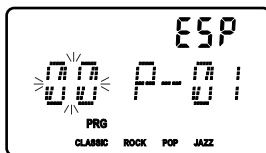
Programmed Playback

The Programmed Playback feature allows you to program a total of up to **64** tracks in any desired order. You may program the same track to play several times within a program sequence if desired.

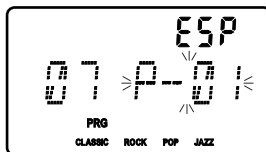
Note: *You cannot program tracks during playback. If a disc is playing press the ■ **STOP** button first to stop playback before beginning the programming steps below.*

- 1.) Load the disc in the player and wait until the player has read the Table of Contents of the disc.
- 2.) Press the **PROGRAM/CLOCK** button on the remote control.

The **PRG** indicator, Program Memory "**P- 01**" and Track "**00**" will appear in the display .

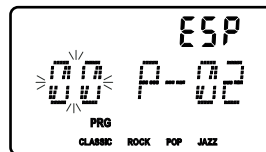


- 3.) Then press the **SKIP/TUNING ►►** or **◄◄** buttons to select the first track on the disc to be programmed. (Example: Track **07**).



- 4.) Press the **PROGRAM/CLOCK** button again to enter Track 07 in program memory #1.

The program memory number advances to "**P- 02**".

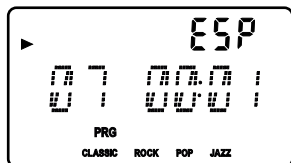


- 5.) Repeat steps 3 and 4 selecting the desired Track number each time until you have entered up to **64** tracks in the CD program memory.

6.) Press the **▶|| PLAY/PAUSE** button to begin programmed playback.

The **PRG** indicator remains on.

The player will play all the tracks that you programmed in the desired sequence.



- After the last programmed track has played the player stops, but the programmed sequence remains in the memory.
- To play the programmed sequence again, press the **PROGRAM/CLOCK** button then the **▶|| PLAY/PAUSE** button.
- To cancel the programmed sequence from the memory press the **■ STOP** button at programming mode.

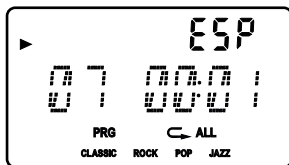
Programmed Repeat Playback

You can use the Programmed and Repeat Playback functions together to continuously repeat a programmed sequence.

First program up to 64 tracks as described above.

Then press the **REPEAT / VIDEO OUT** button on the remote control twice.

Press the **▶|| PLAY/PAUSE** button to begin Programmed Repeat Playback. The programmed sequence will be repeated continuously.



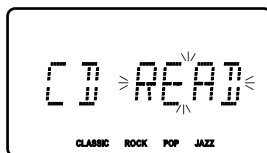
CDs that contain compressed MP3 or Windows Media formatted audio (WMA) files can store approximately 10 times as much music as a normal CDs. It is possible to record up 10 hours of music in MP3/WMA format on a single disc.

Audio files may be downloaded from the Internet onto your computer's hard drive or 'ripped' from normal CDs. They are then compressed into MP3/WMA format files by software on your computer and recorded or 'burned' onto blank discs.

Typicall when making your own MP3/WMA CDs you will organize the song titles into 'Directories', also called 'Albums', by artist, or by type of music.

NOTE : Because MP3/WMA CDs contain so much more information than normal CDs this CD player will take longer to 'Read' all of te information on an MP3/WMA disc.

You may see the flashing "**READ**" indicator for a minute or more before playback begins. This is normal and note an indication f any problem with your player.



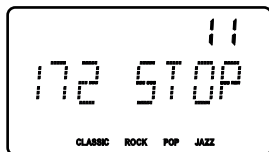
Most of the normal CD operations described in this manual also apple to MP3/WMA CDs. However there are a few differences in MP3/WMA CD playback functions, and these are described on the following pages.

