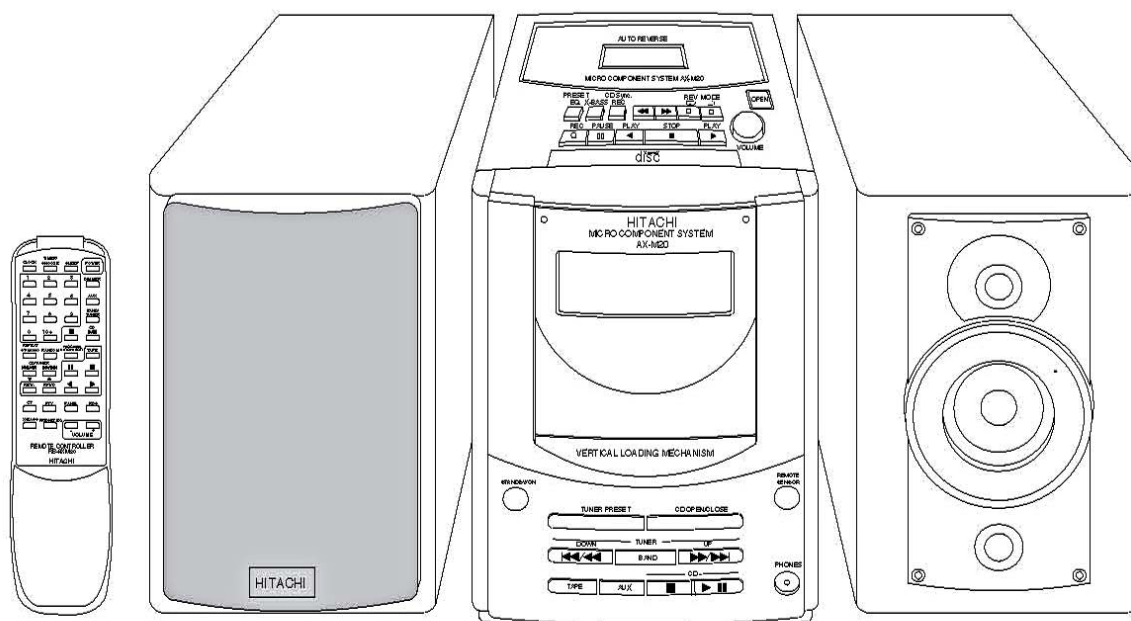


HITACHI

MICRO COMPONENT SYSTEM AX-M20E(BS)

Instruction Manual

COMPACT
disc
DIGITAL AUDIO



NOTICE

The STANDBY/ON button on the front panel switches the unit from ON to STANDBY but does not isolate the unit from the mains supply. If it is to be left unattended for a long period, it is recommended that the unit is switched to standby and the mains plug is removed from the socket.

Before operating please read all these instructions thoroughly.

SOME DO'S AND DON'TS ON THE SAFE USE OF YOUR EQUIPMENT

(For UK)

This equipment has been designed and manufactured to meet international safety standards but, like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured.

★ ★ ★ ★ ★ ★ ★ ★ ★ ★

DO read the operating instructions before you attempt to use the equipment.

DO ensure that all electrical connections (including the mains plug, extension leads and interconnections between pieces of equipment) are properly made and in accordance with the manufacturer's instructions. Switch off and withdraw the mains plug when making or changing connections.

DO consult your dealer if you are ever in doubt about the installation, operation or safety of your equipment.

DO be careful with glass panels or doors on the equipment.

★ ★ ★ ★ ★ ★ ★ ★ ★ ★

DON'T continue to operate the equipment if you are in any doubt about it working normally, or if it is damaged in any way-switch off, withdraw the mains plug and consult your dealer.

DON'T remove any fixed cover as this may expose dangerous voltages.

DON'T leave equipment switched on when it is unattended unless it is specifically stated that it is designed for unattended operation or has a standby mode. Switch off using the switch on the equipment and make sure that your family knows how to do this. Special arrangements may need to be made for infirm or handicapped people.

DON'T use equipment such as personal stereos or radios so that you are distracted from the requirements of traffic safety. It is illegal to watch television whilst driving a vehicle.

