THOMSON

user manual

CS500

Thomson Information

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 λ = 780 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 NAR SIKKERHEDSAFBRYDERE ER UDE AF FUNKTION. UNGDÅ UDSAETTELSE FOR STRÅLNING.
VORSICHT!
UNSICHTBARE LASERSTRALUNG WENN ABDECKUNG GEÖFFNET UND SICHERHEITS–VERRIEGELUNG ÜBERBRÜCKT. NICHT DEM LÄSERSTRAHL 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

VARNING–
OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD OCH SPÄRRAN ÄR URKOPPLADE. BETRAKTA EJ STRÅLEN.
VARO!
AVATTAESSA JA SOUJALUKITUSOHITETTAESSA OLET ALTTIINA NÄKYMÄTTÖMÄLLE. LASERSÄTEILYLLE ÄLÄ KATSO SÄTEESEEN.

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:
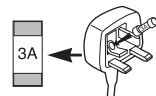The wires in the mains plug are colored in accordance to the following code:
BLUE = NEUTRAL/BROWN = LIVE

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.

BLUE   BROWN

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.

3A

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.

Table of Contents

Getting Started

Unpacking the system:

You should have the following:
• one main unit (with 2 main speakers);
• one remote control;
• one FM antenna;
• one AM loop antenna;
• one user's guide;
• one Thomson Warranty Card

Back View
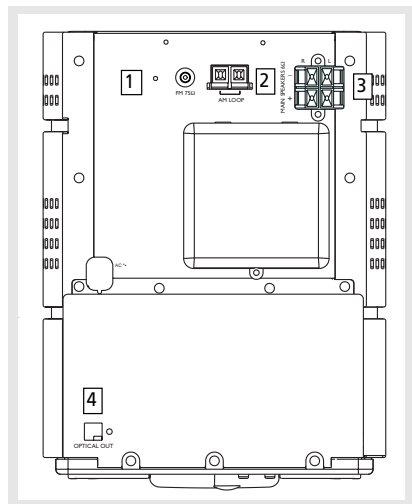
1. AM Loop antenna Jacks.
2. FM Antenna Connector.
3. Main Speaker Jacks.
4. Optical Out

Using the FM and AM Antennas

Before you use your audio system, you'll want to make sure both the FM and AM antennas are positioned properly. Connect the FM antenna to the FM connector on 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.)
You'll also need to connect the AM antenna loop to the back of the unit if you listen to AM stations. Rotate the AM 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.

Antenna and Speaker Wire Connection

Push 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 Antenna and speaker wires at all connection points.

Installation

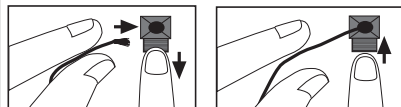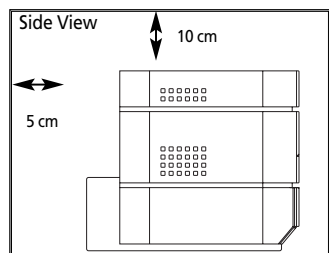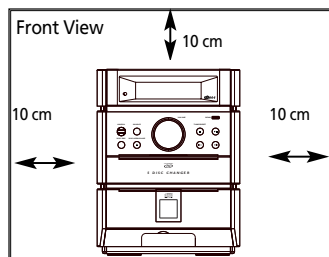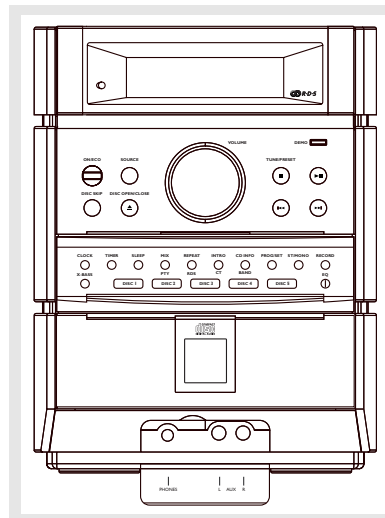To ensure sufficient ventilation, keep the spacings shown below free from other surfaces:

Front View
10 cm
10 cm
10 cm

Side View
10 cm
5 cm

General Controls

Main Unit

Front Panel

ON/ECO — keep pressing briefly to enter ECO (power saving, without clock display) mode.