MP3/WMA CD "Reading" Time And Display Information

As mentioned above, because MP3/WMA CDs contain much more information than normal CDs it takes longer for the player to 'Read' an MP3/WMA disc and display he Table of Contents information.

After you load an MP3/WMA CD in the player the player will read each of the 'Directories' (or 'Albums') on the disc, one at a time, and display the Directory Number and the cumulative number of tracks in the directories that have already been read.

For example if we insert an MP3/WMA CD containing 11 'Directories' (or 'Albums') and a total of 172 "files" or tracks, the display will show:



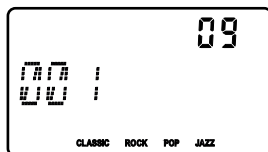
MP3/WMA CD Playback

The **▶▶ PLAY/PAUSE**, **SKIP/TUNING ▶▶**, **SKIP/TUNING ◀◀** and **■ STOP** controls. have the same functions for MP3/WMA CDs as they do for normal CDs.

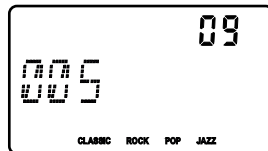
To skip quickly from a track in one directory to a track in another directory, proceed as follows:

- 1.) Load your MP3/WMA CD in the player, wait until the reading process is completed.
- 2.) Example: Let's assume that you want to skip to Directory # 09/Track # 005.

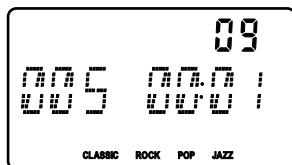
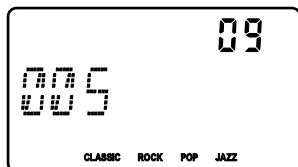
- Press the **ALBUM/MEM.CH** button repeatedly to select album "09". The track will show "001"



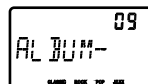
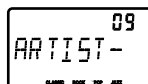
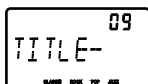
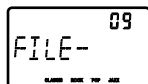
- Press the **SKIP/TUNING ▶▶** button repeatedly until the display shows Track "005".



- Press the **▶▶ PLAY/PAUSE** button to start playback.



- Press and hold the **ST/ESP/ID3/FIND** button to scroll through the "ID3 text" information. If the information was properly inserted when the files were created, the display will show the song **TITLE**, **ARTIST** name, and **ALBUM** name.



- Press and hold the **ST/ESP/ID3/FIND** button again to return to Track and Play-time display.

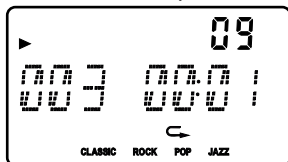
MP3/WMA CD Repeat Playback (On Remote Control Only)

There are 3 Repeat Playback options with MP3/WMA CDs. In addition to the Repeat 1 Track and Repeat All Tracks options which are the same for normal CDs, you may also select Directory Repeat Mode to repeat all the tracks contained in a single Directory (Album).

- **To repeat a single track on an MP3/WMA CD**

select the track to be repeated and start playback as usual. Then press the **REPEAT / VIDEO OUT** button on the remote control once.

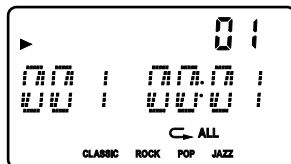
The  indicator appears and the selected track will be repeated continuously.



- **To repeat all the tracks on an MP3/WMA CD**

Begin playback as usual, then press the **REPEAT / VIDEO OUT** button twice.

The **ALL**  indicators appear on the display and all the tracks on the disc will be repeated continuously.



- **To repeat all the tracks in a single Directory (or Album)**

Select the directory to be repeat playback as usual.

Press the **REPEAT / VIDEO OUT** button 3 times.

Both the  and **ALBUM** indicators appear in the display and all the tracks in the directory will be repeated continuously.



