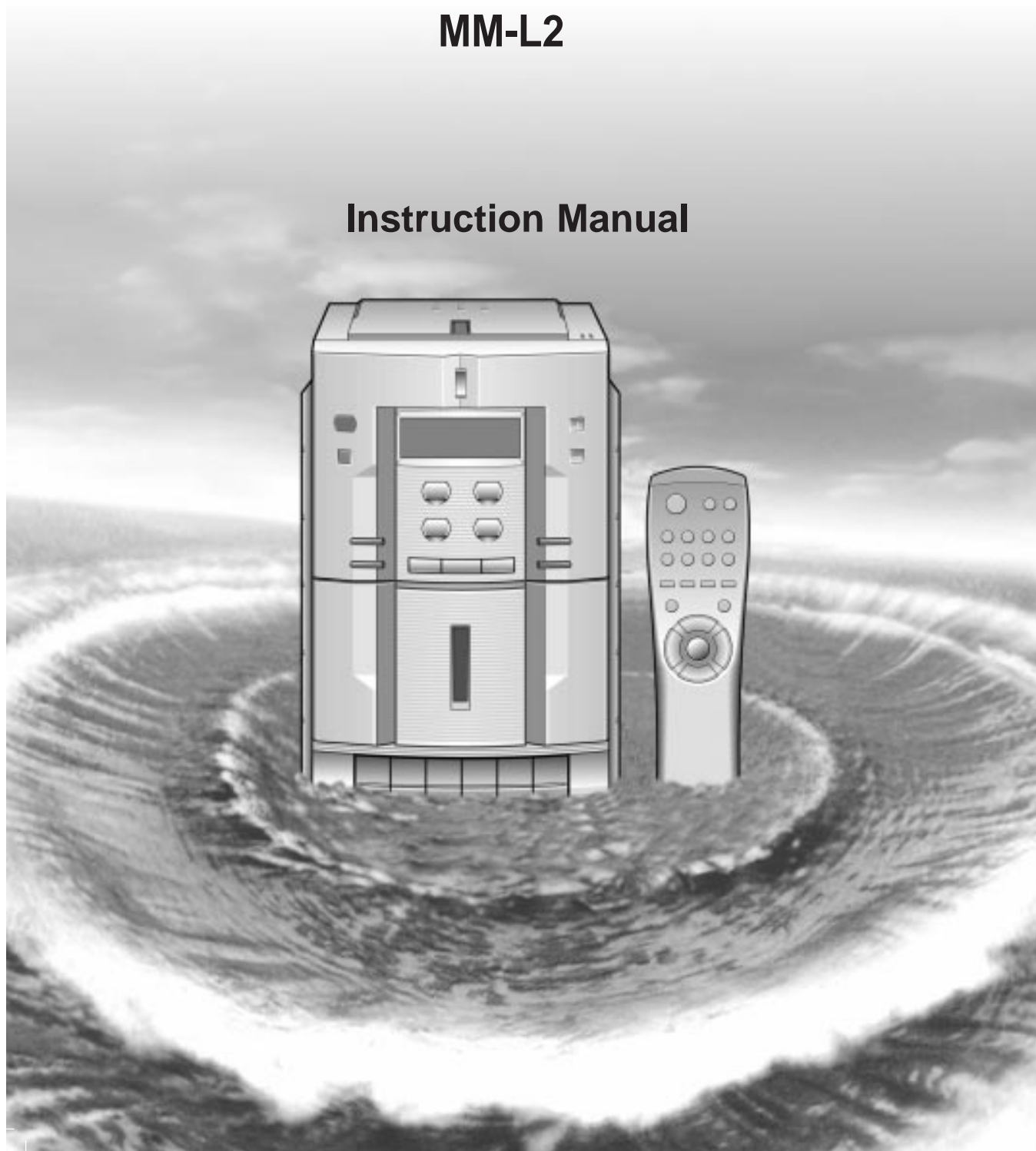




MICRO COMPONENT SYSTEM CD-R/RW PLAYBACK MM-L2

Instruction Manual



Safety Warnings



CLASS 1 LASER PRODUCT
KLASSE 1 LASER PRODUKT
LUOKAN 1 LASER LAITE
KLASS 1 LASER APPARAT
PRODUCTO LASER CLASE 1



CAUTION

RISK OF ELECTRIC SHOCK.
DO NOT OPEN



CAUTION:

TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE REAR COVER, NO USER
SERVICEABLE PARTS INSIDE, REFER SER-
VICING TO QUALIFIED SERVICE
PERSONNEL.

CLASS 1 LASER PRODUCT

This Compact Disc player is classified as a
CLASS 1 LASER product.

Use of controls adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

CAUTION-INVISIBLE LASER RADIATION WHEN OPEN AND INTER LOCKS DEFEATED, AVOID EXPOSURE TO BEAM.



This symbol indicates that dangerous voltage constituting of a risk of electric shock is present within this unit.



This symbol indicates that there are important operating and main-tenance instructions in the owners manual accompanying this unit.

WARNING: To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

Wiring the Mains Power Supply Plug(UK Only)

IMPORTANT NOTICE

The mains lead on this equipment is supplied with a moulded plug incorporating a fuse. The value of the fuse is indicated on the pin face of the plug and, if it requires replacing, a fuse approved to BS1362 of the same rating must be used.

Never use the plug with the fuse cover omitted. If the cover is detachable. If a replacement fuse cover is required, it must be of the same colour as the pin face of the plug. Replacement covers are available from your dealer.

If the fitted plug is not suitable for the power points in your house or the cable is not long enough to reach a power point, you should obtain a suitable safety approved extension lead or consult your dealer for assistance.

However, if there is no alternative to cutting off the plug, remove the fuse and then safely dispose of the plug. Do NOT connect the plug to a mains socket as there is a risk of shock hazard from the bared flexible cord.