Tip: In STANDBY mode (press ON/ECO off), the system displays the time. Press ON/ECO to turn the system on in the previously used mode. Press CD, TAPE, TUNER, or AUX (Remote only) to select the corresponding mode. Look at the display icons to identify the current mode.

SOURCE - Selects CD player / tuner / tape player/ external source.
DISC SKIP - Skips to the next disc in CD mode.
DISC OPEN/CLOSE ⏏ — Opens and closes disc compartment.
VOLUME - Adjusts volume.
DEMO - Turns the feature demonstration on or off.
TUNE/PRESET ◼ - Stops CD track and tape operations, selects tune or preset mode.
PLAY/PAUSE ▶❚❚ - Plays or pauses CD and tape operations.
SKIP FORWARD ▶▶❙ - *In CD mode* - Goes to the next CD track; selects the next program location.
In Tuner mode - Tunes up radio frequency; selects the next preset station.
In Tape mode - Fast forwards tape.
In Clock or Timer mode - Increases hour and minute digit.

SKIP BACKWARD ❙◀◀ - *In CD mode* - Goes to the previous CD track; selects the previous program location.
In Tuner mode - Tunes down radio frequency; selects the previous preset station.
In Tape mode - Rewinds tape.
In Clock or Timer mode - Decreases hour and minute digit.
PHONES — Jack for connecting headphones.
AUX L/R - Jack for auxiliary connection.

Control Panel

Open the control panel by pushing on the bottom side of the control panel cover and rotating the the top outwards.
CLOCK - Enters clock setting mode; shows clock time.
TIMER - Enters timer setting mode; Turns on/ off timer.
SLEEP - Selects sleep duration.
MIX/PTY - Selects random playback in CD mode. Selects search by program type in tune mode.
REPEAT/RDS - Selects among repeat options in CD mode. When the radio is active, displays RDS information.
INTRO/CT - Selects intro playback in CD mode. In tuner mode, shows RDS time.
CD INFO/BAND - In CD mode, Selects display options to show track elapse time, track remain time or disc remain time. In Tuner mode - selects radio band.
PROG/SET - Enters program mode for CD and Tuner; applies new settings for Clock and Timer mode.
ST/MONO - Selects stereo and mono sound in tuner mode.
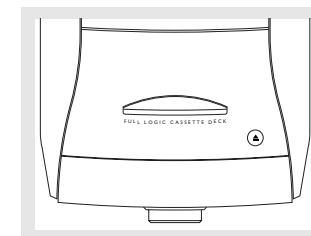**RECORD** - Starts tape recording.
DISC1 / DISC2 / DISC3 /DISC 4 / DISC 5 - Direct access to the corresponding disc tray for playback.
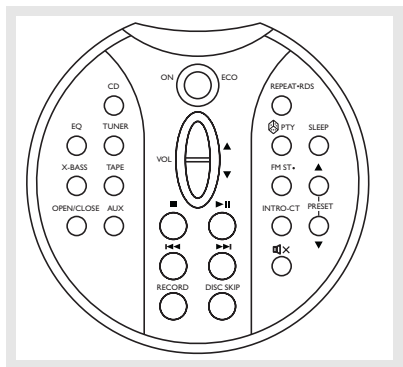**EQ** - Selects among different EQ options.
X-BASS - Turns X-Bass on/off.

Top Panel

OPEN/CLOSE ⏏ — Press down on the door to open and close cassette deck door.

Remote Control

ON/ECO - keep pressing briefly STANDBY mode to enter ECO (power saving, without clock display) mode.
EQ - Selects equalizer presets.
X-BASS - Turns on or off Bass Boost.
OPEN/CLOSE - Opens and closes disc compartment.
CD - Selects CD player.
TUNER — Selects radio tuner.
TAPE — Selects tape player.
AUX - Selects external input.
REPEAT•RDS - Repeats a track, CD or all CDs in CD mode. When the radio is active, displays RDS information.
/PTY - Turns on/off random listening in CD mode. Selects search by program type in tune mode.
FM ST • - Selects between stereo and mono sound in FM tuner mode.
INTRO-CT - Turns intro mode on or off to play the first 10 seconds of each track in CD mode. In tuner mode, shows RDS time.
MUTE - Mutes audio output.
SLEEP - Press to select the time interval in minutes before the unit turns off.
PRESET ▲ / ▼ - Selects next/ previous preset station. *In Clock or TImer mode* - Increases / decreases the hour or minute digit.
VOL ▲ or ▼ - Decreases or Increases volume level.
STOP ■ - *In CD mode* - Stops CD playback; *In program mode* - Clears program; *In Tape mode* - Stops tape playback.