To cancel Repeat Playback, press the **REPEAT / VIDEO OUT** button until the "ALL  ALBUM" indicators disappear.

MP3/WMA CD Intro Scan And Random Playback Modes (On Remote Control Only)

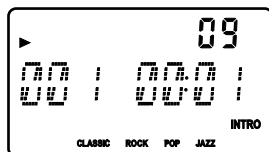
These functions operate the same way for MP3/WMA CDs as they do for normal CDs.

Intro Scan

Load your MP3/WMA CD in the player, wait until the reading process is completed.

Press the **INTRO** button, the “**INTRO**” indicator appears in the display and begins Intro Scan playback.

The player will play the first 10 seconds of each track on the disc.

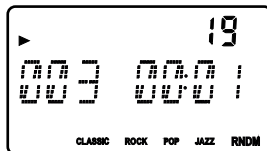


Random Playback

Load your MP3/WMA CD in the player, wait until the reading process is completed.

Press the **RANDOM** button, the “**RNDM**” indicator appears in the display.

The player will play all the tracks on the disc in Random order.



MP3/WMA ID3 Support / information Display

When you create a CD on your computer containing MP3/WMA audio files, the software you use to create the disc will normally allow you to input the name of the artist, the name of the album, and the titles of the individual songs. If the information is input properly when the disc is created, it will scroll across the bottom of the CD display during playback of the MP3/WMA CD.

MP3/WMA CD Programmed Playback

- When programming the tracks on an MP3/WMA CD you must also select the Directory Number of the tracks being programmed.
- You can program up to **64** tracks on an MP3/WMA CD, same as for a normal CD.
- Programming can only be done while the player is in the Stop mode. If the MP3/WMA disc is playing, first press the **■STOP** button to stop playback, then follow the programming steps below.

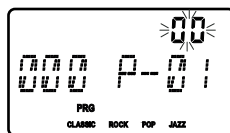
In this example the MP3/WMA CD contains a total of **11** Directories (Albums) and **172** Tracks (Files).

Let's assume that the first track we want to program is Track #**003** in Album #**05**.

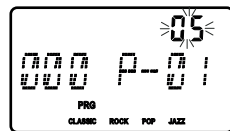
- 1.) Press the **PROGRAM/CLOCK** button on the remote control.

The display shows Album "**00**" flashing.

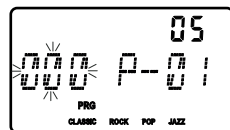
Track "**000**", Program Number "**P – 01**" and "**PRG**" indicator appear.



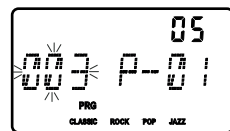
- 2.) Press the **SKIP/TUNING** **▶▶** button repeatedly to select Album #**05**.



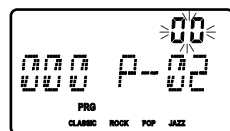
- 3.) Press the **PROGRAM/CLOCK** button to enter Album #05 in Program Memory P – 01. The track "000" flashes.



- 4.) Press the **SKIP/TUNING** **▶▶** button repeatedly to select Track # **003**.



- 5.) Press the **PROGRAM/CLOCK** button to enter Track # 003 in Program Memory P – 01. The Program Number display advances to "**P – 02**", the Track Number returns to "**000**".



- 6.) Repeat Steps 2 through 5 to enter up to 64 tracks in the program memory.

After you have entered up to 64 tracks in the Program Memory, press the **▶▶PLAY/PAUSE** button to begin programmed playback.

Title Search And Album Search On MP3/WMA CDs

This system allows you to search through a MP3/WMA CD and select a specific "album" (Directory), or even a specific song "title" (File) for immediate playback.