IMPORTANT

The wires in the mains lead are coloured in accordance with the following code:-

BLUE = NEUTRAL BROWN = LIVE

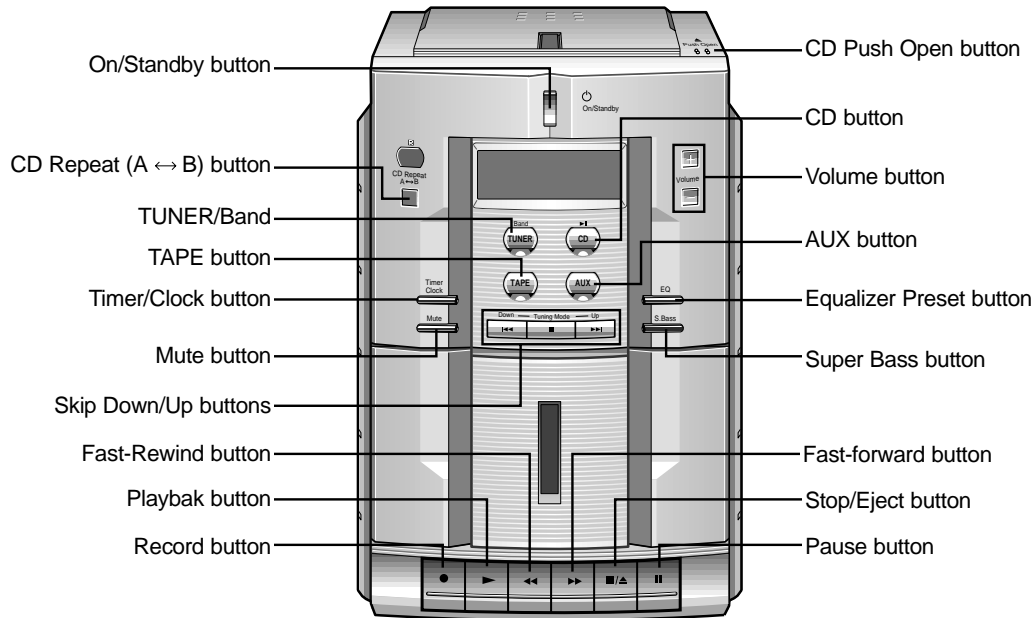
As these colours may not correspond to the coloured markings identifying the terminals in your plug, proceed as follows:-

The wire coloured BLUE must be connected to the terminal marked with the letter N or coloured BLUE or BLACK. The wire coloured BROWN must be connected to the terminal marked with the letter L or coloured BROWN or RED.

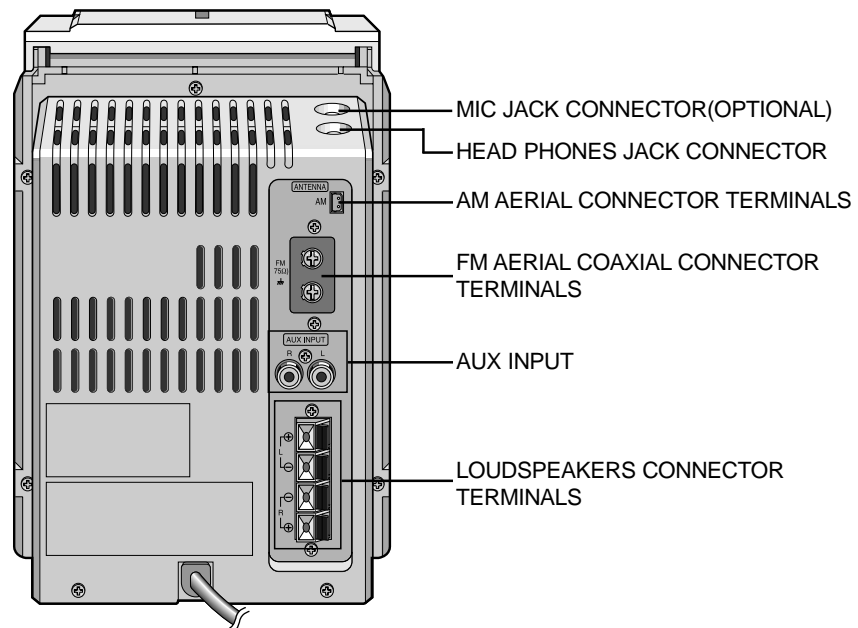
WARNING: DO NOT CONNECT EITHER WIRE TO THE EARTH TERMINAL WHICH IS MARKED WITH THE LETTER E OR BY THE EARTH SYMBOL  , OR COLOURED GREEN OR GREEN AND YELLOW.

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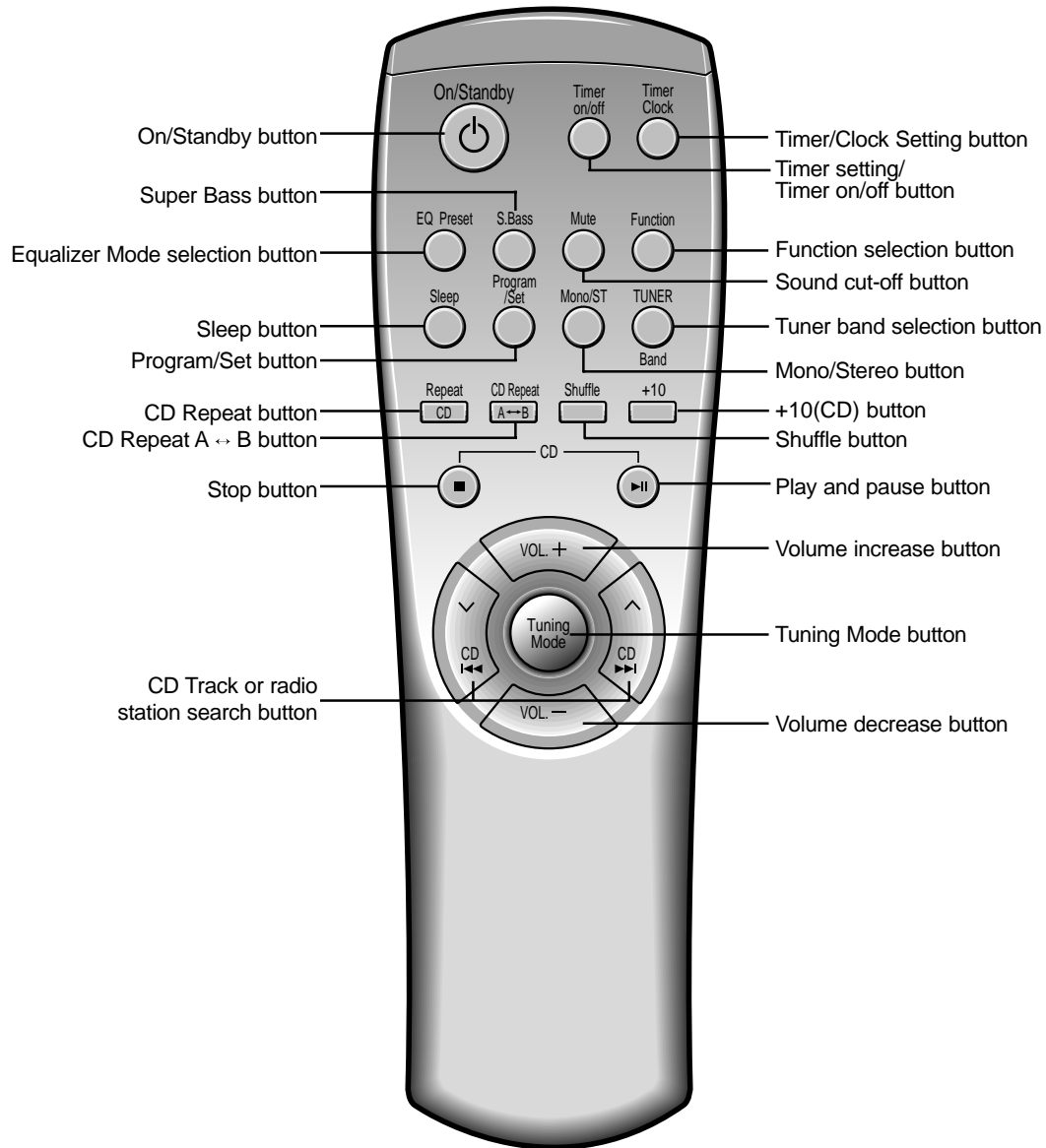
Front Panel View



Rear Panel View



Remote Control



Connecting the Loudspeakers



The loudspeaker connector terminals are located on the rear of both the system and the loudspeakers (red and black tabs in both cases).