PLAY/PAUSE ►ıı - *In CD mode* - Plays and pauses CD; *In Tape mode* - Plays and pauses tape playback.
SKIP BACKWARD ◄◄ - *In CD mode* - Goes to the previous CD track and setting options; searches backward through CD; *In Tape mode* - Rewinds tape; *In Tuner mode* - Tunes down radio frequency.
SKIP FORWARD ►► - *In CD mode* - Goes to the next CD track and setting options; searches forward through CD; *In Tape mode* - Fast forwards tape; *In Tuner mode* - Tunes up radio frequency.
RECORD - Starts tape recording.
DISC SKIP - Skips to the next disc in CD mode.

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. Remove the battery compartment door (located at the back of the remote control) by sliding the compartment door in the direction of the arrow and then lifting the door out and off the cabinet.
2. Before inserting the batteries, observe the polarities (that is, + and -) of the battery, then relate the polarities to the engraved diagram inside the battery compartment. Now insert the batteries.
3. After installation of the batteries, replace the battery compartment door in place by sliding it in the opposite direction of the arrow (the reverse of step 1).

X-BASS - X bass is activated.

CLASSIC / ROCK / POP / JAZZ - Indicates the preset equalizer selected.

REC - In tape mode, indicates tape is recording.

SLEEP - Sleep is activated.

🕐 - Timer is activated.

- In CD mode, the corresponding disc icon lights to show which disc compartment is loaded. The current playing disc will flash.

R•D•S - RDS signal detected in tuner mode.

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

PROG - In program mode.

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 - Repeat track.
REPEAT 1 DISC - Repeat current disc.
REPEAT ALL DISC - Repeat all disc.
ALL DISC - Play all discs once.

- Random playback is activated in CD mode.

► - In CD playback mode.

MHz / kHz - Radio frequency unit in tuner mode.

FM / MW / LW - Band indicator.

Settings

Showing the Demonstration

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

Display Clock / Timer

Setting the Clock

1. Press and hold **CLOCK** to enter clock setting mode. The hour flashes on the display.
2. Press **SKIP BACKWARD** ⏮ or **SKIP FORWARD** ⏭ on the main unit or **PRESET** ▼ or **PRESET** ▲ on the remote control to set the hour . Press **CLOCK** to shift to minute digits.
3. Press **SKIP BACKWARD** ⏮ or **SKIP FORWARD** ⏭ on the main unit or **PRESET** ▼ or **PRESET** ▲ on the remote control to set the minute .
4. Press **PROG/SET** to save settings. Press **STOP** to quit settings.

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

Setting the Timer

1. Press and hold **TIMER** until the ON and clock hour flashes on the display (ON - timer on time).
2. For setting time, press **SKIP BACKWARD** ⏮ or **SKIP FORWARD** ⏭ on the main unit or **PRESET** ▼ or **PRESET** ▲ on the remote control to set the hour and then press **TIMER** to shift to minute digits.
3. Press **SKIP BACKWARD** ⏮ or **SKIP FORWARD** ⏭ on the main unit or **PRESET** ▼ or **PRESET** ▲ on the remote control to set the minute.
4. Press **TIMER** to change to OF (timer off time) with clock time flashing. Repeat steps 2 & 3 for timer off time setting.

5. Press **TIMER** to select source. Press **SKIP BACKWARD** ⏮ or **SKIP FORWARD** ⏭ on the main unit or **PRESET** ▼ or **PRESET** ▲ on the remote control to select between CD / TUNER / TAPE /REC TU. If REC TU is selected, press **SKIP BACKWARD** ⏮ or **SKIP FORWARD** ⏭ on the main unit or **PRESET** ▼ or **PRESET** ▲ on the remote control to select the preset station.
6. Press **TIMER** to set volume. Adjust **VOLUME** control to select desired volume level.
7. Press **PROG/SET** to save settings. Press **STOP** ■ to quit setting.

