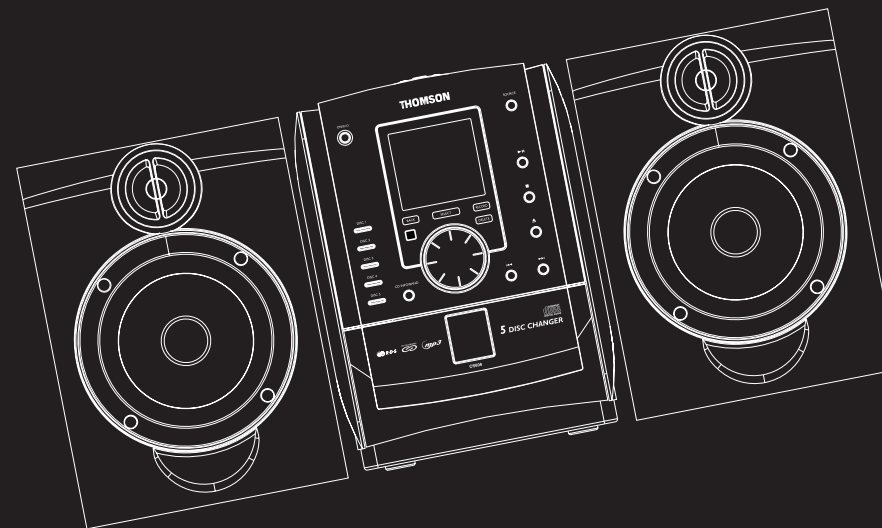


THOMSON

u s e r
m a n u a l



THOMSON
46, quai Alphonse Le Gallo
92648 Boulogne
Cedex FRANCE
www.thomson.net

5626 0970

CS606

It is important to read this instruction book prior to using your new product for the first time

Safety Information

EN

For UK Only

CONNECT THE MAIN LEAD INTO A MAINS POWER SOCKET

POWER SUPPLY **230V**. It must not be connected to D.C. mains.

Note: The mains lead of the set is fitted with a molded plug. If the mains socket are not compatible or if for any reason the plug is removed please follow the directions below. The molded plug cannot be rewired and if removed must be disposed of safely.

DO NOT under any circumstances plug the severed plug into any mains socket as this could result in electric shock.

Important: If the plug is removed, rewire the new plug as follow:
The wires in the mains plug are colored in accordance to the following code:

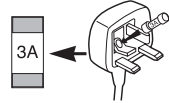
BLUE = NEUTRAL / BROWN = LIVE

If the colors of the wires in the mains lead of this apparatus may not correspond with the colored markings identifying the terminals in your plug, proceed as follows:

BLUE wire to the terminal coded N (Neutral) or colored black.

BROWN wire to the terminal coded L (Live) or colored red.

DO NOT make any connection to the terminal in the plug which is marked by the letter E or by the earth symbol or colored green or green and yellow.



A fused plug must be fitted with a 3A fuse approved by ASTA or BS1362 and fuse covers must be always be securely replaced. If you set does not work, the fuse may be blown.

Main plug is used as the disconnect device, it shall remain operable and should not be obstructed during intended use. To be completely disconnected the apparatus from supply mains, the main plug of the apparatus shall be disconnected from the mains socket outlet completely.

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
THE LIGHTNING FLASH AND ARROW-HEAD WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF "DANGEROUS VOLTAGE" INSIDE THE PRODUCT.	CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.	THE EXCLAMATION POINT WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF IMPORTANT INSTRUCTIONS ACCOMPANYING THE PRODUCT.
SEE MARKING ON BOTTOM / BACK OF PRODUCT		

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

Safety Information

EN

CAUTION!

Invisible laser radiation when open. Avoid exposure to beam. Class 1 laser product. This system must be opened only by qualified technicians to prevent accidents caused by the laser beam.

LASER $\lambda = 780 \text{ nm}$, P max = 5 mW

Rating Information: At bottom/rear of the unit.
This unit comply with the existing requirements



In accordance with the rating plate of the unit, this unit complies with current standards concerning electrical safety and electromagnetic compatibility.



Please respect the environment Before throwing any batteries away, consult your distributor who may be able to take them back for specific recycling.



Have a Blast- Just Not in Your Eardrums

Make sure you turn down the volume on the unit before you put on headphones. Increase the volume to the desired level only after headphone are in place.

ADVARSEL!
 USYNLIG LASERSTRÅLNING VED ÅBNING NÅR SIKKERHEDSAFBRYDERE ER UDE AF FUNKTION. UNGDÅ UDSÆTTELSE FOR STRÅLNING.
 VORSICHT!
 UNSICHTBARE LASERSTRALUNG WENN ABDECKUNG GEÖFFNET UND SICHERHEITS-VERRIEGLUNG ÜBERBRÜCKT.
 NICHT DEM LASERSTRAHL AUSSETZEN!

CAUTION - INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS FAILED OR DEFEATED. AVOID EXPOSURE TO BEAM.
 ATTENTION - RAYONNEMENT LASER INVISIBLE DANGEREUX EN CAS D'OUVERTURE ET LORSQUE LA SECURITE EST NEUTRALISEE.
 EXPOSITION DANGEREUSE AU FAISCEAU.



CLASS 1 LASER PRODUCT
 LASER KLASSE 1
 APPAREIL A LASER DE CLASSE 1
 LUOKAN 1 LASERLAITE
 KLASS 1 LASERAPPARAT

WARNING-
 OSYNLIG LASERSTRÅLNING NÅR DENNA DEL ÄR ÖPPNAD OCH SPÄRRAN ÄR URKOPPLADE. BETRÄKTA EJ STRÅLEN.
 VARO!
 AVAITAESSA JA SOUJALUKITUSOHITETTAESSA OLET ALLTIINA NÄKYMÄTTÖMÄLLE. LASERSÄTELYLLE ÄLÄ KATSO SÄTEESEEN.

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The descriptions and characteristics given in this document are given as a general indication and not as a guarantee. In order to provide the highest quality product possible, we reserve the right to make any improvement or modification without prior notice. The English version serves as the final reference on all products and operational details should any discrepancies arise in other languages.