There are four terminals:

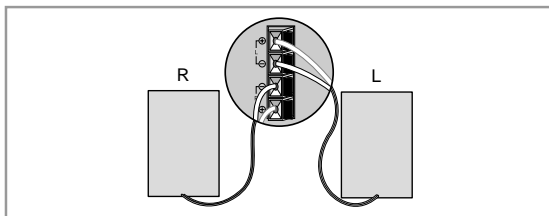
- ◆ Two for the left speaker (marked L on the system)
- ◆ Two for the right speaker (marked R on the system)

To achieve the correct sound quality, connect the:

- ◆ Red cable to the + terminal
- ◆ Black cable to the - terminal

- 1 To connect a cable to a terminal, push the tab as far as it will go:
 - ◆ To the left on the system
- 2 Insert the cable up to the plastic sheathing, in the opening.
- 3 Release the tab.
 - ◆ To the left on the system, until it clicks into place


Result: The cable is pinched and held firmly in place.
- 4 Repeat the operation for each end of the cables.



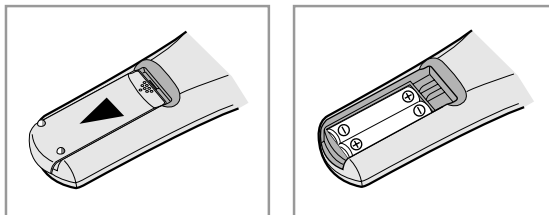
Inserting the Batteries in the Remote Control

You must insert or replace the batteries in the remote control when you:

- ◆ Purchase the micro component system
- ◆ Find that the remote control is no longer operating correctly


- 1 Place your thumb on the position marked  on the battery compartment cover (rear of the remote control) and push the cover in the direction of the arrow.
- 2 Insert two AAA, LR03 or equivalent batteries, taking care to respect the polarities:
 - ◆ + on the battery against + on the remote control
 - ◆ - on the battery against - on the remote control
- 3 Replace the cover by sliding it back until it clicks into position.

-
- ◆ When replacing the batteries, use a new set.
 - ◆ To achieve optimum performance, make sure that the batteries are of the same type.

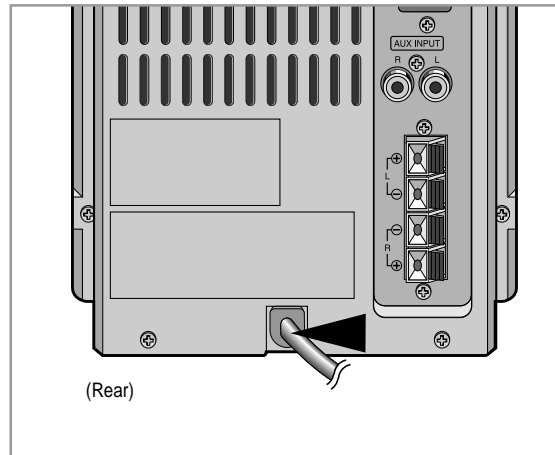
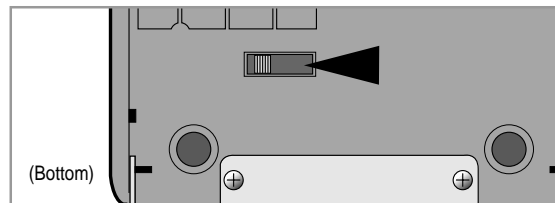


Connecting Your System to the Power Supply

The power cord lead must be plugged into an appropriate socket.

-  Before plugging your system into an outlet, you must check the voltage setting (OPTIONAL). If the voltage of the socket does not correspond to the setting on the rear of the unit, you may seriously damage your system.

- 1 Check the position of the voltage selector on the bottom of the system (OPTIONAL).
- 2 Plug the power cord (marked AC CORD on the rear of the system) into an appropriate socket.
- 3 Press the On/Standby button to switch your Micro component system on.



Connecting the AM(MW)/LW Aerial

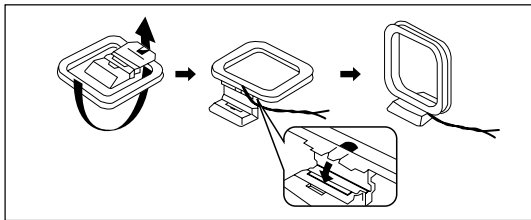
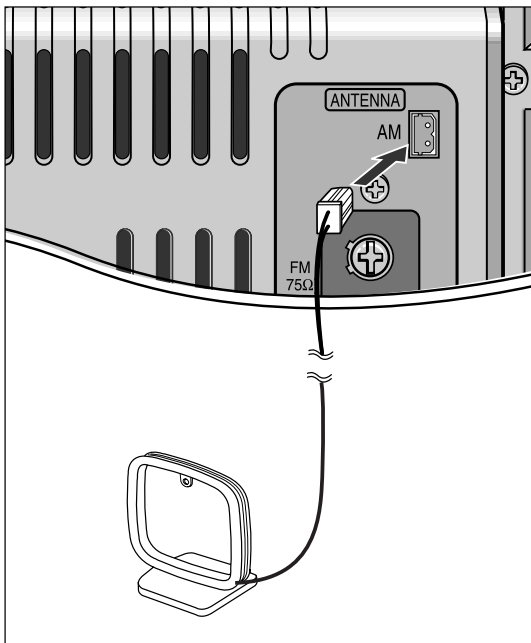
The AM(MW)/LW aerial (for long and middle waves) can be:

- ◆ Placed on a stable surface
- ◆ Fixed to the wall (you must first remove the base)

The AM aerial connector terminals are located on the rear of the system and are marked **AM ANT**.



To avoid noise interference, check that the loudspeaker wires do not run close to the aerial wires. Always keep them at least 2 inches (5 cm) away.



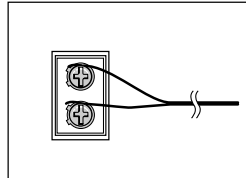
Connecting the FM Aerial

There are two types of aerials, follow the instructions below (depending on option chosen).



