POWER SUPPLY 230V. It must not be Note: The mains lead of the set is fitted with a moulded plug. If the mains socket are not compatible or if for any reason the plug is removed please follow the directions below. The moulded plug cannot be rewired and if removed must be disposed of safely.

<u>DO NOT</u> 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 coloured in accordance to the following code: BLUE = NEUTRAL/BROWN = LIVE

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

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

the unit, this unit complies with current standards concerning electrical safety and electromagnetic compatibility.

In accordance with the rating plate of

laser beam. LASER $\lambda = 780$ nm, P max = 5 mW



(Neutral) or coloured black.

DO NOT make any connection minal in the plug

by the letter E or by the earth symbol or coloured green or green and yellow.

or coloured red.

which is marked

BROWN wire to the terminal coded L (Live)

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.

Please respect the environment. Before



· Attention should be drawn to the

environmental aspects of battery disposal.
The use of apparatus in moderate climates

Important Battery Information

Remove the batteries to avoid leakage if you do not use your remote control for more than one month

one month.

Discard leaky batteries immediately as leaking

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 all batteries are not replaced at the same time,

time,
- if disposed of in fire, or
- if an attempt is made to charge a battery not
intended to be recharged



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.

Safety Information

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. point or reduct which the vertical when so juiling 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.









THOMSON 46, quai Alphonse Le Gallo 92648 Boulogne Cedex FRANCE 5629 1560 (EN/F)

www.thomson.net

THOMSON

EN/F

CS96

user

manual

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

Important Information

Safety Precautions

CAUTION!

- 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.
- cabinet removed.

 Do not use your System immediately after transporting it from a cold place to a
- 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.
- 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
- 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 directions.
- 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.
- 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.

Headset Safety Do not play your headset at high volume. Hearing experts warn against extended high-

- 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.

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.

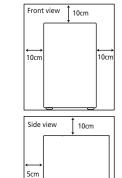
Before You Begin

Unpacking Your System You should have:

One main unit (with 2 speakers);
One remote control; One user's guide;
 One Thomson Warranty Card

Installation

To ensure sufficient ventilation, keep the spacing shown as below:



Connecting the Speakers

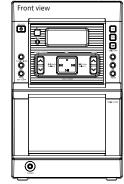


Using the Antenna

Before you use your audio system, you'll want to make sure the FM antenna is positioned properly. The FM antenna is the coiled wire connected to the back of the unit. Uncoil it, 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.) For better AM reception, move or rotate the unit.

Front View

General Controls



SKIP BACKWARD | / SKIP FORWARD | - In In Tape mode - Rewinds or fast forwards tape In tuner mode - Searches down or up radio

> STOP () - In CD mode - stops CD playback In Tape mode – Stops tape playback.
>
> PLAY/PAUSE (►II) – In CD mode – Plays and pauses in Tape mode – Plays and pauses tape playback. PROG-SET-CLEAR – Enters program setting mode; confirms your settings; clears settings.
>
> PRESET / FOLDER - / + – In tuner mode – Selects

ON•ECO - Turns on/off the unit. Remember to

unplug the power cord from the power outlet if you are not going to use the system for some time. Press and hold to enter ECO mode. In ECO mode, the power consumption is below 3W.

CD – Selects CD mode.

TUNER/BAND•APP – Selects tuner mode: selects

programming. **RDS** - *In Tuner mode* - Shows RDS information in FM

broadcast (station name (RT), station type (PTY) and

CLOCK TIMER – Shows clock time and timer on/off

time; enters clock and timer setting mode; enables or disables timer mode.

X-BASS – Enables / disables X-Bass

REC - Starts/pauses recording from CD / Tuner

radio band in tuner mode; begins auto preset

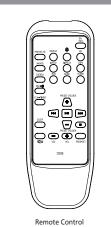
preset station.

In mp3 / WMA CD mode - Selects the previous and **EQ** – Selects among different sound effects (flat /

VOLUME – Adjusts the sound level.

PHONES Ω – Jack for connecting headphones.