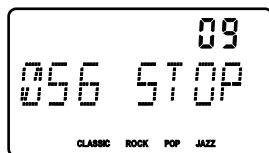
Notes:

- A.) Title/Album Search can only be performed using the remote control handset.
- B.) Title/Album Search can only be performed if the title and album information was properly encoded in the original MP3/WMA files before they were "burned" (recorded) on the CD.

To search a MP3/WMA CD for a specific song by title:

- 1.) Load the MP3/WMA CD in the player and wait until the player reads the Table of Contents on the disc and shows the total number of 'Albums' (Directories) and 'Tracks' (Files) on the disc.

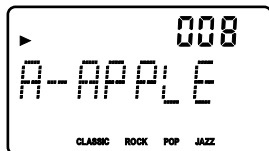
For example in the illustration the disc contains **9** Albums and **56** Tracks.



- 2.) Press the **ST/ESP/ID3/FIND** button on the remote control **once**.

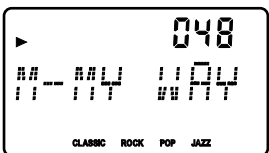
The player will enter the alphabetical and numerical title search mode beginning with the letter "A".

The display will show the first song title beginning with the letter **A**.



- 3.) Press the **SKIP/TUNING** "►►" button repeatedly to scroll through all the song titles on the disc in alphabetical and numerical order.

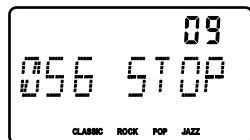
When you see the desired "song title" on the display (example: **My Way**), press the **►II PLAY/PAUSE** button to begin immediate playback of that title.



To search a MP3/WMA CD for a specific album:

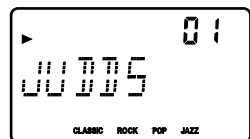
- 1.) Load the MP3/WMA CD in the player and wait until the player reads the Table of Contents on the disc and shows the total number of 'Albums' (Directories) and 'Tracks' (Files) on the disc.

For example in the illustration the disc contains **9** Albums and **56** Tracks.



- 2.) Press the **ST/ESP/ID3/FIND** button on the remote control twice. The Search Album symbol **ALBUM** will appear in the display and the player will enter the Album Search mode beginning with Album **01**. The display will show the name the Album.

Example: **Judds**



Note: If the album name is not recognized, or if the album was not properly named, the display will show "**NONE**".

Press the **SKIP/TUNING** "►►" button repeatedly to scroll through all the Albums on the disc in numerical order.

When you see the desired Album name on the display press the **►|| PLAY/PAUSE** button to begin immediate playback of the first track in that album.

USB OPERATION

Playing MP3/WMA Audio Files on Portable USB Storage Devices (including iPod shuffle)

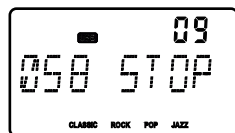
Note: The USB port on this system enables playback of songs only in MP3 and WMA formats (without Digital Rights Management (DRM)). It cannot play songs purchased from iTunes or other songs in AAC format, songs in ATRAC format or songs purchased from walmart.com and some other online music retailers. It may be possible to convert your music to one of the playable compressed formats, or burn it to an audio CD, depending on the DRM restrictions. If you wish to play back songs that you have purchased from iTunes directly from your iPod shuffle, please follow the instructions on page 8 for connecting the shuffle's headphone output jack to the system's AUX IN inputs.

- 1.) Turn the system 'On' as usual.
- 2.) Press the **FUNCTION** button repeatedly until the main display shows "USB".
- 3.) Connect your portable USB storage device to the USB port on the front panel of this system as shown in the illustration.



Note: The portable USB drive can only be connected one way, usually with the printed side facing up. If you have trouble connecting your USB storage device to the USB port, do not force it. This may damage the connector. Instead turn the device over and try connecting it again.