The timer is automatically activated once timer ⏰ setting is saved.

Activating the Timer

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

Sleep Mode

You can select the time interval in minutes before the unit turn off automatically. Press **SLEEP** to select among OFF, 120, 90, 60, 45, 30, 15 and 5 minutes.

Sound Features

Volume Control

Turn **VOLUME** on the main unit or press **VOL** ▼ or ▲ on the remote control to adjust volume level.

X-Bass

Press **X-BASS** to turn on/off boosting the bass frequency.

Muting Audio

Press ⨯ MUTE on the remote to cut the sound. (Remote Only)

Using Preset Equalizer Curves

Press **EQ** to toggle among FLAT, ROCK, POP, JAZZ, CLASS and CUSTOM. The display shows the selection briefly.

Creating a Custom Curve

1. Press **EQ** to select CUSTOM mode.
2. While CUSTOM is displayed, press **SKIP BACKWARD** ⏮ or **SKIP FORWARD** ⏭ on the main unit or **SKIP BACKWARD** ⏮ or **SKIP FORWARD** ⏭ on the remote control to cycle among displayed bass- and treble - range levels.
3. While BAS or TRE is displayed, adjust **VOLUME** to set the associated gain between -10 - +10.

CD Player

Notes on CD-R/RW Disc:

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

- 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.**

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

Loading Discs

1. Press **SOURCE** repeatedly on the main unit or CD on the remote control to select CD mode.
2. Press **DISC OPEN/CLOSE** ⏏ on the front panel of the main unit or **OPEN/CLOSE** on the remote control to open disc compartment.
3. Insert up to 5 discs with label face up.
4. Press **DISC OPEN/CLOSE** ⏏ on the front panel of the main unit or **OPEN/CLOSE** on the remote control again to close disc compartment. The disc that is loaded and ready to play is the icon that is flashing on the display.

Play and Pause Discs

- Press **PLAY/PAUSE** ⏯ in stop mode to begin playback.
- Press **PLAY/PAUSE** ⏯ during playback to to pause disc. Press again to resume.

Play and load simultaneously by:

1. Press **DISC OPEN/CLOSE** ⏏ on the front panel of the main unit or **OPEN/CLOSE** on the remote control to open the tray while a CD is playing.
2. Load/change discs for available trays.
3. Press **DISC OPEN/CLOSE** ⏏ on the front panel of the main unit or **OPEN/CLOSE** on the remote control to close the tray.

Selecting a Disc

- Press **DISC 1, DISC 2, DISC 3, DISC 4,** or **DISC 5** on the main unit to directly access the corresponding disc.
- Press **DISC SKIP** to skip discs.

Searching Through a CD

- Press **SKIP BACKWARD** ⏮ **/ SKIP FORWARD** ⏭ on the main unit or ⏮ or ⏭ on the remote control to skip to the previous or next track.
- Press and hold **SKIP BACKWARD** ⏮ **/ SKIP FORWARD** ⏭ on the main unit or ⏮ or ⏭ on the remote control to search through a CD while it is playing.

Random Playback

Press ⊕ **MIX/PTY** to turn on/off the playing of tracks in random order.

Sampling Tracks

Press **INTRO/CT** to play the first 10 seconds of each track on the current disc, all discs in the tray, or turn INTRO mode off.

Repeat

Press **REPEAT/RDS** to repeat the current track (REPEAT 1), current disc (REPEAT 1 DISC) , all discs (REPEAT ALL DISC), or turn repeat mode off (ALL DISC).

> **Note:** You may also press REPEAT to select 1 disc or all discs before activating MIX function.

Setting Up a CD Program

You can program the CD player to play up to any 32 tracks on the CDs in the tray.
1. While the CD player is stopped, press **PROG/SET** to enter program mode. The system displays the next available program number 00 P:01.