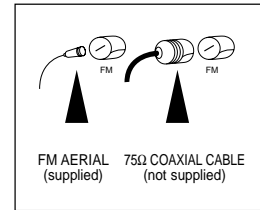
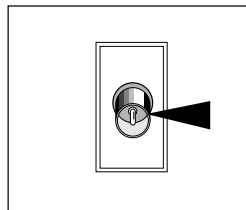
How to connect a SCREW TYPE wire aerial.

- ◆ The FM aerial connector terminals are located on the rear of the system and marked FM(75Ω).
- ◆ Spread the T-form FM aerial out and attach the ends to a wall, in the position providing the best reception.



How to connect a COAXIAL TYPE aerial (optional).

- ◆ Connect a 75Ω antenna to the FM aerial terminal.
- ◆ Plug the connector on the FM aerial supplied into the coaxial socket (75Ω) marked FM on the rear of the system.
- ◆ Follow the instructions given on Page 8 to tune into a radio station, and determine the best position for the aerial.
- ◆ If reception is poor, you may need to install an outdoor aerial. To do so, connect an outdoor FM aerial to the FM socket on the rear of the system, using a 75Ω coaxial cable (not supplied).



Setting the Clock



Your system is equipped with a clock which allows you to turn your system on and off automatically. You should set the clock:

- ◆ When you purchase the Micro component system
- ◆ After a power failure
- ◆ After unplugging the unit

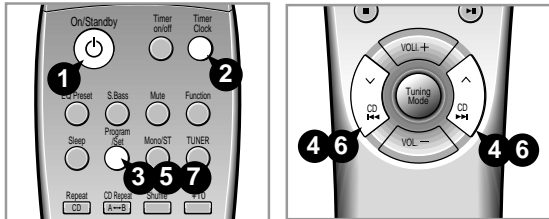
☞ For each step, you have a few seconds to set the required options. If you exceed this time, you must start again.

- 1 Switch the system on by pressing **On/Standby**.
- 2 Press **Timer/Clock** twice.
Result: **CLOCK** is displayed.
- 3 Press **Program/Set**.
Result: The hour flashes.
- 4

To...	Press...
Increase the hours	^
Decrease the hours	v
- 5 When the correct hour is displayed, press **Program/Set**.
Result: The minutes flash.
- 6

To...	Press...
Increase the minutes	^
Decrease the minutes	v
- 7 When the correct time is displayed, press **Program/Set**.
Result: The clock starts and is displayed, even when the system is in standby mode.

➤ You can display the time, even when you are using another function, by pressing Clock once.

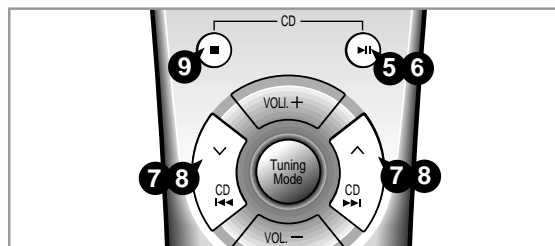
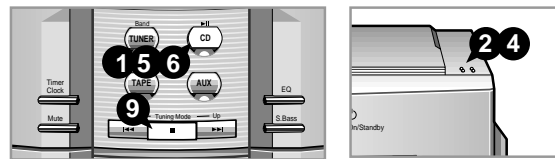


- 3 Place your disc in the compartment, with the label on the disc facing upwards.
- 4 Close the compartment by pushing down on the cover until it clicks into place.
Result: The display indicates the number of tracks on the disc.
- 5 Press the **PLAY/PAUSE** (▶||) button.
Result: The first track on the disc plays and the track number is displayed.
- 6 To stop playback temporarily, press the **PLAY/PAUSE** (▶||) button.
 - Press **PLAY/PAUSE** (▶||) again to continue playing the disc.
- 7

To start playing at the beginning of...	Press...
The next track	SKIP/SEARCH ▶▶ once
The current track	SKIP/SEARCH ◀◀ once
The previous track	SKIP/SEARCH ◀◀ twice
The track of your choice	SKIP/SEARCH ◀◀ or ▶▶ the appropriate number of times
- 8

To search through the tracks...	Press and hold down...
Forwards	SKIP/SEARCH ▶▶ until you reach the required point
Backwards	SKIP/SEARCH ◀◀ until you reach the required point

 - You are advised to turn the volume down before using this function.
- 9 Press the **STOP** (■) button when you have finished.



Listening to a Compact Disc

This unit has been designed to playback the CDs: Audio CD, CD Text, CD-R and CD-RW.

When you have loaded at least one compact disc into the player, you can start listening to it.

Continued use of irregular shape CDs (heart-shape, octagonal, etc.) can damage the unit.

- 1 Select the CD function by pressing **CD** on the front panel.
- 2 Open the compact disc compartment by pressing down and releasing the cover.

When playing a CD-R or CD-RW

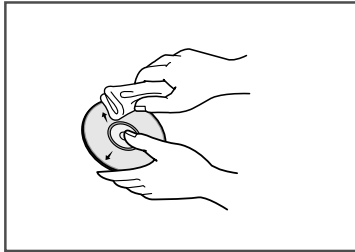
User-edited CD-Rs (Recordable) and CD-RWs (Rewritable) can be played back only if they are already "finalized".

- ◆ You can play back your original CD-Rs or CD-RWs recorded in music CD format. (However, they may not be played back depending on their characteristics or recording conditions.)
- ◆ Some CD-Rs or CD-RWs may not be played back on this unit because of their disc characteristics, damage or stain on them, or if the player's lens is dirty.
- ◆ CD-RWs may require a longer readout time. (This is caused by the fact that the reflectance of CD-RWs is lower than for regular CDs.)

Precautions When Using Compact Discs

To guarantee hours of enjoyable listening with your compact discs:

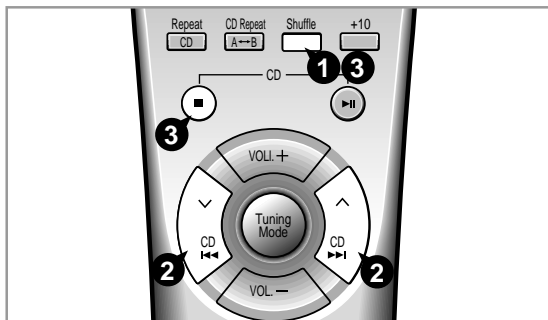
- ◆ Always hold them by the edges to avoid leaving fingerprints on the shiny surface
- ◆ Always replace them in their cases after listening to them
- ◆ Do not fix paper or adhesive tape to the discs and do not write on the label
- ◆ Clean the player with a special cleaning disc



Shuffle Play Function

You can listen to the tracks on a compact disc in a different order each time, as the various tracks will be selected automatically in a random sequence.