- 4.) The player will read the information on the external device and the display will show the total number of 'tracks' or files on the device.
- 5.) Press the **▶|| PLAY/PAUSE** button to begin playback.
 - Adjust the **VOLUME**, **EQ**, and **DBBS** controls as desired.
 - You can skip tracks with the **SKIP TUNING "▶▶"** or **"◀◀"** button just as you would with a normal CD.
 - You can skip albums with the **ALBUM/MEM.CH "+"** or **"-"** buttons.
 - You may press the **ST/ESP/ID3/FIND** button to display the album name, then press the **SKIP TUNING "▶▶"** or **"◀◀"** buttons to skip as desired.



Note: if the album name is not recognized, or if the album was not properly named, the display will show "NOTE".

- 6.) Playback will continue until the last track has played and then the display will again show the total number of tracks, albums on the USB device.
You may also press the **■ STOP** button to stop playback at any time.
- 7.) If you are finished listening remove the external device from the USB port and return it to its protective storage case.

* Playback from all USB devices is not guaranteed

Choosing the Correct Adaptor



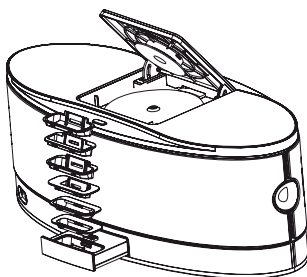
When connecting an iPod to this iPod Dock, please ensure that the correct adapter plate is used. FAILURE TO DO SO MAY RESULT IN DAMAGE TO THE iPod.

This iPod Dock comes with 6 removable dock adapters. Using the correct adapter ensures the proper fit for your iPod and helps to reduce the stress on the connector when operating the iPod.

NOTE: The adapter for iPod nano is already installed in the dock.

To place a dock adapter:

1. Refer to the compatibility table below and select the correct dock adapter for the iPod.
2. Place the proper adapter into the dock and press it into position. The adapter will only go in one way. The iPod dock connector should fit through the opening in the bottom of the adapter.
3. Carefully align and then gently insert the iPod into the dock. (The iPod must not be in a case or "SKIN")
4. To remove a dock adapter, first remove the iPod, then grip the adapter and pull gently upwards.



Dock Adaptor Compatibility

		A	B	C	D	E	F
							
iPod touch 	8GB						X
	10GB						X
3G nano 	4GB					X	
	8GB					X	
iPod classic 	80GB			X			
	160GB		X				
2G nano 	2GB				X		
	4GB				X		
	8GB				X		
5G iPod (with video) 	30GB			X			
	60GB		X				
	80GB		X				
iPod nano 	2GB				X		
	4GB				X		
iPod photo 	20GB		X				
	30GB		X				
	40GB	X					
	60GB	X					
4G iPod 	20GB		X				
	40GB	X					
iPod mini 	4GB		X				
	6GB		X				
	10GB		X				
3G iPod (Play only will not charge) 	15GB		X				
	20GB		X				
	30GB	X					
	40GB	X					

PLAYING VIDEO FROM iPod

This unit supports playback of video from video capable iPod models. You can view images and video stored on your iPod on a TV.

To play video from iPod:

1. Refer to your iPod documentation to be sure it is video capable.
2. Ensure the video output on your iPod is turned on.

Video Settings → **TV out** → **On**

3. Make sure the unit and TV are connected using an S VIDEO or composite video connection.

4. Make sure the iPod is securely docked into the unit using the correct dock adapter
5. Select iPod mode using **FUNCTION** button
6. Play video on your iPod or start a slideshow Video will play on your TV and audio through the unit's speakers

Playing Music and Video From Your iPod

Press PLAY on the iPod, main unit or remote. The music playback will start.