Important Information

EN

Safety Precautions

- Never open the cabinet under any circumstances. Any repairs or internal adjustments should be made only by a trained technician.
- Never operate this product with the cabinet removed.
- Do not use your System immediately after transporting it from a cold place to a warm place, as condensation may cause the system to malfunction.
- Keep your unit away from humid areas and abnormally hot places.
- Do not touch the player with wet hands. If any liquid enters the player cabinet, take the player to a trained technician for inspection.
- This compact disc player uses a laser to read the music on the disc. The laser mechanism corresponds to the cartridge and stylus of a record player. Although this product incorporates a laser pick-up lens, it is completely safe when operated according to directions.
- Discs rotate at high speed inside the player. Do not use damaged, warped, or cracked discs.
- Do not touch the pick-up lens which is located inside the disc compartment. To keep dust from collecting on the pick-up lens, do not leave the compartment door open for an extended period of time. If the lens becomes dirty, clean it with a soft brush, or use an air blower brush designed for camera lenses.
- The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
- Minimum distances around the apparatus for sufficient ventilation .
- The ventilation should not be impeded by covering the ventilation opening with items, such as newspaper,table-cloths,curtains,etc.
- No naked flame sources,such as lighted candles,should be placed on the apparatus.
- Attention should be drawn to the environmental aspects of battery disposal .

Important Information

Important Battery Information

- Remove the batteries to avoid leakage if you do not use your remote control for more than one month.
- Discard leaky batteries immediately as leaking batteries may cause skin burns or other personal injuries. Dispose of batteries in the proper manner, according to provincial and local regulations.
- Any battery may leak electrolyte under the following circumstances:
 - if mixed with a different battery type,
 - if inserted incorrectly,
 - if all batteries are not replaced at the same time,
 - if disposed of in fire, or
 - if an attempt is made to charge a battery not intended to be recharged.

Headset Safety

- Do not play your headset at high volume. Hearing experts warn against extended high-volume play.
- If you experience ringing in your ears, reduce volume or discontinue use.
- You should use with extreme caution or temporarily discontinue use in potentially hazardous situations. Even if your headset is an open-air designed to let you to hear outside sounds, do not turn up the volume so high that you are unable to hear what is around you.

Caution While Driving

Use of headphones while operating an automobile or moving vehicle is not recommended and is unlawful in some states and areas. Be careful and attentive on the road. Stop operation of the unit if you find it disruptive or distracting while driving.

Please Respect the Environment!

Before throwing any batteries away, consult your distributor who may be able to take them back for specific recycling.

Don't Infringe

This product should only be used for the purposes for which it is sold, that is, entertainment, violating no copyright law. Any attempts to use this product for which it is not intended is unlawful and therefore not condoned by Thomson.



This symbol means that your inoperative electronic appliance must be collected separately and not mixed with the household waste. The European Union has implemented a specific collection and recycling

system for which manufacturers are responsible.

This appliance has been designed and manufactured with high quality materials and components that can be recycled and reused.

Electrical and electronic appliances are liable to contain parts that are necessary in order for the system to work properly but which can become a health and environmental hazard if they are not handled or disposed of in the proper way. Consequently, please do not throw out your inoperative appliance with the household waste.

If you are the owner of the appliance, you must deposit it at the appropriate local collection point or leave it with the vendor when buying a new appliance.

- If you are a professional user, please follow your supplier's instructions.
- If the appliance is rented to you or left in your care, please contact your service provider.

Help us protect the environment in which we live!live in!

EN

Table of Contents

EN

Safety Information

Important Information

Table of Contents1

Getting Started 3

- Content of Box3
- Connections of Antennas and Speakers3
- Installation4

General Controls 5

- Main Unit5
- Remote Control6

Display8

Settings 8

- Showing Demonstration8
- Setting the Clock8
- Setting the Timer9
- Program Recording9
- Sleep Timer10

Sound Features10

- Volume Control10
- Bass Boost10
- Muting Audio10
- Using Preset Equalizer Curves10

CD and mp3 Disc Playback 11

- Loading Discs11
- Play and Pause Discs12
- Stop Playback12
- Selecting a Disc12
- Searching Through a Disc12
- Program Playback12

USB Playback13

- Connecting USB device to the Main Unit13
- Selecting USB Mode13
- USB Playback Features13
- Memory Usage13

Radio14

- Selecting Tuner Band14
- Tuning to a Station14
- Using Presets14
- Auto Preset Programming14
- Manually Setting Presets14
- Suppressing Stereo Signal14
- Tuning to an RDS Station15
- Searching by Program Type (PTY)15

Recording to USB device16

- Recording CD to USB device16
- Recording Turner/AUX to USB device17
- Deleting Files from USB device17
- Deleting All Files17

Table of Contents

EN

Advanced Playback Controls18

- Sampling Tracks18
- Repeat18
- Random Playback18
- Setting Up a Program List18
- Renaming Tracks19

Advanced Navigation Controls ...20

- File Navigation20
- Tips on Playback Sequence of Disc21

Troubleshooting Tips22

Maintenance23

- Cleaning23
- Handling CDs23
- CD Lens Care23
- Technical Specification23

Getting Started

EN

Content of Box

- one main unit (with 2 main speakers);
- one remote control;
- one MW loop antenna;
- one user's guide;
- Guarantee card



Warning:

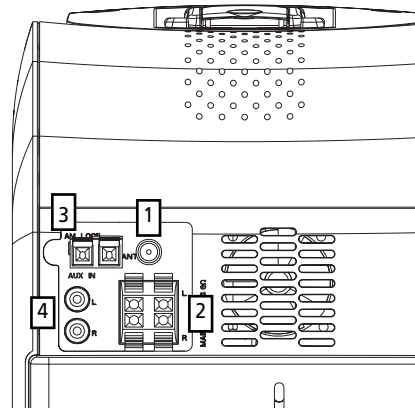
Use of this product is for your personal use only. Unauthorized recording or duplication of copyrighted material may infringe upon the rights of third parties and may be contrary to copyright laws.