- 1 Press the **Shuffle** button.
Result: The Shuffle indication appears and all the tracks are played in a random order. Both the track number and the playing time are displayed.
- 2 When playing tracks in a random order, you can:
 - ◆ Move on to the next track (selected at random) by pressing **⏪ / ⏩**.
 - ◆ Search quickly for a specific point in the current track by pressing **⏪ / ⏩**.
- 3 When you have finished the random playback, press **■** or press the **Shuffle** button again.



Repeat Function

You can repeat:

- ◆ A specific track on a compact disc
- ◆ All tracks on the compact disc

➤ This function is not available in the CD STOP mode.

- 1 Press the **Repeat** button.

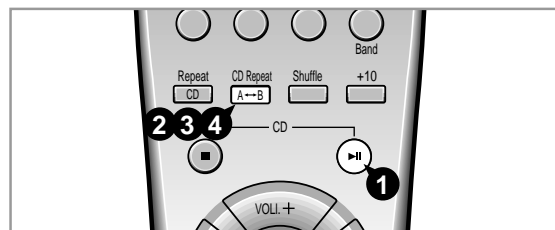
To repeat the...	Press Repeat...
Current track indefinitely	Once (REPEAT 1 is displayed)
Disc	Twice (REPEAT ALL is displayed)
- 2 When you wish to stop the Repeat function, press Repeat once more.
Result: **REPEAT** is no longer displayed.



CD Repeat A ↔ B Function

When you select CD Repeat A ↔ B playback, the music passages to which you were listening is repeated five times.

- 1 Press **PLAY/PAUSE** button.
Result: The CD player starts playing.
- 2 Press **CD Repeat A ↔ B** button.
Result: The indications appear: **START**.
The flashes appear: **A ↔ B**
 - ◆ A Time is memorized.
- 3 Press **CD Repeat A ↔ B** button.
Result: The indications appear: **END**.
 - ◆ B Time is memorized.
 - ◆ Your selected passages are repeated five times.
- 4 When you have finished the Repeat playback, Press **CD Repeat A ↔ B**.



Programming the Order of Playback

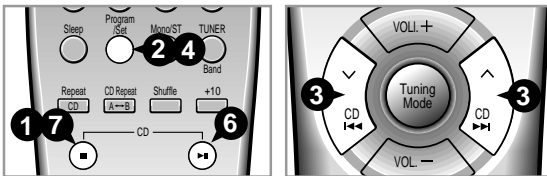


You can decide for yourself:

- ◆ The order in which you listen to the tracks
- ◆ The tracks to which you do *not* wish to listen

➤ This feature can be combined with the Repeat function.

- 1 If necessary, stop the player by pressing **STOP** (■).
- 2 Press **Program/Set**.
Result: **PROGRAM** and **P - 01--** are displayed.
- 3 Select the required track by pressing the SKIP buttons:
 - ◆ ◀◀ to move backwards through the tracks
 - ◆ ▶▶ to move forwards through the tracks
- 4 Press **Program/Set**.
Result: **P - 02 --** is displayed.
- 5 To select other tracks, repeat Steps 3 and 4.
➤ You can programme up to 15 tracks.
- 6 When you have finished selecting the tracks, press **PLAY/PAUSE** (▶▶) to start listening to the selection, in the order in which the tracks were programmed.
- 7 Press **STOP** (■) twice to cancel the selection when the disc is playing.



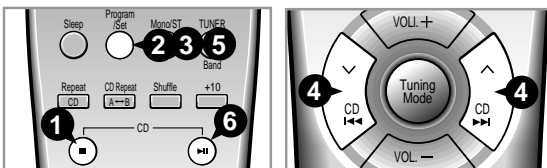
Checking and Changing Programmed Tracks

You can check and change your selection of tracks at any time.

☞ You must have selected at least one track.

- 1 Press **STOP** (■) once if you have started listening to the selection.
- 2 Press **Program/Set**.
➤ Each time you press **Program/Set**, the next selection is displayed.
- 3 Press **Program/Set** one or more times until the track to be changed is displayed.
- 4 Press SKIP ◀◀ or ▶▶ to select the new track.
- 5 Press **Program/Set**.
- 6 Press **PLAY/PAUSE** (▶▶) to start listening to the selection.
Result: The first track selected is played.

➤ You can change one or more tracks in your initial selection.



Searching for and Storing the Radio Stations

You can store up to:

- ◆ 15 FM stations
 - ◆ 8 MW stations (optional)
 - ◆ 7 LW stations (optional)
- 15 AM stations (optional)

- 1 Switch the system on by pressing **On/Standby**.
- 2 Press **TUNER** to select the radio function.
- 3 Select the required frequency band by pressing **Band**.
Result: The appropriate indication is displayed:
 - ◆ **FM** Frequency Modulation
 - ◆ **MW** Medium Wave or AM (Amplitude Modulation)
 - ◆ **LW** Long Wave
- 4 Select the station to be stored by pressing **TUNING** ∨ and ∧ to increase or decrease the frequency respectively.

To search for a station	Press the appropriate button...
Manually	One or more times. Result: The station changes each time you press the button.
Automatically	And hold it down for at least one seconds. Result: The next station is found automatically.

➤ The automatic search function may stop on a frequency that does not correspond to a radio station. If this happens, use the manual search function.

Result: **TUNED** is displayed when a station is received.

- 5 Adjust the volume by pressing **Vol. +** and **Vol. -**.
- 6 If there is noise interference on an FM stereo station, press the **Mono/ST** button once to select the mono mode. This may improve the reception. Press the **Mono/ST** button again to return to the stereo mode.

➤ If a preset station is displayed when you are searching for a radio station, press **Tuning Mode** to select the **MANUAL** mode and continue searching.

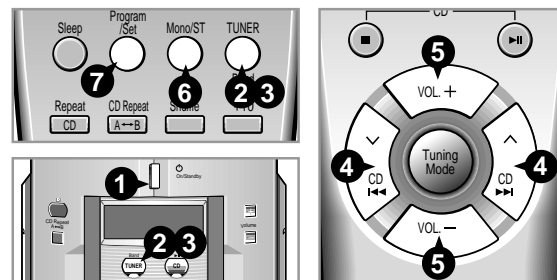
- 7 If you do not want to store the radio station found, revert to Step 3 to search for another station.

Otherwise:

- a Press **Program/Set**.
Result: The programme number and **PROG** are displayed for a few seconds.
- b Press **TUNING** ∨ and ∧ to assign a programme number between 1 and 20 (for FM).
Result: The programme number is displayed. For the FM frequency band, the over symbol is displayed to indicate two-digit station numbers.
- c Press **Program/Set** to store the radio station.
Result: **PROG** is no longer displayed and the station is stored.