You can control all of the iPod's functions including menu navigation from the remote control, and to select tracks, play, pause and stop and from the main unit

Control	Location	Function
▶	Main unit, remote	Press to play, press again to pause
◀◀ ▶▶	Main unit, remote	Press once to select track
■	Main unit, remote	Press to stop
MENU	Remote	iPod MENU function
SELECT	Remote	iPod SELECT function
+	Remote	iPod scroll up
-	Remote	iPod scroll down
REPEAT/ VIDEO OUT	Remote	Select iPod video output when in the video or photo mode.

iPod Model	Video output Features									
	3G iPod	iPod mini	4G iPod	iPod photo	iPod nano	5G iPod	2G iPod	iPod Classic	3G nano	iPod touch
Composite	No	No	No	Yes	No	Yes	No	Yes	Yes	Yes
S-video	No	No	No	Yes	No	Yes	No	Yes	Yes	Yes
Component	No	No	No	No	No	No	No	Yes	Yes	Yes

CHOOSING THE CORRECT ADAPTER

Charging your iPod

When an iPod is docked into the system it will be provided power to charge. You will notice a charging indication on the screen of the iPod when it is charging. You may leave the iPod docked to the system for extended periods. charging will automatically stop when the battery is fully charged.

FAILURE TO DO SO MAY DAMAGE THE iPod

When an iPod is inserted into the dock, it will go to standby mode then turn off. Whilst the iPod is docked in the system, it will recharge (until fully charged). Please note that older 3rd generation iPod cannot be charged by this unit.

SPECIAL FUNCTIONS

TIMER Operation (On Remote Control Only)

This system includes a programmable Timer function. You can use the timer to wake you up to iPod TUNER, or to your favorite CD.

The timer can be programmed while the unit is in the Standby (Power Off) mode, the **TUNER**, **CD**, or **iPod** mode.

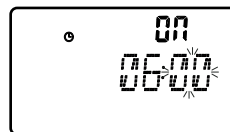
To Set The TIMER The 1ST Time

- 1.) Press and hold the **TIMER** button on the remote control.

The “⌚ on” indicators appear and the Hour digits will begin flashing in the display.

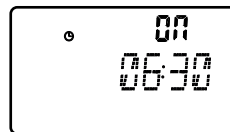


- 2.) Press the **SKIP/TUNING** ►► or ◄◄ buttons to set the display to the desired turn 'On' hour.



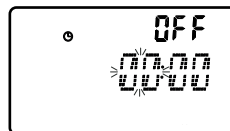
- 3.) Press the **TIMER** button. The Minute digits begin flashing.

- 4.) Press the **SKIP/TUNING** ►► or ◄◄ buttons to set the display to the desired turn 'On' minute.



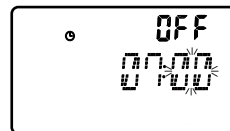
- 5.) Press the **TIMER** button again.

The “⌚ OFF” appears in the display, the Hour digits begins flashing.



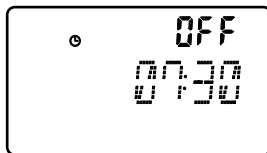
Press the **SKIP/TUNING** ►► or ◄◄ buttons to set the display to the desired turn 'Off' hour.

- 6.) Press the **TIMER** button. The Minute digits begin flashing.

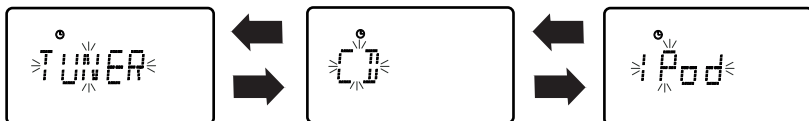


- 7.) Press the **SKIP/TUNING** ►► or ◄◄ buttons to set the display to the desired turn 'Off' minute.

- 8.) Press the **TIMER** buttons again.
TUNER flashes in the display.



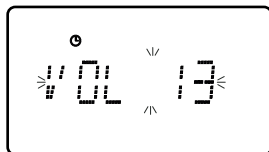
Press the **SKIP/TUNING** ►► or ◄◄ buttons to select turn "On" iPod, TUNER or CD mode.



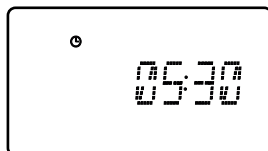
- 9.) Press the **TIMER** buttons.