2. Press the corresponding disc number on the main unit or **DISC SKIP** to select disc.
3. Press **SKIP BACKWARD** ⏮ **/ SKIP FORWARD** ⏭ on the main unit or **TUNING** ⏮ or ⏭ on the remote control to select track to enter into memory.
4. Press **PROG/SET** to save your settings.
5. Repeat steps 2 to 4 to store more tracks into program memory.

Playing a Program List

While in PROGRAM mode , press **PLAY/PAUSE** ⏯ . If you are not currently in program mode, press **PROG/SET** to enter program mode before pressing **PLAY/PAUSE** ⏯ .

Display Program List

1. While the CD player is stopped, press **PROG/SET** to enter PROGRAM mode.
2. Press **PROG/SET** repeatedly to view each track assignment in the program list.

Edit Program List

1. Follow "Display Program List" steps until the location to be edited is displayed.
2. Repeat steps 2 to 4 under "Setting Up a CD Program " to edit the track to store into memory.

Deleting Program List

While in PROGRAM mode, press and hold **STOP** for 3 seconds. They system displays the message **CLEAR**.

> **Tips:**
> · You can create a program of up to 32 tracks.
> · Press **CD INFO/BAND** repeatedly to view elapsed track time, track number, track remain time and disc remain time.
>
> **Caution:** Do not push to force closing of the tray during CD playback or tray opening.

Selecting Tuner Band

1. Press **SOURCE** on the main unit or **TUNER** on the remote control to enter Tuner mode.
2. Press **CD INFO/BAND** to select Radio band.

> **Tip**: Your audio system has 32 preset stations.

Tuning to a Station

Press **SKIP BACKWARD** ⏮ **/ SKIP FORWARD** ⏭ on the main unit or **TUNING** ⏮ or ⏭ on the remote control to select frequency.

Using Presets

The tuner can be in either TUNE or PRESET mode. When in preset mode,
- Press **TUNE/PRESET** on the main system or **PRESET** ▼ or ▲ on the remote control to access the previous or next preset station.
- The display first shows the preset program number and after a few seconds, the preset program and frequency will be displayed.

```
PR 01 FM
```

```
PROG
07 87.90 MHz
```
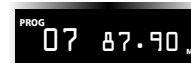
Auto Preset Programming

Press and hold **CD INFO/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.

Manually Setting Presets

1. Press **SKIP BACKWARD** ⏮ **/ SKIP FORWARD** ⏭ to access the desired frequency.
2. Press the **PROG/SET** button once.
3. The most recently accessed program location will flash on the display.
4. If a different program location is preferred, press **SKIP BACKWARD** ⏮ or **SKIP FORWARD** ⏭ on the main unit or **PRESET** ▼ or ▲ on the remote control to move to the desired preset number (1-32).
5. Press **PROG/SET** to store the selected frequency at that preset.

Suppressing Stereo Signal

Press **ST/MONO** on the main unit or **FM ST.** on the remote control to toggle between FM mono and stereo for stereo FM stations.

Radio

Tuning to an RDS Station

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

Press **TUNE/PRESET** to access preset station or press **SKIP BACKWARD** ◄◄ / **SKIP FORWARD** ►► to desired frequency.
If RDS station found, R•D•S lights on display with station name shown.

Displaying RDS Station Information

Press **REPEAT/RDS** to display the frequency, station name (PS), station type (PTY), clock time (CT), or radio text (RT).
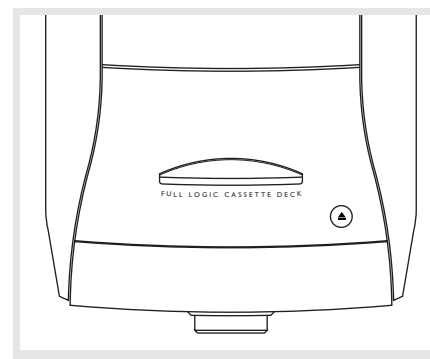In CT mode, press **INTRO/CT** key to replace the displayed time by RDS station time.