DON'T listen to headphones at high volume, as such use can permanently damage your hearing.

DON'T obstruct the ventilation of the equipment, for example with curtains or soft furnishings. Overheating will cause damage and shorten the life of the equipment.

DON'T use makeshift stands and NEVER fix legs with wood screws - to ensure complete safety always fit the manufacturer's approved stand or legs with the fixings provided according to the instructions.

DON'T allow electrical equipment to be exposed to rain or moisture.

ABOVE ALL

- **NEVER** let anyone especially children push anything into holes, slots or any other opening in the case - this could result in a fatal electrical shock;
- **NEVER** guess or take chances with electrical equipment of any kind. It is better to be safe than sorry!

★ ★ ★ ★ ★ ★ ★ ★ ★ ★

DECLARATION OF CONFORMITY

We declare under our sole responsibility that this product, to which this declaration relates, is in conformity with the following standards:

EN60065, EN55013, EN55020, EN60555-2 and EN60555-3.

Following the provisions of 73/23/EEC, 89/336/EEC and 93/68/EEC Directives.

IMPORTANT

The mains lead on this equipment may be supplied with a moulded plug incorporating a fuse, the value of which is indicated on the pin face of the plug. Should the fuse need to be replaced, an ASTA or BSI approved BS1362 fuse must be used of the same rating. If the fuse cover is detachable never use the plug with the cover omitted. If a replacement fuse cover is required, ensure it is of the same colour as that visible on the pin face of the plug. Fuse covers are available from your dealer.

DO NOT cut off the mains plug from this equipment. If the plug fitted is not suitable for the power points in your home or the cable is too short to reach a power point, then obtain an appropriate safety approved extension lead or consult your dealer.

Should it be necessary to change the mains plug, this must be carried out by a competent person, preferably a qualified electrician.

If there is no alternative to cutting off the mains plug, ensure that you dispose of it immediately, having first removed the fuse, to avoid a possible shock hazard by inadvertent connection to the mains supply.

IMPORTANT

The wires in this 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.

On no account connect either of these wires to the terminal marked **E** or by the earth symbol \perp or coloured green or green and yellow.

Alternatively, this equipment may be supplied with a rewirable plug already fitted, which may be removed if not suitable and an alternative fitted in accordance with the preceding instructions.

PRECAUTIONS

- If no sound is emitted from the speakers when the volume is raised, lower the volume, switch the STANDBY/ON button to STANDBY, and check to see if the speaker cords are properly connected.
- This unit contains a muting circuit and it takes about 2 – 4 seconds until this unit reaches stable operation after switching the STANDBY/ON.
- Never open the covers or touch the inside or insert a metal objects. Any of these could cause an electric shock or a fault.
- When thunder starts, unplug the power cord and disconnect the antenna.
- The apparatus shall not be exposed to dripping or splashing.
- To clean cabinet and panels when dirty, clean off dirt on the surfaces with a dry cloth. Never use thinner, benzene or alcohol, for these will damage the surface finish.
- Protect the unit against excessive heat (e.g. direct sunlight), dust and moisture.
- Discs which can be played on the CD player have the following mark on them: 
- Be carefull not to damage the power supply cord. Be sure to hold the plug when pulling it out; do not pull the cord.
- Do not install the set in a confined location; otherwise, heat dissipation will be poor and malfunctions may occur.
- Do not place foreign objects in the disc compartment. It may cause damage to the mechanism.
- Do not move the sound system suddenly from a very cold room into a warm room. When a chilled CD player is moved suddenly to a warm location, condensation may form on the pickup lens, preventing proper operation. In this case, wait 1 – 2 hours before resuming play.
- During playback, if the CD player is subjected to a sudden shock or jolt, some noise may be produced. This is not a malfunction.
- The CD player has wide dynamic range. As a result, if you turn your amplifier's volume up too high during soft (low volume) parts of a program, your speakers may be damaged when the dynamic range of a sudden loud passage is produced.
- Do not store discs in high-temperature, high-humidity locations. The discs may develop warps and become unable to play. Also, discs with moisture on them may be unplayable. Wipe any moisture off with a soft, dry cloth, and be sure discs are fully dry before using.
- Do not leave a disc inside the CD player when it is not used for a long period.
- Please do not use compact discs with cellophane or with labels attached or those CD with peeled off stains, such as rental CD. If such discs were used on a CD player, they may get trapped inside the unit and cause malfunction.
- CD with special shapes (heart-shaped CDs, octagonal CDs etc.) cannot be played on this set. Attempting to do so may damage the set. Do not use such CDs.