General Controls



ON•ECO - Turns the unit on/off
EQ - Selects among different sound effects (flat / classic / rock / pop / jazz)
REPEAT - In CD mode - toggles repeat options (repeat disc / repeat track / repeat off).

MIX - Selects random playback in CD mode.
CD - Selects CD player.
X-BASS - Enable and disables X-Bass.
INTRO - Selects Intro play in CD mode.
DISPLAY - In normal audio CD mode - toggles among displaying track elapse time, track remain time and disc remain time.
In mp3 / WMA CD mode - toggles among displaying FllE name, FOLDER name, TITLE, ARTIST and ALBUM.
In FM Tuner mode - toggles RDS station information (Frequency, RDS name, Radio text, RDS type, Clock time, RDS day and Pl code)

TAPE - Selects tape player. **STEREO** - Toggles stereo and mono mode in FM tuner.

RDS - In Tuner FM mode - Selects RDS PTY; radio text (INFO ON/OFF); RDS Clock/day (SYNC ON/OFF).

BAND - Selects radio bands; starts auto preset

TUNER - Selects radio ballos, starts duto preset programming.

TUNER - Selects radio tuner.

REC-II - Starts recording or pauses recording.

CLK-TIMER - Enters clock and timer setting mode.

SLEEP - Selects sleep time.

PRESET / FOLDER + I - - In tuner mode - Selects next / previous preset stations. In mp3 / WMA CD mode - Selects the next / previous folder.

SKIP BACKWARD ➡◀ / SKIP FORWARD ➡➡ - In Intere mode. Searche days not use radio frequency.

SKIP BACKWARD ► IN SKIP FORWARD ► In Tuner mode - Searches down or up radio frequency. In CD mode - Skips to the previous or next track. ► IN PLAY/PAUSE - In CD mode - Plays disc and pauses CD playback. In Tape mode - Plays tape and pauses tape playback. In Tape mode - Plays tape and pauses tape playback. In Tape mode - Plays tape and pauses tape playback. In Tape Tuner Stape and pauses tape playback. In Tape Tuner Stape and pauses tape playback. In Tape - Cuts and restores sound output. YOL + I - Turns up or down volume level. PROG-SET - Enters program setting mode; confirms your settings; clears preset station in tuner programming mode; clears CD program in CD programming mode and resets tape counter in tape mode.

Installing Batteries

Track Information

• ARTIST

• ALBUM

. For normal audio CDs, press DISPLAY on the

For normal audio CDs, press **DISPLAY** on the remote control repeatedly during playback to display track remain time, disc remain time and track elapsed time. For mp3 / WMA discs, press **DISPLAY** on the remote control during playback repeatedly to display the following song information.

• FILE name

• FOLDER name

• TITLE

• ADTIST

The remote control must be inserted with 2 "AA" or "UM-3" or "R6" batteries prior use.

Settings

Display

TIMER ()) (() WMA () FOLDER PTY TA () LASSIC POCK POR () AAZ

Setting the Clock

- 1. Press CLOCK TIMER to enter clock setting Press ► to set the hou
- Press PROG•SFT•CI FAR to shift to the
- minute digits.
 Press ◄ or ► to set the minute. Press PROG•SET•CLEAR to confirm the

- preset station to record.

 Press PROG•SET•CLEAR to move to

Setting the Timer

1. Press **CLOCK•TIMER** twice to enter timer on setting mode. "ON -- --:00" is

- Press I of lone of the select source (Tuner / CD / Tape / Rec TU)

 If Rec TU is selected, "TU PR 1" will be displayed. Press I of lone of the select a
- volume setting.
 8. Press

 or

 to select desired
- volume level.

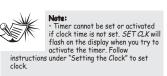
 9. Press PROG-SET-CLEAR to move to timer off time setting. "OFF -- -:00" is displayed.

10. Repeat steps 2-5 to set timer off hour and minute. 11. Press PROG•SET•CLEAR to confirm settings.

Timer will be activated automatically after settings

Activating the Timer

Press and hold **CLOCK•TIMER** for 2 seconds on the main unit to activate and deactivate the timer function.