Searching by Program Type (PTY)

1. Press 🔀 **MIX/PTY** to enter PTY selection
2. Toggle 🔀 **MIX/PTY** to select a PTY mode.
3. Within 5 seconds, press **SKIP BACKWARD** ◄◄ / **SKIP FORWARD** ►► 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),
EDUCATE (education),
DRAMA (series and plays),
CULTURE (religion),
SCIENCE (science and technology),
VARIED (miscellaneous),
POP M (pop music),
ROCK M (rock music),
MOR M (middle-of-the road music),
LIGHTM (light music),
CLASSIC (classical music),
OTHERM (unclassified music),
WEATHE (weather, medical),
FINANC (stock market reports),
CHILD (children's programs),
SOCIAL (sociology, history, georgraphy, 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).

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Tape Player

FULL LOGIC CASSETTE DECK

Selecting Tape Player

Press **SOURCE** on the main unit or **TAPE** on the remote control to select tape mode.

Playing a Tape

1. In tape mode, press on the cassette door to open it.
2. Insert a tape into the door and push the door closed.
3. Press **SKIP BACKWARD** ◄◄ / **SKIP FORWARD** ►► on the main unit or ◄◄ or ►►on the remote control to position the tape to the desired starting position.
4. Press **PLAY** to begin playback.
5. Press **PAUSE** to pause playback.

Tape Counter

You can keep track of tape position with the tape counter. Press **PROG/SET** to reset.

Recording

From Tuner

1. Insert a tape into deck.
2. Press **SOURCE** repeatedly on the main unit or **TUNER** on the remote control to select Tuner .
3. Press **BAND** to access the desired radio band.
4.. Press **SKIP BACKWARD** ◄◄ or **SKIP FORWARD** ►► on the main unit or **TUNING** ◄◄ or ►► the remote control to tune to the station to be recorded.
5. Press **RECORD** to begin recording.
6. press **STOP** ■ to end recording.

From CD

1. Insert a tape into deck .
2. Press **SOURCE** repeatedly on the main unit to select CD then press **DISC SKIP** or **DISC1 / DISC2 / DISC 3 / DISC 4 /DISC 5** on the main unit to select the disc to be recorded.
3. Press **SKIP BACKWARD** ◄◄ or **SKIP FORWARD** ►► on the main unit or **TUNING** ◄◄ or ►► on the remote control to select the track to be recorded.
   or
   Press **PROG/SET** to enter program mode.
4. Press **RECORD** to begin recording.
5. press **STOP** ■ to end recording.

From AUX

1. Insert a tape into tape deck.
2. Check that the auxiliary device has been connected correctly to the **AUX** connector on the front of the system.
3. Start playback on the auxiliary device.
4. Press **RECORD** to begin recording.
5. Press **STOP** ■ to end recording.

11

Troubleshooting Tips

Problem	Solution
System will not turn on	• 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.
No sound	• Increase the volume setting. • Check connection to speakers. • Check that you have selected the appropriate function: CD, TAPE, Tuner. • Make sure mute is off. • Make sure headphones are not plugged in.
Poor radio reception	• 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 not on. • Check that CD function is selected. • Use CD lens cleaner. • Clean the disc. • try another disc.
CD sound skips	• 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.

Problem	Solution
CD button will not respond, or does not change discs when you press DISC SKIP	• Switch to another function (TAPE, Tuner) and then back to CD. • Unplug the unit for a moment and then plug it back into the power source.
Distorted or noisy tape recordings	• Inspect the tape head, clean it if necessary.
Remote control does not work	• 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.
"ERROR" message	• Unplug the unit • See if there is anything obstructing the CD door or preventing it from closing.
Tape does not play	• Unplug the power cord and plug it back in again.

Maintenance

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.
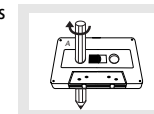
Tape Player

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).

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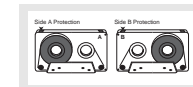
Quit Slacking - A little bit of slack in your tapes can cause scratches on the tape, or worse yet, the tape could break. If you notice some slack in the tape, use a pencil to tighten it up before you insert it.

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.

Important Information

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 and splashing.

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.

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.

Technical Specification

Power supply: 230V~50Hz
Dimensions (H x W x D mm):
Unit size - 265 x 200 x 305
Main Speaker - 265 x 204 x 190
Tape deck: Response curve: 125Hz-8kHz (-5dB)
CD player: Response curve (+/- 2dB): 60Hz to 15 kHz
Rating Plate: Look for it at the back of the set.

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.

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