"VOL 13" flashes in the display indicating you may now adjust the turn 'On' Volume level.

Press the **SKIP/TUNING** ►► or ◄◄ buttons to set the turn "On" Volume level as desired.



- 10.) Press the **TIMER** button again to confirm.
The display will show Timer settings in sequence once more.
The ⌚ indicator remains "On".



- 11.) At the selected Timer 'On' time, the unit will turn on.

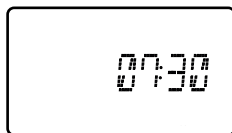
The volume increases gradually to the preset level. It will sound until the turn "Off" time is reached and the power shut off automatically.

- 12.) To stop the unit sooner, press the **STANDBY/ON** button.

The power turns 'Off', but the Timer remains set and will turn the unit on again at the same time on the following day.

- 13.) If you do not want the Timer to turn the unit on the following day, press the **TIMER** button once.

The ⌚ indicator disappears in the display.



Press the **TIMER** button again to reactivate the Timer, the ⌚ indicator resappears.

- 14.) To re-program the Timer, press and hold the **TIMER** button until the Hour digits begins flashing. Then repeat the steps 2-11 on pages 34-35.

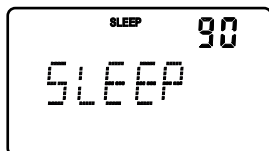
Notes: *If the unit truns on to CD function it will only play until the end of the disc and then stop. If your CD is only 45 minutes, the unit will only play for 45 minutes but the power will remain 'On' until turn 'Off' time is reached.*

SLEEP Timer (On Remote Control Only)

This system includes a programmable Sleep Timer that allows you to fall asleep to between 10 and 90 minutes of music and then shuts the power 'Off' automatically.

To operate the sleep timer:

- 1.) Turn the system 'On' and operate either the TUNER or CD function as usual.
- 2.) Adjust the **VOLUME** control to the desired level. Remember that the level you select for the sleep to music function is the same level you will hear when the timer turns the system on in the morning.
- 3.) Press the **SLEEP** button on the remote control.
- 4.) The display will show "**SLEEP 90**" indicating that the sleep timer will shut the power off after 90 minutes.



Continue pressing the **SLEEP** button to decrease the amount of sleep timer operation.

Each time you press the **SLEEP** button you subtract **10** minutes to the sleep timer. The minimum sleep timer operation is **10** minutes.

- 5.) After a few seconds the Sleep Time display disappears and the normal Tuner or CD display returns, but the small **SLEEP** indicator remains in the display. When the Sleep Timer counts down to "00", the power shuts off automatically.



Notes:

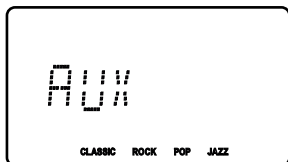
- You can shut the unit off manually before the Sleep Timer counts down to "00" by pressing the **STANDBY/ON** button at any time.
- If you are falling asleep to CD, the system will only operate until the CD ends. If you set the Sleep Timer for 90 minutes but your CD is only 45 minutes long, the music will stop after 45 minutes.

Auxiliary Operation

You can listen to an auxiliary audio source connected to the AUX IN jacks on the back panel of this unit (refer to page 8 for connection information.)

Press the **FUNCTION** button or **AUX** button on remote control to select the Aux function.

The **AUX** indicator appears in the display.



Operate the external device as you would normally.

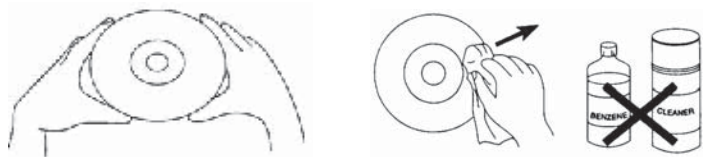
When you hear the music from your external source adjust the **VOLUME**, **EQ** and **DBBS** controls of this system as desired.