SAFEGUARDS

Electrical energy can perform many useful functions. This unit been engineered and manufactured to assure your personal safety. Improper use can result in potential electrical shock or fire hazards. In order not to defeat the safeguards, observe the following instructions for its installations, use and servicing.

INSTALLATION

Avoid the use of this unit in high temperature areas (such as near heating equipment) or in direct sunlight. Do not block the unit from radiating heat.

SPECIAL FEATURES

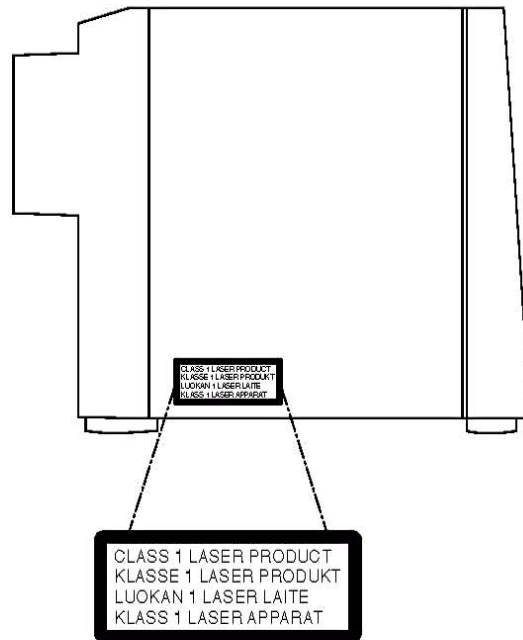
- **Sound Enhancement**
 - Enhance low frequency response with Dynamic Bass.
 - Choose from a variety of preset sound settings to match your music, POP, ROCK, CLASSIC etc.
- **Tuner**
 - PLL synthesizer tuner with 20 preset stations for FM and MW respectively.
- **CD Player**
 - Motorized CD door opening for vertical disc loading.
 - CD Synchronized recording for one touch recording from CD to Tape.
- **Tape Deck**
 - Auto reverse function for uninterrupted playback.
 - Bi-directional playback and recording capability.
- **Programmable Clock and Timer**
 - Timer playback for tuner, CD and AUX.
 - Automatic sleep function.
- **Speaker System**
 - 2-way bass reflex speaker system.
- **Comprehensive Remote Control**