• If timer settings have not been entered, SET TMR will flash on the display when you try to activate the timer. Follow instructions under "Setting the Timer" to enter timer settings.

• If timer off time is set as the same as timer on time, *TIMER NG* will flash on the display. Set the correct timer off time again.

Settings

Setting Sleep Time

You can select the time interval in minutes before the unit turns off automatically. Press **SLEEP** on the remote control to toggle among OFF, 90, 80, 70, 60, 50, 40, 30, 20, and 10 minutes.

View Remaining Sleep Time

Preset Equalizer Curves

Press **EQ** to toggle among FLAT, CLASSIC, ROCK, POP and JAZZ. The selection is

CLASSIC ROCK POP JAZZ

X-Bass

X-BASS to turn on/off the x-bass feature. Rec TU mode enables you to program the The X-BASS icon is displayed. recording of desired radio programs. Ensure recording tape is inserted into the deck for

CD Player

When sleep is activated, press SLEEP once to

Sound Features

Note: Sleep is automatically deactivated when the unit is turned off.

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

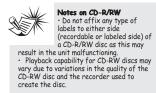
Adjust Sleep Time

Muting Audio

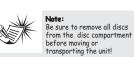
Press ♥x MUTE to silence playback

Top View

OPEN•CLOSE – Press to open the CD



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



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. maii inction and nammful noise interference.

For better quality in mp3 disc playback, the CD quality should be recorded 128kbps or above.

Disc data size > 650MB is not recommended.

Total files should not exceed 412 and the total folders should not exceed 100. 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 • 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.
• mp3 file names are limited to 32 characters.

Folder names are limited to 16 characters.

CD Player

Loading a Disc 1. Press CD to select CD mode.

Press CD to select CD mode.
Press down on the OPEN/CLOSE area on the top of the unit to open the CD compartment door.
Insert up a disc with the label facing up.
Close the CD compartment door.

If the disc is a mp3 or WMA CD, the mp3 or WMA ion lights on the display. mp3 discs may take a longer time to read. Wait while the unit reads and counts the total number of songs on the disc

The selected song information type shows briefly on the display (e.g. FILE), then the detailed information scrolls along the display. If the CD compartment is not loaded with a CD or the CD is unreadable, the message "NO DISC" will be shown.

"0123" indicates the file number of the current track on the disc. The display continues to show the selected display mode until another selection is activated. • Press PLAY/PAUSE ► II to begin or pause

Selecting Folders (mp3 / WMA

FILE<0123>FILENAME mn3

CDs Only)

Press PRESET / FOLDER - to go to the previous

non-empty folder.Press PRESET / FOLDER + to go to the next

CD Player

Random Playback

random order. (Remote Only) **Sampling Tracks** Intro Play lets you enjoy the CD tracks for 10 seconds. When the last track has played for 10 seconds, the Intro Play stops. Press **INTRO** on the remote control to enable or disable the function.

Press 🕲 to turn on/off the playing of tracks in

Repeat Press **DISPLAY** repeatedly on the remote current track), REPEAT (repeat all tracks) and

Setting Up a CD Program



Select CD mode by pressing CD.
 In stop mode, press PROG*SET*CLEAR after the CD has been loaded into the system. The message "0 Pr01" will be shown on the display.
 Press I ➡ or ▶ to select a track to be created into memory leasting.

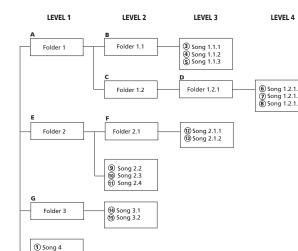
4. Press PROG-SET-CLEAR to confirm your selection and store that track into memory. The next available memory locations shows on the display. Repeat step 3 and this step to store additional tracks. In CD program mode, the PROG. icon lights on the display.

- stored.

 3. Press PROG•SET•CLEAR to confirm.

Deleting Program List

Press and hold **STOP** for 2 seconds to clear program list. The program list will also be cleared once the CD compartment door is opened. The system displays the message "**CLEAR**" briefly.