Note:

Make sure the tracks are encoded in mp3 or Windows Media formats and supported bitrates. Bitrates supported by the player:
 mp3 - 32 to 320kbps
 wma - 48 to 160kbps

Connections of Antennas and Speakers



1. FM Antenna.
2. Main Speaker Jacks.
3. MW Loop antenna Jacks.
4. AUX IN

Getting Started

EN

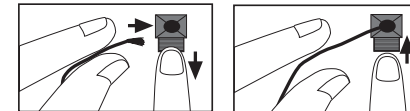
Using the FM and MW Antennas

Before you use your audio system, you'll want to make sure both the FM and MW antennas are positioned properly. Uncoil the FM antenna at the back of the unit, making sure it is fully extended (you may even want to tape it to the wall behind the unit if possible. The higher the better.) You'll also need to connect the MW antenna loop to the back of the unit if you listen to MW stations. Rotate the MW loop antenna for better reception.

Connecting the Speakers

Each speaker has a black (negative) and a red (positive) jack. When connecting the speakers, match the red wires to the red jacks and the black wires to the black jacks.

Speaker Wire Connection



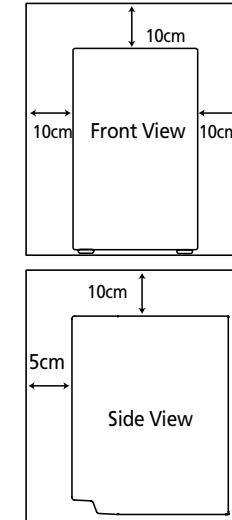
Push Speaker terminal tab down to insert wire.

Release tab to lock wire in the terminal.

NOTE: Make sure the insulation is completely removed from the ends of the speaker wires at all connection points.

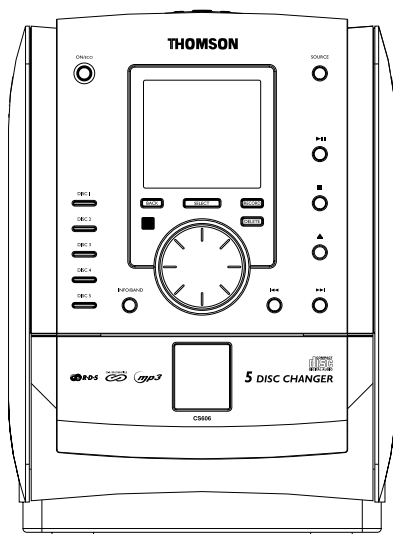
Installation

To ensure sufficient ventilation, keep the spacings shown below free from other surfaces:



General Controls

EN Main Unit - Front View



ON/ECO - Press and hold in standby mode to enter ECO (power saving, without clock display) mode. Press briefly to turn on and off the unit.



Tips:

In **STANDBY** mode, press **ON/ECO** to turn the system on in the previously used mode. Press **SOURCE** to select the corresponding mode. Look at the display icons to identify the current mode.

SOURCE - selects among CD player, USB, tuner and AUX.

DISC 1 / DISC 2 / DISC 3 / DISC 4 / DISC 5 - direct access to the corresponding disc tray for playback.

▶|| (PLAY/PAUSE)- starts and pauses playback for CD and USB.

■ - stops CD and USB operations.

In Recording mode - stops recording;

In Tuner mode - selects tune or preset mode;

▲ (**OPEN/CLOSE**)- Opens or closes the disc tray.

◀◀ (**SKIP BACKWARD**) - *In CD mode* - goes to the previous CD track and setting options; searches backward through CD/file;

In USB mode - skips to the previous file;

▶▶ (**SKIP FORWARD**) - *In CD mode* - goes to the next CD track and setting options; searches forward through CD/file;

In USB mode - skips to the next file;

In Tuner mode - tunes up radio frequency.

INFO/BAND - *In CD mode* - selects display options to show track elapse time, track remain time or disc remain time. During recording, selects display options to show record time and remaining time.

In mp3 / WMA mode - shows ID3 tag.

In USB mode - shows memory usage.

In Tuner mode - selects radio band.

VOLUME CONTROL - adjusts volume (except in navigation mode).

In mp3 / WMA / USB navigation mode - rotate clockwise to navigate downwards and rotate counter-clockwise to navigate upwards.

SELECT - *In mp3 / WMA / USB stop mode* - enters navigation mode.

In navigation mode - navigates forward.

BACK - *In navigation mode* - navigates backwards.

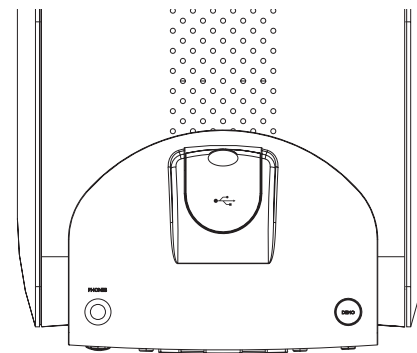
RECORD - starts and stops recording to USB device.

DELETE - removes track from the Program mode.

In USB mode - deletes file from the connected mp3 player.

General Controls

Main Unit - Top View

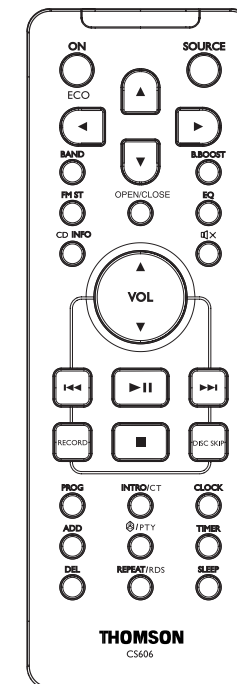


PHONES - Jack for connecting headphones.

DEMO - Activates and deactivates demonstration.

🔌 - USB Connector for connecting Mass Storage Class USB device (e.g. mp3 player).

Remote Control



ON/ECO - turns power on or off (STANDBY mode).

SOURCE - selects among CD player, tuner, USB and AUX.

BAND - *In Tuner mode* - selects radio band.

FM ST - Selects between stereo and mono sound in FM tuner mode.

INFO - *In CD mode* - selects display options to show track elapse time, track remain time or disc remain time.