- 8 To store any other radio stations required, repeat Steps 3 to 7.

➤ This function can be used to assign a new station to an existing programme number.



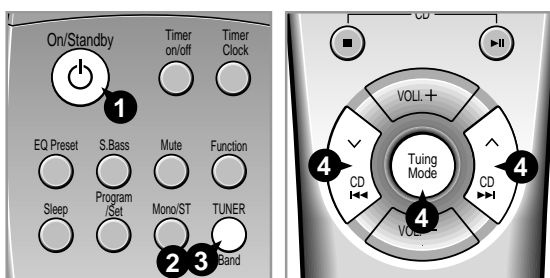
Selecting a Stored Radio Station

You can listen to a stored radio station as follows:

- 1 Switch the system on by pressing **On/Standby**.
- 2 Press **TUNER** to select the radio function.
- 3 Select the required frequency band by pressing **Band**.
- 4 Select the radio station as follows.

To listen to...	Press...
A stored station	a Tuning Mode to select the PRESET mode. b TUNING ∇ and \wedge to select the required station.
Another station	TUNING ∇ and \wedge to increase or decrease the frequency respectively until the required station is found.

➤ Press Tuning Mode again to exit the stored station selection function.

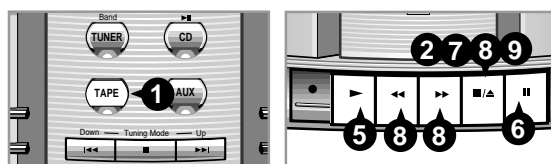


Listening to a Cassette

You can listen to any type of audio cassette with this player.



- 1 Press the **TAPE** button to select the cassette function.
 - 2 Open the cassette deck by pressing the **STOP/EJECT** ($\blacksquare/\blacktriangle$) button.
 - 3 Insert the pre-recorded cassette with the open edge of the tape facing downwards.
 - 4 Close the deck by pushing on it until it clicks into place.
 - 5 Press the **PLAY** (\blacktriangleright) button.
Result: The cassette starts playing.
 - 6 To stop the playback temporarily, press the **PAUSE** (\parallel) button.
➤ Press the **PAUSE** (\parallel) button to continue listening to the cassette.
 - 7 When you have finished, press the **STOP/EJECT** ($\blacksquare/\blacktriangle$) button.
- | To... | Press the... |
|---------------------------|---|
| Rewind the cassette | REW (\blacktriangleleft) button |
| Fast-forward the cassette | F.FWD (\blacktriangleright) button |
| Stop the player | STOP/EJECT ($\blacksquare/\blacktriangle$) button |
- The rewind or fast-forward functions stop automatically when the beginning or end of the cassette is reached.
- 9 To open the deck, press the **STOP/EJECT** ($\blacksquare/\blacktriangle$) button.

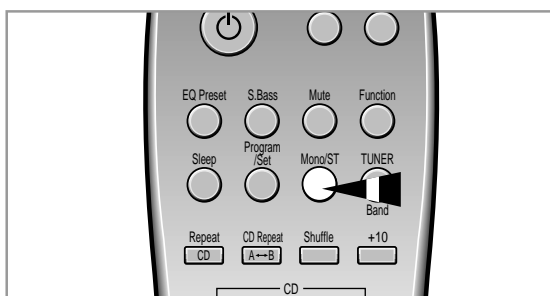


Improving Radio Reception

You can improve the quality of radio reception by:

- ◆ Rotating the **FM** or **MW (AM)**, **LW (optional)** aerial
- ◆ Testing the positions of the **FM** and **MW (AM)**, **LW (optional)** aerials before fixing them to the wall

➤ If reception from a specific FM radio station is poor, press **Mono/ST** button to switch from stereo mode to mono. The quality of the sound will be improved.



Maintaining the Sound Quality

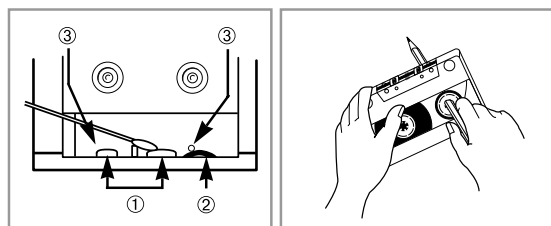
To obtain the best possible results from your cassette player, you must clean it regularly (heads, roller and drive capstan).

Open the deck by pressing the **STOP/EJECT** ($\blacksquare/\blacktriangle$) button. Use a cotton bud and a special cassette cleaning agent to clean the:

- ◆ Heads (①)
- ◆ Roller (②)
- ◆ Drive capstan (③)

To guarantee hours of enjoyable listening with your cassettes:

- ◆ Check that the tape in the cassette is always sufficiently taut
- ◆ Store your cassettes in a clean place, out of direct sunlight, where they will not be exposed to high temperatures
- ◆ Avoid using 120-minute cassettes as they are extremely fragile

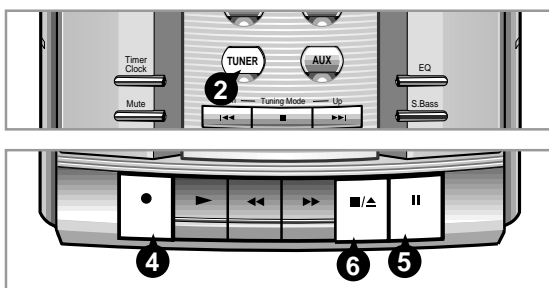


Recording a Radio Programme



You can record a radio programme of your choice and listen to it at a later date.

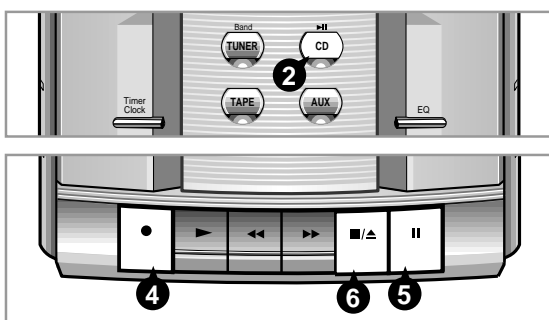
- 1 Insert a blank cassette in the cassette deck.
- 2 Press **TUNER** to select the radio function.
- 3 Select the radio station that you wish to record.
- 4 To start recording, press the **RECORD (●)** button.
Result: Recording starts immediately.
- 5 To stop recording temporarily, press the **PAUSE (II)** button.
- 6 When you wish to stop recording, press the **STOP/EJECT (■/▲)** button.