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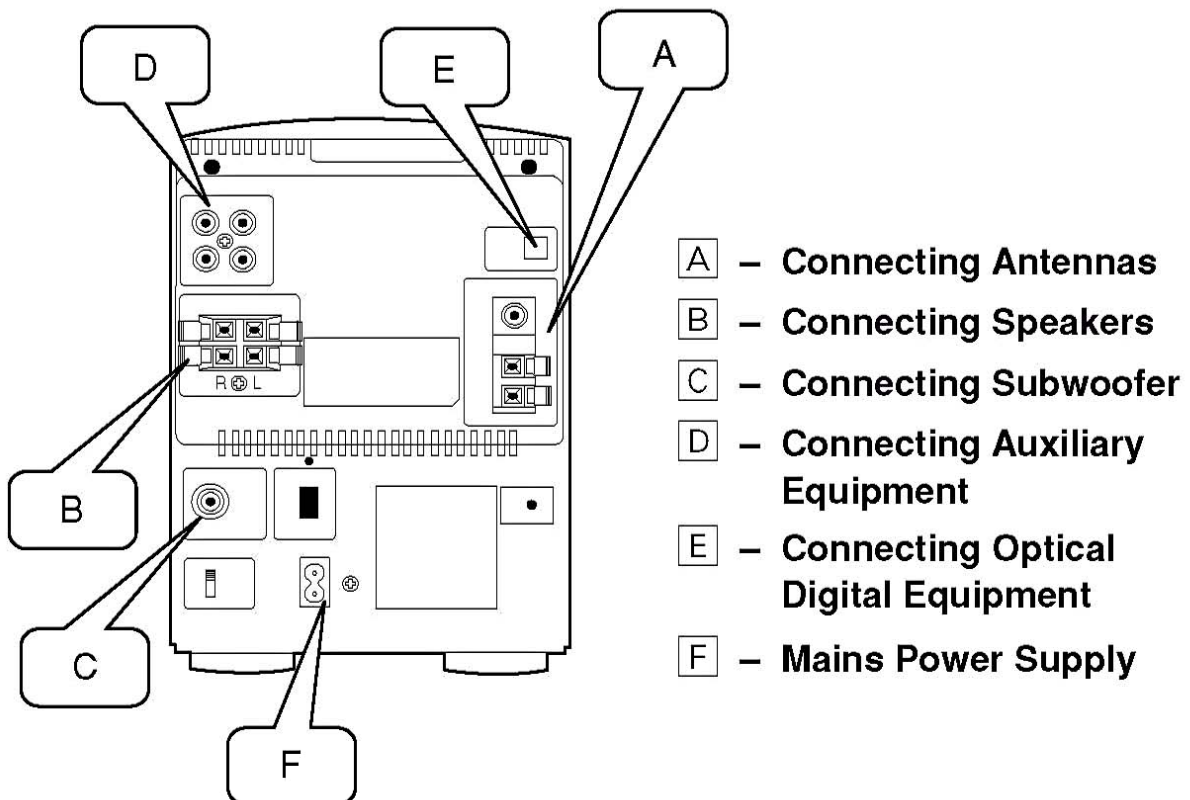
LOCATION OF CAUTION LABEL

SIDE VIEW



SYSTEM CONNECTIONS

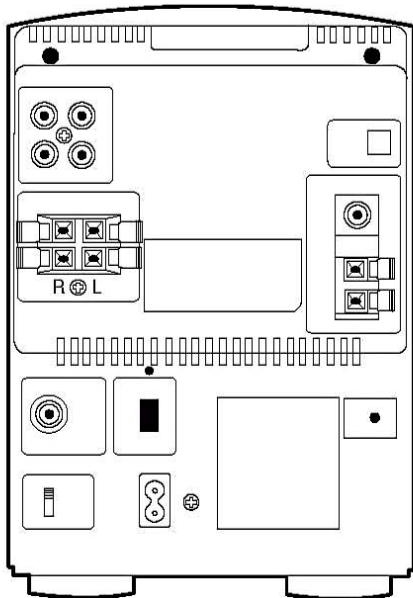
REAR VIEW



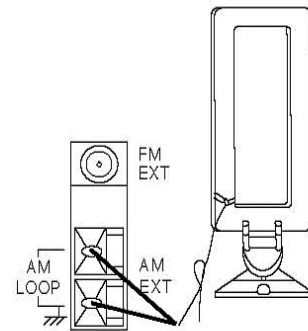
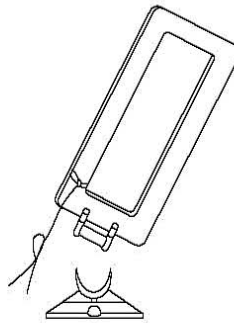
A

CONNECTING ANTENNAS

AM antenna connection and adjustment



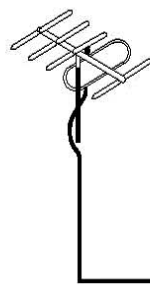
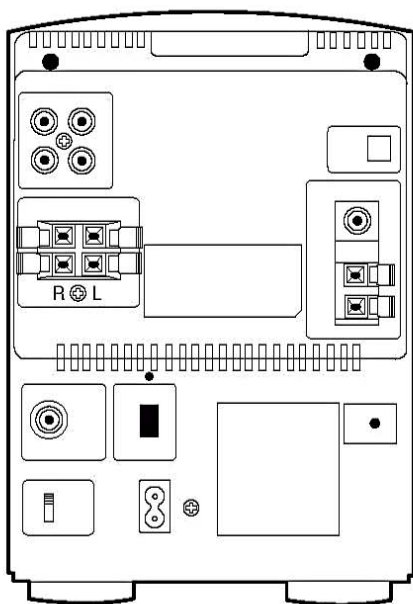
AM loop antenna
(provided)