In mp3 / WMA mode - shows ID3 tag.

In USB mode - shows memory usage.

OPEN/CLOSE - opens and closes disc compartment.

B. BOOST - turns on or off Bass Boost.

General Controls

EN

EQ - selects equalizer presets.

MUTE - mutes audio output.

VOL ▼ or ▲ - decreases or increases volume level.

▶ || (PLAY/PAUSE) - In CD / USB mode - starts and pauses playback.

◀◀ (SKIP BACKWARD) - In clock and timer setting mode - goes to the previous setting option.

In CD / USB mode - Goes to the previous track; searches backward through CD;

In Preset Programming mode - selects channel number;

In Tuner mode - tunes down radio frequency.

▶▶ (SKIP FORWARD) - In clock and timer setting mode - goes to the next setting option.

In CD / USB mode - goes to the next track; searches forward through CD;

In Preset Programming mode - selects channel number;

In Tuner mode - tunes up radio frequency.

RECORD - starts and stops recording to USB device.

■ - In CD / USB mode - stops playback.

In Recording mode - stops recording.

DISC SKIP - skips to the next disc in CD mode.

PROG - In CD / USB and Tuner mode - enters program mode.

INTRO/CT - In CD / USB mode - turns intro mode on or off to play the first 10 seconds of each track / file.

In RADIO mode - shows RDS time.

CLOCK - displays clock time. Press and hold to enter clock setting mode.

ADD - In CD / USB mode - adds track / file to the Program List.

PTY - In CD / USB mode - turns on/off random playback.

In RADIO mode - Selects search by program type in tune mode.

TIMER - enters timer setting mode. Activates and deactivates timer.

DEL - In CD / USB navigation mode - removes track / file from the Program List.

In USB mode - removes file from the connected mp3 player.

REPEAT/RDS - In CD mode - repeats a track, CD or all CDs.

In RADIO mode - displays RDS information.

In USB mode - Selects repeat one file, repeat all files mode.

SLEEP - selects the time interval in minutes before the unit turns off.

△ (UP) - In navigation mode - navigates upwards and move up a list.

In tuner mode - selects the next preset number.

▽ (DOWN) - In navigation mode - navigates downwards and move down a list.

In tuner mode - selects the previous preset number.

◀ (LEFT/BACK) - In navigation mode - navigates backwards.

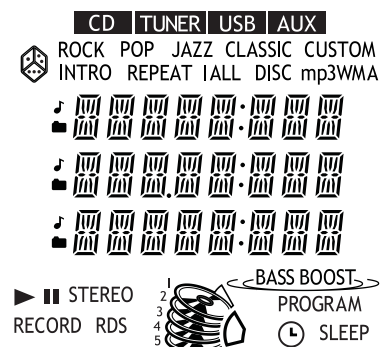
▶ (RIGHT /ENTER) - In navigation mode - navigates forward.

Installing Batteries

The remote control must be inserted with 2 "AAA" or "UM-4" or "R03" batteries prior to use. Follow the steps below to ensure correct installation.

1. Open the battery compartment door by pressing down on the tab and then lifting the door out.
2. Insert "AAA"(UM4) batteries in the compartment.
3. Replace the battery compartment door in place.

Display



CD / TUNER / USB / AUX - indicates the current mode.

🎵 - Random playback is activated in CD mode.

ROCK / POP / JAZZ / CLASSIC / CUSTOM - current equalizer setting.

INTRO - In CD mode, intro is activated so the first 10 seconds of each track will be played.

REPEAT 1 / REPEAT 1 DISC / REPEAT ALL DISC / ALL DISC - In CD mode, indicates the repeat option that is activated.

REPEAT 1 - repeats current track.

REPEAT 1 DISC - repeats current disc.

REPEAT ALL DISC - repeats all discs.

ALL DISC - plays all discs once.

MP3 / WMA - current CD format.

▶ - currently in playback mode.

▶ || - currently in pause mode.

STEREO - In FM tuner mode, indicates stereo sound is selected.

RECORD - recording is activated.

RDS - RDS signal received.

BASS BOOST - bass boost is activated.

PROGRAM - in program mode.

🕒 - timer is activated.

SLEEP - sleep is activated.

1 2 3 4 5 - the corresponding disc icon lights to show which disc compartment is loaded. The current playing disc will flash.

🎵 - the item is a music file.

📁 - the item is a folder.

Settings

Showing Demonstration

Press **DEMO** to turn on/off demonstration mode. The demonstration scrolls through all display operations.



Note:

When system is ON, you can press **CLOCK** to display the current time for about 2 seconds.

Setting the Clock

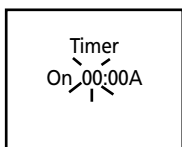
1. Press and hold **CLOCK** on the remote control until the hour flashes on the display.
2. Press ◀◀ or ▶▶ to set the hour and then press **CLOCK** to shift to minute digits.
3. Press ◀◀ or ▶▶ to set the minute.
4. Press **CLOCK** to save settings and ■ to quit setting.

Settings

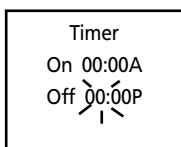
EN Setting the Timer

You can turn on/off the unit or record TUNER at preset times by setting the timer.

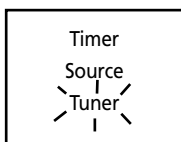
1. Press and hold **TIMER** on the remote control until Timer On and the clock hour flashes on the display.



2. For setting time, press **◀** or **▶** to set the hour and then press **TIMER** to shift to minute digits.
3. Press **◀** or **▶** to set the minute.
4. Press **TIMER** to change to Timer Off setting with clock time flashing. Repeat steps 2 & 3 for timer off time setting.

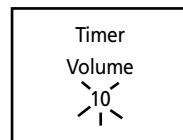


5. Press **TIMER** to select source. Press **◀** or **▶** to select TUNER / TUNER REC / DISC / USB.



If TUNER REC is selected, press **◀** or **▶** to select the preset station.