Recording a CD

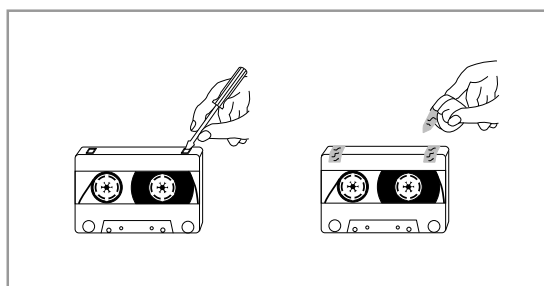
You can record a compact disc on a cassette.

- 1 Insert a blank cassette in the cassette deck.
- 2 Press the **CD** button to select the CD function.
- 3 Load the compact disc (see page 8).
- 4 Press the **RECORD (●)** button.
Result: The first track on the disc is played and the player starts recording automatically.
 - If you wish to record a specific track, select it before pressing the **RECORD (●)** button.
- 5 If you wish to stop recording temporarily, press the **PAUSE (II)** button.
- 6 When you have finished recording, press the **STOP/EJECT (■/▲)** button.



Recommendations for Recording

- Record on normal bias cassettes only.
- To prevent erasing a cassette that you wish to keep, remove the safety tabs on the upper edge of the cassette. To re-record a cassette, where the tabs have been broken, simply cover the openings with adhesive tape.
- It is an infringement of copyright laws to copy records and pre-recorded cassettes or to re-record them in any form without the permission of the owners of the corresponding copyright.

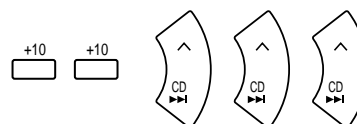


Function to skip through 10 tracks at a time

Press the **+10** button briefly while playing back a CD. The track 10 tracks after the current one will then be played back.

Example: If you want to select track 23 during playback of track 5, press the **+10** button two times, and then press the **▶▶** button three times.

5 → 10 → 20 → 21 → 22 → 23



Timer Function

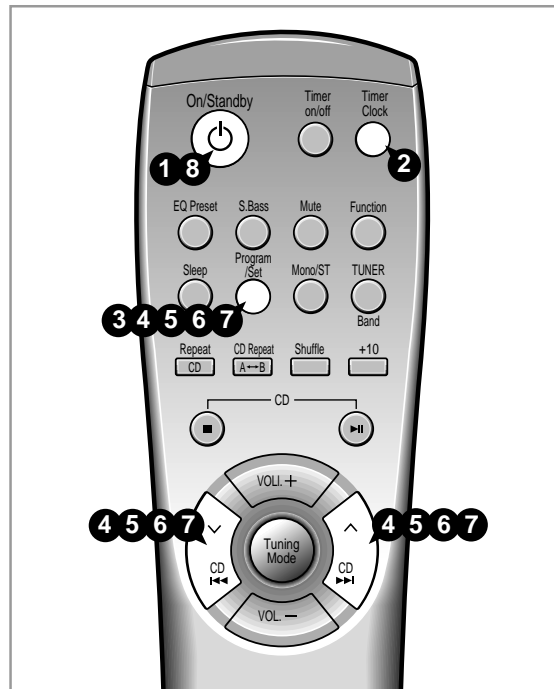
The timer enables you to switch the system on or off at specific times.
Example: You wish to wake up to music every morning.

- If you no longer want the system to be switched on or off automatically, you must cancel the timer.
- ☛
 - ◆ Before setting the timer, check that the current time is correct.
 - ◆ For each step, you have a few seconds to set the required options. If you exceed this time, you must start again.

- 1 Switch the system on by pressing **On/Standby**.
- 2 Press **Timer/Clock** until **TIMER** is displayed.
- 3 Press **Program/Set**.
Result: **ON TIME** is displayed for a few seconds, followed by any switch-on time already set; you can set the timer switch-on time.
- 4 Set the timer switch-on time.
 - a Set the hour by pressing **TUNING** \vee and \wedge .
 - b Press **Program/Set**.
Result: The minutes flash.
 - c Set the minutes by pressing **TUNING** \vee and \wedge .
 - d Press **Program/Set**.
Result: **OFF TIME** is displayed for a few seconds, followed by any switch-off time already set; you can now set the timer switch-off time.
- 5 Set the timer switch-off time.
 - a Set the hour by pressing **TUNING** \vee and \wedge .
 - b Press **Program/Set**.
Result: The minutes flash.
 - c Set the minutes by pressing **TUNING** \vee and \wedge .
 - d Press **Program/Set**.
Result: **VOL XX** is displayed, where **XX** corresponds to the volume already set.
- 6 Press **TUNING** \vee and \wedge to adjust the volume level and press **Program/Set**.
Result: The source to be selected is displayed.
- 7 Press **TUNING** \vee and \wedge to select the source to be played when the system switches on.

If you select...	You must also...
TAPE (cassette)	Insert a recorded cassette in the decks before setting the system to standby.
TUNER (radio)	<ol style="list-style-type: none"> a Select the FM or AM frequency band by pressing TUNING \vee and \wedge. b Press Program/Set. c Select a preset station by pressing TUNING \vee and \wedge.
CD (compact disc)	<ol style="list-style-type: none"> a Load compact discs.
8 Press On/Standby to set the system to standby mode. <u>Result:</u> \odot is displayed to the middle right of the time, indicating that the timer has been set. The system will switch on and off automatically at the required times.	

- If the timer switch on and off times are identical, the word **ERROR** is displayed.



GB

Cancelling the Timer

After having set the timer, it will start automatically as shown by the \odot indication on the display. If you no longer wish to use the timer, you must cancel it.

- You can stop the timer at any time (system on or in standby mode).


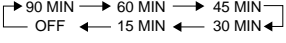
To...	Press Timer On/Off
Cancel the timer	Once. <u>Result:</u> \odot is no longer displayed.
Restart the timer	Twice. <u>Result:</u> \odot is displayed again.

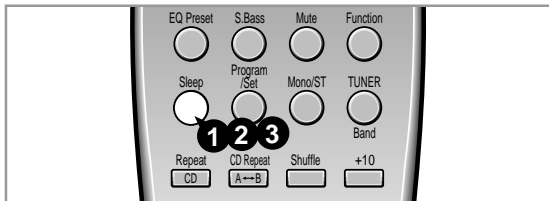


Sleep Timer



You can set the system to switch off automatically.
Example: You wish to fall a sleep to music.

- 1 Press **Sleep**.
Result: The following indications are displayed:

- 2 Press Sleep one or more times to indicate how long the system should continue playing before it switches off.

 ➤ At any time, you can:
 - ◆ Check the remaining time by pressing Sleep
 - ◆ Change the remaining time by repeating Steps 1 and 2
- 3 To cancel the sleep timer function, press Sleep one or more times until **OFF** is displayed and the word **SLEEP** disappears.



Bass Amplification System (Super Bass)

Your micro component system is equipped with a bass amplification system called Super Bass. This function makes the sound more powerful and true-to-life.