While in PROGRAM mode, press **PLAY/PAUSE** ▶ **II** When the unit is playing the program, "**PROG**" icon will be displayed.

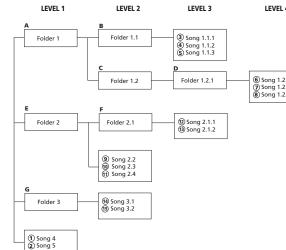
View and Edit Program List 1. Press PROG•SET•CLEAR repeatedly to view

program list. To edit program location, press PROG•SET•CLEAR until the location you want to edit is displayed. 2. Press ◄ or ▶ to select the new track to be

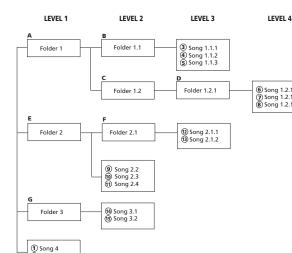
CD Player

mp3/WMA Playback Sequence

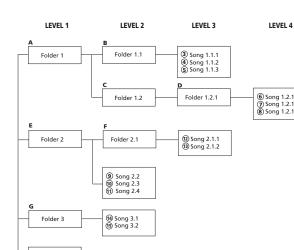
⑥ Song 1.2.1.1 ⑦ Song 1.2.1.2 ⑧ Song 1.2.1.3



Refer to the diagram below for playback sequence details on multi-level folder structure.
 Songs are played before playing songs placed in folders at each level.



Playing a Program List



Radio

Selecting Tuner Band

 Press TUNER/BAND•APP on the main unit or TUNER on the remote control to select radio mode.

Select a radio band by pressing TUNER/
BAND-APP on the main unit or BAND on
the remote control:

FM – Frequency Modulation (87.5 – 108
MHz)

MHz) MW – Medium Wave (522 – 1611 KHz) LW – Long Wave (150 – 283 KHz) Searching for a Station

 Press

or

to search for a radio To search automatically, press and hold

or property for 1 second. **Presetting a Station** A maximum of 30 stations can be stored.

1. Press TUNER/BAND•APP on the main unit

band.
2. Press ◄ or ► to select station to be

stored.
3. Press PROG•SET•CLEAR to enter program mode.
4. Press **PRESET** - or + to select memory location (up to 30 memory locations). When you are selecting the preset location, the preset station number is flashing.
5. Press **PROG•SET•CLEAR** to confirm the

Press and hold TUNER/BAND+APP on the main unit or BAND on the remote control to scan stations. A maximum of 30 stations can be stored. Beware of your preset channels being erased accidentally because the scanning and storing process is automatic upon pressing the button. Press any button to stop scanning.

Listening to the Preset Station

Auto Preset Programming

1. Press TUNER/BAND+APP Press **PRESET** + *I* - repeatedly to locate your desired memory location.

Suppressing Stereo Signal Press **STEREO** on the remote control to toggle between FM mono and stereo for FM broadcast. If FM stereo reception is weak, select mono sound

Radio

display with station name show

Information Press **DISPLAY** on the remote control repeatedly to display station information

RDS name Program type (PTY)

RDS NEWS (news),

AFFAIRS (current affairs),

INFO (weather, medical),
 SPORT (sports),
 EDUCATE (education),
 DRAMA (series and plays),

VARIED (miscellaneous),
 POP M (pop music),
 ROCK M (rock music),
 MOR M (middle-of-the road music),
 LIGHT M (light music),
 CLASSICS (classical music),
 OTHER M (unclassified music),
 WEATHER (weather),

WEATHER (weather), FINANCE (financial information), CHILDREN (children's program), SOCIAL (social news), RELIGION (religious program), PHONE IN (phone-in program), TRAVEL (travel & leisure), HOBBY (hobby),

DOCUMENT (documentary),TEST (test)ALARM (alarm) PTY Search 1. Press RDS repeatedly to select "FIND". 2. Press PRESET - or + to toggle the desired

RDS station type.