6. Press **TIMER** to set volume. Adjust **VOLUME CONTROL** to select desired volume level.




7. Press **TIMER** to save settings. Press **■** to quit setting. The timer is automatically activated once timer setting is saved.



Tips:

"TUNER REC" settings are for Program Recording. For more information, see paragraph below.

Activating the Timer

Press and release **TIMER** to turn on/off the alarm. The timer icon  is displayed when timer is activated.

Program Recording

Use Program Recording to preset the unit to record your favorite radio program.

Choose TUNER REC as the source to record radio at the preset time. Make sure the mp3 player is connected and have enough memory space.

Settings

Sleep Timer

You can select the time interval in minutes before the unit turns off automatically.

Press **SLEEP** to select among OFF, 120, 90, 60, 45, 30, 15 and 5 minutes.

The SLEEP icon lights on the display when sleep timer is activated.

View Remaining Sleep Time

When sleep is activated, press **SLEEP** once to view remaining sleep time.

Adjust Sleep Time

Press **SLEEP** again when the remaining sleep time is displayed to change sleep time.



Note:

Sleep is automatically de-activated when the unit is turned off.

Sound Features

Volume Control

Rotate the volume control on the main unit or press **VOL ▲** or **▼** on the remote control to adjust volume level. The volume level shows briefly on the display.

Bass Boost

Press **B.BOOST** to turn on/off boosting the bass frequency. The BASS BOOST icon lights on the display when it is activated.

Muting Audio

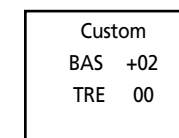
Press **⏏** on the remote to cut the sound (Remote Only). MUTE flashes on the display.

Using Preset Equalizer Curves

Press **EQ** to toggle among FLAT, ROCK, POP, JAZZ, CLASSIC and CUSTOM. The display shows your selection briefly and the relative icon lights on the display.

Creating a Custom Curve

1. Press **EQ** to select CUSTOM mode.
2. While CUSTOM is displayed, press **◀** or **▶** to cycle among displayed bass and treble range levels.
3. While BAS and TRE is displayed, adjust volume control to set the associated gain between -10 - +10.
4. Press **EQ** to exit.



CD and mp3 Disc Playback

EN

Important CD and mp3/WMA Information



This unit is compatible with CD-RW/ CD-R discs for playback.



Notes on CD-R/RW Disc:

- Do not affix any type of labels to either side (recordable or labeled side) of a CD-R/RW disc as this may result in the unit malfunctioning.
- To avoid damages to the CD-R/RW disc, do not open the disc compartment door while the disc is being read.
- Do not load an unrecorded CD-R/RW disc into the unit. This may take a longer time to read the disc.
- Playback capability for CD-RW discs may vary due to variations in the quality of the CD-RW disc and the recorder used to create the disc.

Loading Discs

- Press **SOURCE** repeatedly to select CD mode.
- Press **OPEN/CLOSE** \blacktriangle to open the disc compartment.
- Insert up to 5 discs with label face up.
- Press **OPEN/CLOSE** \blacktriangle again to close the disc compartment.

The occupied disc tray icons lights on the display and the current disc icon flashes on the display. If the disc is a mp3 / WMA CD, the respective MP3 and WMA icon lights on the display.



Notes on mp3/WMA Disc:

- Use .mp3 as the extension when converting audio files into mp3 for saving onto CD-R(W) or CD-ROM, e.g. Abc08.mp3. Do not use any other extension e.g. .doc, .pdf.
- Do not use the .mp3 extension for other text or non-audio data files as this may result in serious malfunction and harmful noise interference.
- For better quality in mp3/WMA disc playback, the CD quality should be recorded 128kbps or above.
- Disc data size > 650MB is not recommended.
- Total files and folders in the disc should not exceed 250, it also depends on the length of the file/folder names.
- For mixed mode discs, only one mode will be selected for playback depending on the recording format.
- To ensure good performance, wait until the disc changer completely reads the disc before proceeding.
- mp3 files in CD ROM EXTRA format disc cannot be recognized.



Note:

Be sure to remove all discs from the disc compartment before moving or transporting the unit!

CD and mp3 Disc Playback

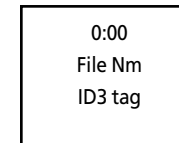
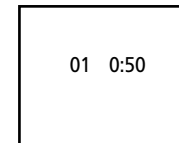
EN

Play and Pause Discs

- To play all discs in the disc compartment, - press $\blacktriangleright \blacksquare$ in stop mode to begin playback.
- To play a specific disc in the disc compartment, - press **DISC 1 - DISC 5** to play the corresponding disc. During mp3 / WMA playback, the display show ID3 tags (Title, Artist and Album).

Audio CD

mp3 / WMA CD



- Press $\blacktriangleright \blacksquare$ during playback to pause disc. Press again to resume.
- To play a specific track in the disc Press \blacktriangleleft or \blacktriangleright to select a track and then press $\blacktriangleright \blacksquare$ to start playback.

Play and load simultaneously by:

- Press **OPEN/CLOSE** \blacktriangle to open the disc tray while a CD is playing.
- Load/change discs for available trays.
- Press **OPEN/CLOSE** \blacktriangle again to close the tray.

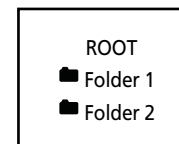
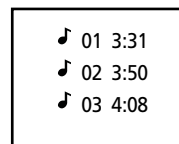
Stop Playback

During playback, press \blacksquare to stop playback. The unit returns to navigation mode briefly (approx. 10 seconds) before entering stop mode.

Navigation mode:

Audio CD

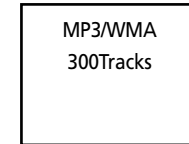
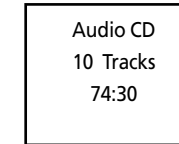
mp3 / WMA CD



Stop mode:

Audio CD

mp3 / WMA CD



Selecting a Disc

Press **DISC 1, DISC 2, DISC 3, DISC 4** or **DISC 5** on the main unit or **DISC SKIP** on the remote control to skip discs.