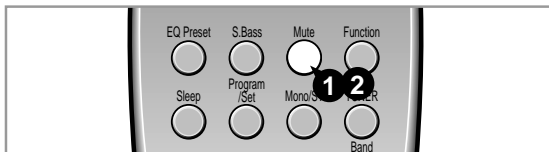
- 1 Press **S. Bass** on the front panel.
Result: **SBS** is displayed
- 2 To cancel this function, press **S. Bass** again.



Mute Function

You can turn the sound off temporarily on your system.
Example: You wish to answer a telephone call.

- 1 Press Mute on the remote control.
Result: **MUTE** is displayed and the sound is switched off.
- 2 To switch the sound back on at the same volume as before, press Mute again.



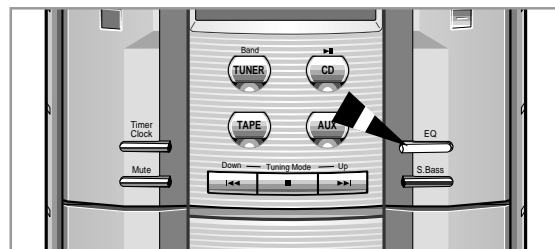
Equalizer

Your micro component system is equipped with a preset equalizer that enables you to choose the most appropriate balance between treble and bass frequencies, according to the type of music to which you are listening.

Press the **EQ Preset** button one or more times until the required option is selected.

To obtain a...	Select...
Standard balance (linear)	PASS
Balance suitable for classical music	CLASSIC
Balance suitable for pop music	POP
Balance suitable for rock music	ROCK

Result: The corresponding indication is displayed.

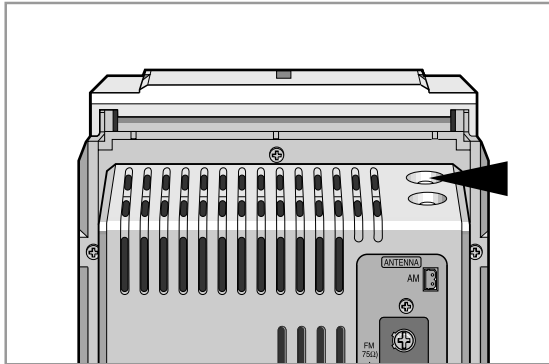


Microphone Function (option)

The microphone enables the user to mix in his or her vocals to sing-along with the music.

Preparation

Plug the microphone with a 3.5mm mic jack into microphone terminal.



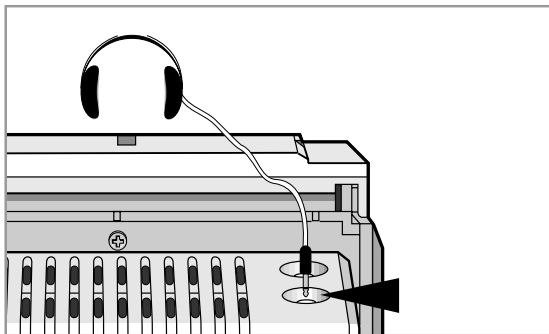
Connecting Headphones

You can connect a set of headphones to your micro component system so that you can listen to music or radio programmes without disturbing other people in the room. The headphones must have a 3.5 mm jack or appropriate adapter.

Connect the headphones to the Phones connector on the front panel (or top right corner).

Result: The loudspeakers are no longer used for sound output.

⚠ Prolonged use of headphones at a high volume may damage your hearing.



Connecting to an External Source

The auxiliary input can be used to take advantage of the sound quality of your micro component system when listening to other sources.



- Example:**
- ◆ A television
 - ◆ A video disc player
 - ◆ A DAT or DCC cassette player
 - ◆ A Hi-Fi stereo video cassette recorder

➤ To connect an external source, the source to be connected must have an audio output. In addition, you must have an RCA connection cable.

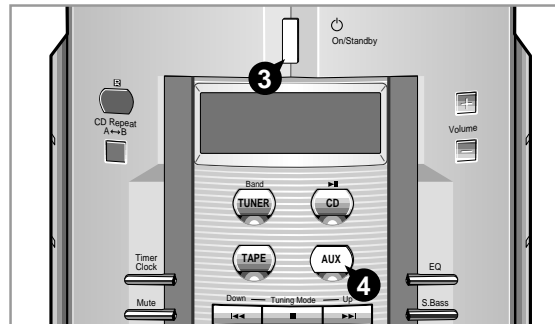
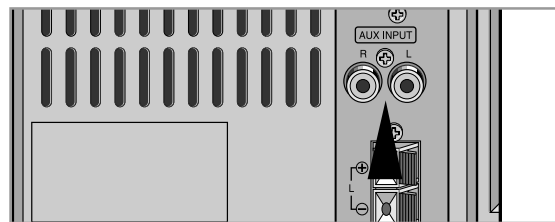
- 1 Before connecting the external source, set the system to standby mode and disconnect it and the external source from the mains.
- 2 Connect the audio cable to the rear of the system.

Connect the...	To the connector marked...
Red jack	R (right)
White jack	L (left)

➤ For optimum sound quality, do not invert the right and left channels.

- 3 Press **On/Standby** switch it on.
- 4 Press **AUX**.
Result: **AUX** is displayed.
- 5 Switch the external source on.
- 6 Adjust the volume and balance as required:
 - ◆ Volume
 - ◆ Equalizer
 - ◆ S. BASS

Example: You can watch a film and take advantage of stereo sound as if you were at the cinema (provided that the original sound track is in stereo).



Technical Specifications



SAMSUNG strives to improve its products at all times. Both the design specifications and these user instructions are thus subject to change without notice.

TUNER

FM

Signal/noise ratio	55 dB
Usable sensitivity	15 dB
Total harmonic distortion	1 %

AM (MW)

Signal/noise ratio	40 dB
Usable sensitivity	56 dB
Total harmonic distortion	2%

LW (optional)

Signal/noise ratio	32 dB
Usable sensitivity	63 dB
Total harmonic distortion	2%

COMPACT DISC PLAYER

Frequency range	20 Hz - 20 KHz (± 54 dB)
Signal/noise ratio	85 dB (at 1 KHz) with filter
Distortion	0.1% (at 1 KHz)
Channel separation	75 dB
Disc sizes	Diameter: 120 or 80 mm. Thickness: 1.2 mm

TAPE DECK

Frequency range	125 Hz ~ 8 KHz
Signal/noise ratio	45 dB
Channel separation	33 dB
Erasing effect	40 dB

GENERAL

Output power	2 x 5 Watts (total harmonic distortion:10%)
Power supply	AC mains: See the label
Dimensions	137(W)x225(H)x250(D)mm.

MEMO

A large rectangular area with a thin black border, containing 25 horizontal dotted lines for writing.

THIS APPLIANCE IS MANUFACTURED BY:



AH68-00954B