Insert in the direction
of the arrow

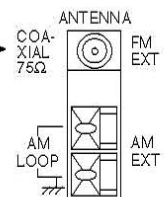
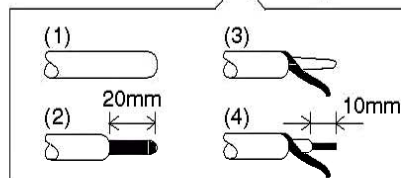
FM antenna connection and adjustment

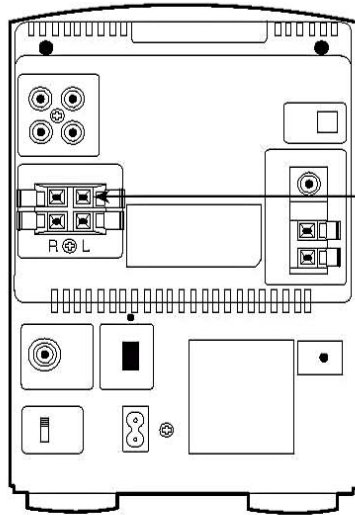
FM outdoor antenna
(optional)



Coaxial cable

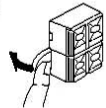
FM feeder
antenna
(provided)



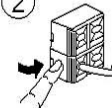
B**CONNECTING SPEAKERS****Speaker cord connection**

Connect the Black cord to the (-) terminal.

①

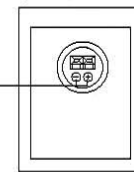
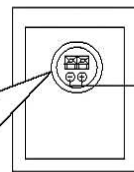


②

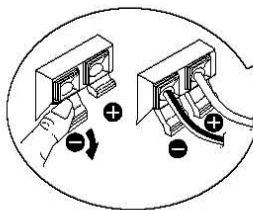


Right speaker
(rear side)

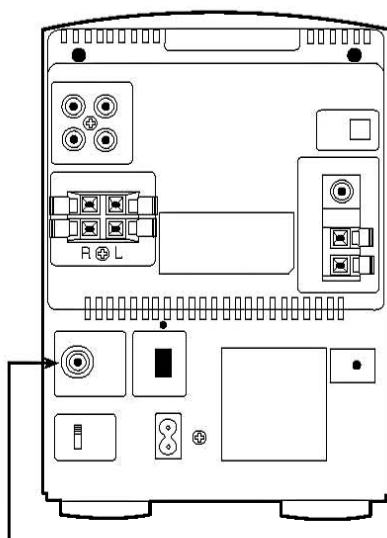
Left speaker
(rear side)



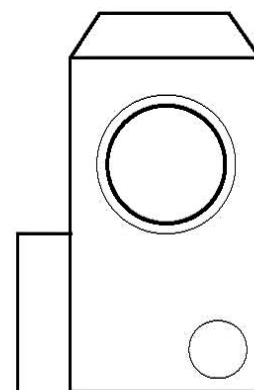
Connect the Black cord to the (-) terminal and the Red cord to the (+) terminal.



Connect the cord from the speaker on the left to the (LEFT) terminals and the cord from the speaker on the right to the (RIGHT) terminals.