3. Press

or

or

to begin searching for

RDS stations in the selected category. 4. Radio text (RT)

5. Clock time (CT) - "SYNC OFF".
Press RDS repeatedly to select "SYNC OFF".
Press I or I to toggle "SYNC OFF" and "SYNC ON".

Tape Player

Playing Cassette Tape

stored into memory location

- 1. Press TAPE to select tape mode.
 2. Press on the OPEN/CLOSE area to open the deck door.
 3. Load a cassette tape into the deck. Then, lightly press the deck door closed.

 Press PLAY/PAUSE ▶■ to start tape play.

 Press ►■ or ▶■ to position the tape at the desired position.

 Press STOP to stop.
- **Recording a Radio Program** 1. Press TUNER/BAND+APP on the main unit

or **BAND** on the remote control to select tuner mode and desired band.

2. Tune to the station you want to record by

pressing ► or ► .

3. Press REC on the main unit. The REC. icon

to start recording.
4. Press STOP ■ to stop recording. Press REC again to pause recording. To resume recording, press again.

CS96_EN

I flash on the display. Press REC again

Press STOP ■ to stop recording. **Reset Tape Counter**

want to record. 3. Press REC to record. The REC. icon will flash on the display. Press REC again to start recording. CD automatically starts playback at the same

Recording a CD

Press PROG•SET•CLEAR to reset counter

Press **CD** to select CD mode.
Press **◄** or **▶** to select the track that you

Troubleshooting Tips • Check power cord for a

power source again.

• Check the outlet by plugging in another device • Increase the volume Check connection to • Check that you have • Make sure headphones are not plugged in.

secure connection.

• Unplug the unit for a moment, and then plug into

 Check antenna connection.
 Move antenna.
 Turn off nearby electrical appliances, such as hair dryer, vacuum cleaner, microwave, fluorescent lights. CD does not play • Check that CD is in the

tray.
• Check that CD label is facing up. • Check that PAUSE mode is • Check that CD function is Use CD lens cleaner

Note:
- Folder playback sequence is indicated by the letters from A to G
- Song playback sequence is indicated by the number 1 to 15 in front of the song name.

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. • Switch to another function (TAPE, Tuner) and then back to CD.

Distorted or noisy • Check that the batteries are 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.

Maintenance

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

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

CD Player

To prevent deterioration of sound quality, periodically open the door of each deck and clean the magnetic heads, pinch roller, and capstan with a cotton bud dipped in alcohol. Also, demagnetize the head by playing a demagnetizing cassette (available through an audio equipment store). • Inspect the tape head, clean it if neccessary. To protect recordings on one or both sides of a tape, remove the corresponding tab. If you later want to record on the tape, affix a piece of adhesive tape over the hole.

Sol A Projection Sol A Projec Quit Slacking - A little bit of slack in your tapes can cause scratches on the tape, or worse yet, the tape could break. If you notice some slack in the tape, use a pencil to tighten it up before you insert it.

Cleaning CDs

Tape Player



CD Lens Care

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

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

Unit size - 236.5 x 146 x 230 Speaker - 236.5 x 146 x 195 Net Weight - 7.5kg Tape deck: Response curve: 125Hz-8kHz (-5dB) CD player: Response curve (+/- 2dB): 60Hz to

playback. Press STOP ■ to stop play. Press I or ▶ to skip to the previous or next track on the disc. Press and hold → or ▶ to search through a CD while it is playing.

Playback

If RDS station is found, RDS lights on the

Displaying RDS station

- CULTURE (religion), SCIENCE(science and technology),

JAZZ (Jazz music), COUNTRY (country music), NATIONAL (national),

6. RDS DAY

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

1/9/06, 12:41 PM

The descriptions and characteristics in this owner's manual are for the purpose of general reference only and not as a guarantee. In order to provide you with the highest quality product, we may make changes or modifications without prior notice. The English version serves as the final reference on all product and operational details should any discrepancies arise in other languages.

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