Searching Through a CD

- Press \blacktriangleleft or \blacktriangleright to skip to the previous or next track.
- Press and hold \blacktriangleleft or \blacktriangleright to search through a CD while it is playing.

Program Playback

Refer to page 18 for details.



Attention:

Do not push to force closing of the tray during CD playback or tray opening.



Tips:

In CD stop mode, press \blacktriangleright to enter navigation mode and show disc menu.

In CD navigation mode, press \blacktriangleleft or \blacksquare to return to stop mode.

For advanced navigation controls, see p.20-21.

USB Playback

EN

Connecting USB device to the Main Unit

1. Uncover the USB connector on the top of the unit.
2. Insert the USB plug of the USB device to the USB connector.

Selecting USB Mode

Press **SOURCE** repeatedly to select USB mode.

USB Playback Features

Start and Pause Playback

Press **▶||** to start and pause playback.

Stop Playback

Press **■** to stop playback operations. The unit enters navigation mode for 10 seconds before entering stop mode.

Stop Mode	Navigation Mode
MP3/WMA 10 Tracks	- ROOT RECORD Song 1

Skipping Files

- Press **◀◀** or **▶▶** to skip to the previous or next file.
- Press and hold **◀◀** or **▶▶** to search through a file while it is playing.

Memory Usage

Press **BAND/INFO** on the main unit or **INFO** on the remote to view memory usage on the USB device.

Mem Usage 141M Used 115M Free



Tips:

In stop mode, press **▷** to enter navigation mode and show disc menu.

In navigation mode, press **◀** or **■** to return to stop mode.

For advanced navigation controls, see p.20-21.

Radio

EN

Selecting Tuner Band

1. Press **SOURCE** to enter Tuner mode.
2. Press **BAND** to select between FM or MW Radio band.



Tips:

Your audio system has 32 preset stations.

Tuning to a Station

Press **◀◀** or **▶▶** to select frequencies. Press and hold **◀◀** or **▶▶** to scan frequencies.

Using Presets

- The tuner can be in either TUNE or PRESET mode.
- Press **■** to toggle TUNE and PRESET mode.
 - Press **◀◀** or **▶▶** to access the previous or next preset station.

Preset 01 87.50MHz



Tips: Under PRESET mode, press **◀◀** or **▶▶** can only access the preset stations. Manually tuning is not accessible in this mode.

Auto Preset Programming (FM only)

Press and hold the **BAND** button for 2 seconds to scan stations in FM band. The stations will then be stored as preset channels. A maximum of 32 stations can be stored. Beware of your preset channels being erased accidentally because the scanning and storing process is automatic upon pressing the button. You can stop the automatic scan by pressing any button, but the erased stations cannot be recovered.

Auto Prog 87.50MHz

Manually Setting Presets

1. Press **■** to enter TUNE mode.
2. Press **◀◀** or **▶▶** to access the desired frequency.
3. Press the **PROG** button once and the most recently accessed program location flashes on the display.

Preset 02 90.50MHz

4. If a different program location is preferred, press **◀◀** or **▶▶** to move to the desired preset number (1-32).
5. Press **PROG** to store the selected frequency at that preset.

Suppressing Stereo Signal

Press **FM ST** to toggle between FM mono and stereo mode. (Remote Only) "STEREO" is displayed in stereo mode.

Radio

EN Tuning to an RDS Station



Note:

RDS stations broadcast on FM only. When the tuner detects an RDS signal, the RDS icons turns on.

1. Press **◀▶** or **▶▶** to go to your desired frequency.
2. If a RDS station found, RDS lights on display with station name shown.

Displaying RDS Station Information

Press **REPEAT/RDS** on the remote control repeatedly to display the following:

- frequency,
- station name (PS),
- station type (PTY),
- clock time (CT), or
- radio text (RT).

In CT mode, press the **INTRO/CT** key to replace the displayed time with RDS station time.

Searching by Program Type (PTY) (Remote Only)

1. Press **⊗ / PTY** to enter PTY selection
2. Press **⊗ / PTY** repeatedly to select a PTY mode.
3. Within 5 seconds, press **◀▶** or **▶▶** to search for a station broadcasting the selected type of program.

You can search for stations using one of the following program types:

- NEWS (news),
- AFFAIR (news and documentaries),
- INFO (weather, medical),
- SPORT (sports),
- EDUCAT (education),
- DRAMA (series and plays),
- CULTUR (religion),
- SCIENC (science and technology),
- VARIED (miscellaneous),
- POP M (pop music),
- ROCK M (rock music),
- MOR M (middle-of-the road music),
- LIGHTM (light music),
- CLASS (classical music),
- OTHERM (unclassified music),
- WEATHE (weather, medical),
- FINANC (stock market reports),
- CHILD (children's programs),
- SOCIAL (sociology, history, geography, psychology, society),
- RELIGI (any aspect of beliefs, faith and God or Gods),
- PHONE (public forum b phone),
- TRAVEL (feature and programs concerning travelling),
- HOBBY (recreational activities and leisure),
- JAZZ (jazz music),
- COUNTR (country music),
- NATION (national music),
- OLDIES (oldies music),
- FOLK M (folk music),
- DOCUME (documentaries),
- TEST,
- ALARM (alarm).

Recording to USB Device

You can record CD, Tuner or Aux to the USB mode (eg. mp3 player).

Recording CD to USB Device

1. Connect the USB device to the USB port, "USB Connected" will show on the display.
2. Press **SOURCE** to select CD mode.
3. Press **RECORD** to start recording.
4. Press **RECORD** on the main unit or **■** to stop recording.



Tips:

If CD playback is already started, recording will begin instantly when **RECORD** is pressed.



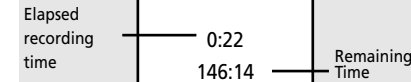
Tips:

Recording stops automatically when CD stops (For example: end of disc is reached).



Tips:

To view elapsed recording time and remaining time, press **BAND/INFO** on the main unit or **INFO** on the remote in recording mode.