COMPACT DISC CARE

- To remove a disc from its storage case, press down on the center of the case and lift the disc out, holding it carefully by the edges.



- Fingerprints and dust should be carefully wiped off the disc's recorded surface with a soft cloth. Unlike conventional records, compact discs have no grooves to collect dust and microscopic debris, so gently wiping with a soft cloth should remove most particles. Wipe in a straight line from the inside to the outside of the disc. A small dust particles and light stains will have absolutely no effect on reproduction quality.



- Clean the disc periodically with a soft, lint-free, dry cloth. Never use detergents or abrasive cleaners to clean the disc. If necessary, use a CD cleaning kit.
- Never write on or affix labels to the surface of compact discs.

CARE OF THE CABINET

If the cabinet becomes dusty wipe it with a soft dry dust cloth. Do not use any wax, polish sprays, or abrasive cleaners on the cabinet.

CAUTION

Never allow any water or other liquids to get inside the unit while cleaning.

TROUBLESHOOTING GUIDE

Symptom	Possible Cause	Solution
Radio		
Noise or sound distorted on FM or MW broadcasts.	Station not tuned properly for FM or MW.	Retune FM or MW broadcast station.
	FM: Wire aerial is not positioned correctly .	Extend FM wire aerial.
	Loop aerial is not positioned correctly.	Reposition so that the best reception is obtained.
FM STEREO indicator does not light.	FM station is mono or station signal is weak.	Extend FM aerial. Try other strong stations.
MW or FM, no sound.	Function is not set to Tuner.	Press TUNER button to select Tuner function.
	Volume at minimum.	Increase Volume.
Compact Disc Player		
CD Player will not play.	Function is not set to CD.	Press FUNCTION button to select CD function.
	CD is not installed or installed incorrectly.	Insert CD with label side up.
CD skips while playing.	Disc is dirty or scratched.	Wipe disc with cloth or use another disc.
USB , iPod® Player		
USB will not play	Function is not set to USB.	Press FUNCTION button to select USB function.
	USB DEVICE is not installed or installed incorrectly.	Insert USB DEVICE in to slot.
	Incompatible USB DEVICE used.	Playback using any USB DEVICE cannot be guaranteed, please try another USB DEVICE.
No sound from on the unit speaker system.	Input source is low.	Increase the volume level on the audio source device.
iPod® volume control does not increase audio volume	iPod® volume control only controls volume output to the headphone jack.	Use the unit volume control for volume control when the iPod® is docked on the unit.

Remarks:

If troubleshooting (see above) does not eliminate the problem, disconnect the unit from the mains power and re-connect after a few seconds. Resetting causes the unit to restore its factory default setting and results in all the setting made by the user being deleted.

Warranty

Please keep your receipt as proof of purchase. This product is warranted for any defect in materials or workmanship for one year after the original date of purchase. This product is for normal domestic and office use only. This warranty does not cover damage from misuse or neglect, accidental damage, vermin infestation, excessive voltages such as lightning or power surges or any alternation that affects the performance or reliability of the product.

In the unlikely event that your product fails to work normally, please contact the **Grundig Helpline 1800 509 394 (Australia) or 0800 450 259 (New Zealand)** and have your receipt of purchase on hand.

This guarantee is subject to the following provisions:

- It is only valid within boundaries of the country of purchase;
- The product must be correctly assembled and operated in accordance with the instructions contained in the manual;
- This product must be used solely for domestic purposes;
- The guarantee does not cover accidental damage;
- The guarantee will be rendered invalid if the product is resold or has been damaged by inexperienced repair;
- The manufacturer disclaims any liability for incidental or consequential damaged.

This guarantee is in addition to, and does not diminish, your statutory or legal rights.

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Grundig Helpline: 0800 450 259 New Zealand