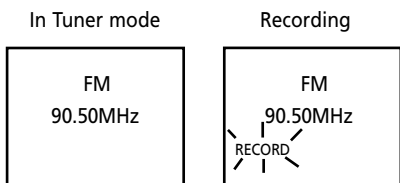


Recording to USB device

EN

Recording Tuner/AUX to USB Device

In Tuner or AUX mode, press **RECORD** to start recording. Press **■** or **RECORD** to stop recording.



Example:

1. In Tuner mode, select the station to record (refer to page 14 for details).
2. Press **RECORD** to start recording.
3. Press **■** or **RECORD** to stop recording.

Program Recording

Use Program Recording to preset the unit to record your favorite radio program. Refers to "Program Recording" on page 9.

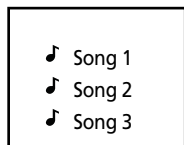


Note:

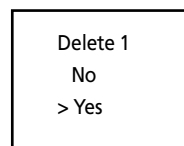
The encoding bitrate for tuner, CD and AUX signal are as below:
 CD / Aux : 128 kbps
 Tuner : 96 kbps

Deleting Files from USB Device

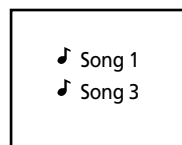
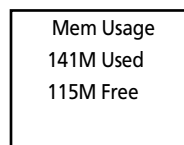
1. In navigation mode, select the file to delete using the navigation buttons (Refer to "Advanced Navigation Controls" on page 20 for details.)



2. Press **DELETE** on the main unit or **DEL** on the remote control.



3. Rotate the Volume button on the main unit or press **△** or **▽** on the remote control to select "Yes" to delete or "No" to cancel.
4. Press **SELECT** on the main unit or **▷** on the remote control to confirm selection. If Yes is selected, the display shows memory usage information after deleting selected file for a few seconds, then returns to navigation menu.



Deleting All Files

In navigation mode, press and hold **DELETE** on the main unit or **DEL** on the remote control to delete all the files on the USB device.

Advanced Playback Controls

In CD / USB mode, advanced playback controls allow you to sample, repeat, randomly playback files and set up a Program List. In USB mode, allow you to rename tracks.

Sampling Tracks

Press **INTRO** on the remote control to play the first 10 seconds of each track on the current disc, all discs in the tray, or turn intro mode off. **INTRO** is displayed when sampling is activated.

Repeat

Press **REPEAT** on the remote control to toggle repeat options:
 Repeat the current track (REPEAT 1),
 Repeat current disc (REPEAT 1 DISC),
 Repeat all discs (REPEAT ALL DISC), or
 Normal playback (ALL DISC).

Random Playback

Press **SHUFFLE** on the remote control to turn on/off random playback. The SHUFFLE icon is displayed when it is activated.
 All the tracks on one disc will be shuffled and played once before shuffling and playing tracks from the next disc.

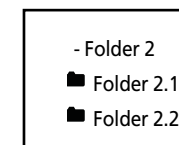


Tips:

Random playback can be activated simultaneously with repeat 1 disc (randomly play tracks from one disc repeatedly) or repeat all discs (randomly play tracks from all discs repeatedly).

Setting Up a Program List

1. In navigation mode, press **DISC SKIP** to select disc.
2. Use the navigation buttons to select the track / file to add to Program List.
2. Press **ADD** to save the selected track into the next available program location.
3. Repeat steps 1 to 3 to store more tracks into program memory.



Note:

You can create a program of up to 32 tracks.



Tips:

In CD stop mode, press **PROG** to toggle between program mode and normal mode.



Note:

Each source mode has an individual My Selection playlist.

Advanced Playback Controls

EN

Playing a Program List

While in PROGRAM stop mode, press ►||. If you are not currently in program mode, press **PROG** to enter program mode. Program playback begins automatically.

Display Program List

- While the CD player is stopped, press **PROG** to enter PROGRAM mode. Program playback begins automatically after entering program mode. To display program list, press ■.



PROG 30

- Press ▲ / ▼ repeatedly to view each track assignment in the program list.

Deleting from Program List

- While in PROGRAM mode, press ▲ or ▼ to select the program to delete.
- Press **DEL**.
- Press ▲ or ▼ to select between No and Yes.
- Press ► to confirm selection.

Deleting the Entire Program List

- While in PROGRAM mode, press ▲ or ▼ to select the program to delete.
- Press and hold **DEL**.

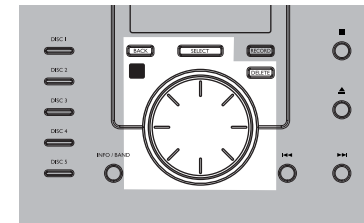
Renaming Tracks

You can rename tracks in USB device or mp3 player.

- In USB navigation mode, press **PROG** on the remote control to enter rename mode.
- Press ▲ or ▼ to select alphabets.
- Press **SELECT** to confirm the current alphabet and move to the next alphabet.
- Press **PROG** to confirm and store the new file name after editing the last alphabet.
- Press **BACK** to edit the previous alphabet.
- Press **DELETE** to delete the alphabet.

Advanced Navigation Controls

File Navigation Main Unit



SELECT - enters navigation mode from mp3 / WMA / USB stop mode.

Enters selected folder in navigation mode. Begins playback of the selected file in navigation mode.

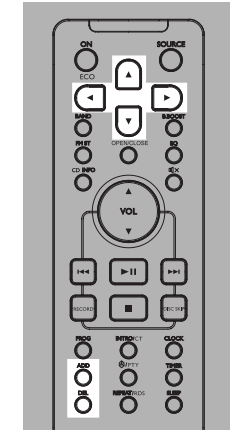
BACK - goes back up one level in navigation mode; returns to stop mode from navigation mode when at root level.

DELETE - In mp3 / WMA / USB navigation mode - removes the selected file from the Program List. In USB mode - deletes selected file.

Volume Control - rotate clockwise to navigate downwards.

Rotate counter-clockwise to navigate upwards.

Remote Control



◀ (**LEFT / BACK**) - navigates backwards. Returns to the previous navigation menu level. Returns to stop mode from navigation mode.

▶ (**RIGHT / ENTER**) - navigates forward. Enters navigation mode from mp3 / WMA / USB stop mode.

Enters current folder and shows the first file/folder from current folder.

▲ (**UP**) - navigates upwards. Enters navigation mode from mp3 / WMA / USB stop mode.

Selects previous file/folder on the navigation menu.

▼ (**DOWN**) - navigates downwards. Enters navigation mode from mp3 / WMA / USB stop mode.

Selects next file/folder from the navigation menu. **ADD** - In mp3 / WMA / USB navigation mode - adds the selected file into the Program List.

DEL - In mp3 / WMA / USB navigation mode - removes the selected file from the Program List when reviewing program.

In USB mode - removes file from the connected mp3 player.

EN

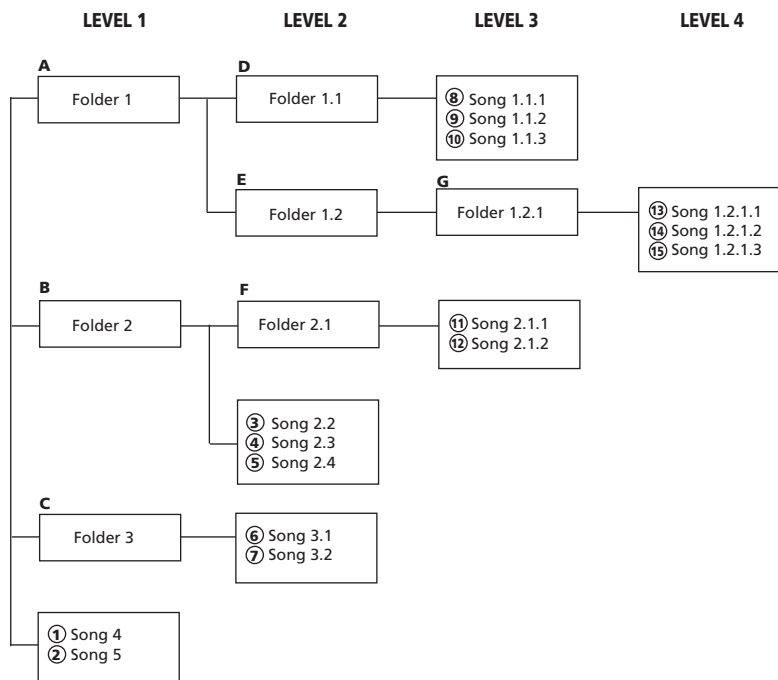
Advanced Navigation Controls

EN



Tips on Playback Sequence of Disc

- Check that the mp3/WMA disc is created with a single folder structure. Refer to the diagram below for playback sequence details on multi-level folder structure.
- For example, folders and songs from level 2 are played before moving on to play folders and songs from level 3.



Note:

- Folder playback sequence is indicated by the letters A to G.
- Song playback sequence is indicated by the numbers (1 to 15) in front of the song name.

Troubleshooting Tips

EN

Problem	Solution	Problem	Solution
<i>System will not turn on</i>	<ul style="list-style-type: none"> • Check power cord for a secure connection. • Unplug the unit for a moment, and then plug into power source again. • Check the outlet by plugging in another device. 	<i>CD sound skips</i>	<ul style="list-style-type: none"> • Clean the disc. • Check disc for warping, scratches, or other damage. • Check if something is causing the system to vibrate. If so, move the system. • Make sure the speakers are at least 3 feet away or on a different surface from the main unit.
<i>No sound</i>	<ul style="list-style-type: none"> • Increase the volume setting. • Check connection to speakers. • Check that you have selected the appropriate function: CD, Tuner. • Make sure mute is off. • Make sure headphones are not plugged in. 	<i>CD button will not respond, or does not change discs when you press DISC SKIP</i>	<ul style="list-style-type: none"> • Switch to another function (Tuner) and then back to CD.
<i>Poor radio reception</i>	<ul style="list-style-type: none"> • Check antenna connection. • Move antenna. • Turn off nearby electrical appliances, such as hair dryer, vacuum cleaner, microwave, fluorescent lights. 	<i>Remote control does not work</i>	<ul style="list-style-type: none"> • Check that the batteries are properly installed. • Replace weak batteries. • Check the system is plugged into power source. • Point the remote directly at the system's front panel. • Move closer to the system. • Remove any obstacles between the remote and the system.
<i>CD does not play</i>	<ul style="list-style-type: none"> • Check that CD is in the tray. • Check that CD label is facing up. • Check that PAUSE mode is not on. • Check that CD function is selected. • Use CD lens cleaner. • Clean the disc. • Try another CD. 		

Maintenance

EN

Disconnect the audio system from the power source before performing any maintenance.

Cleaning

Clean the exterior of the system using a soft dust cloth.

CD Player

CAUTION! This system operates with a laser. It must be opened by only a qualified technician.

Handling CDs

- Do not touch the signal surfaces. Hold CDs by the edges, or by one edge and the hole.
- Do not affix labels or adhesive tapes to the label surfaces.
- Do not scratch or damage the label. CDs rotate at high speeds inside the player.
- Do not use damaged (cracked or warped) CDs

Cleaning CDs

- Dirty CDs can cause poor sound quality. Always keep CDs clean by wiping them gently with a soft cloth from the inner edge toward the outer perimeter.
- If a CD becomes dirty, wet a soft cloth in water, wring it out well, wipe the dirt away gently, and then remove any water drops with a dry cloth.
- Do not use record cleaning sprays or antistatic agents on CDs. Also, never clean CDs with benzene, thinner, or other volatile solvents which may cause damage to disc surface

CD Lens Care

When your CD lens gets dirty it can also cause the system to output poor sound quality. To clean the lens you will need to purchase a CD lens cleaner which can maintain the output sound quality of your system. For instructions on cleaning the CD lens, refer to the ones accompanying the lens cleaner.

Technical Specification

Power supply: 230V~50Hz

Dimensions (H x W x D mm):

Unit size - 280 x 185 x 305

Speaker - 292 x 198 x 218

Unit Weight: 12.5 kg

CD player: Response curve (+/- 2dB): 60Hz to 5kHz

Rating Plate: Look for it at the back of the set.

Maximum size of Mass Storage Class device supported: 20 GB

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