C**CONNECTING SUB WOOFER**

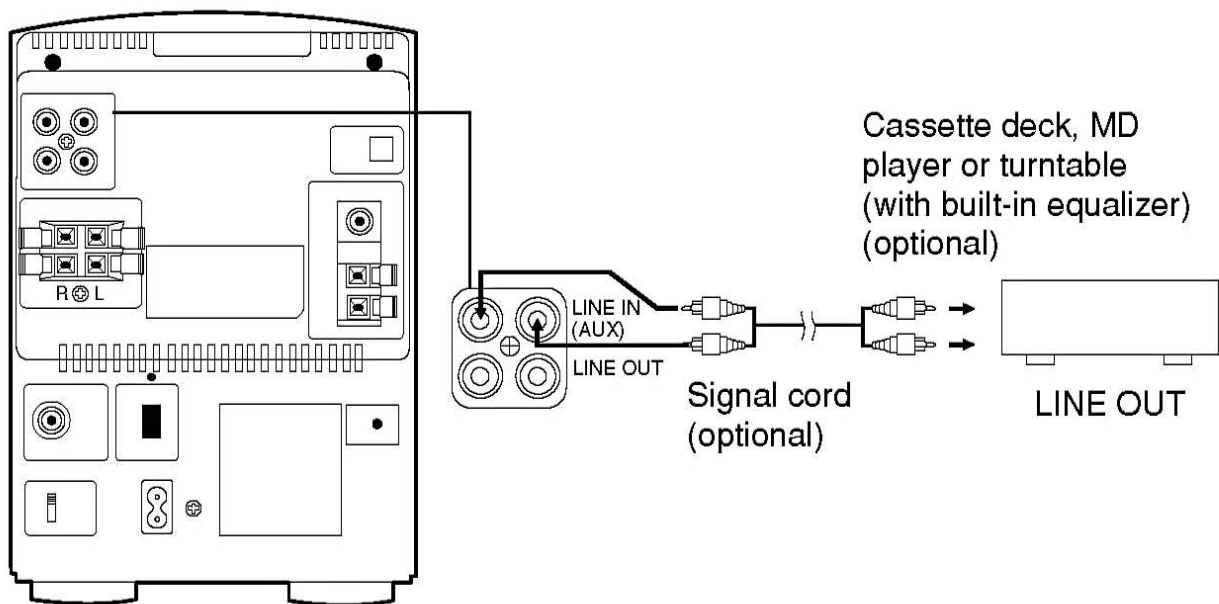
SUB WOOFER



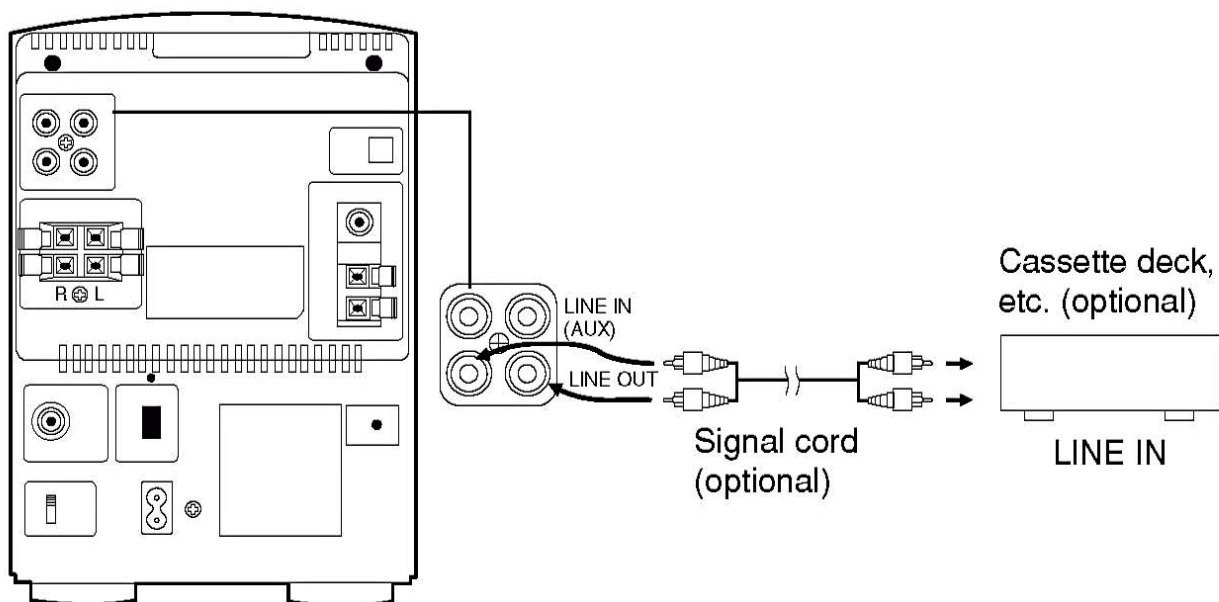
OPTIONAL

D CONNECTING AUXILIARY EQUIPMENT

Connection of external audio units for playback sound from this unit

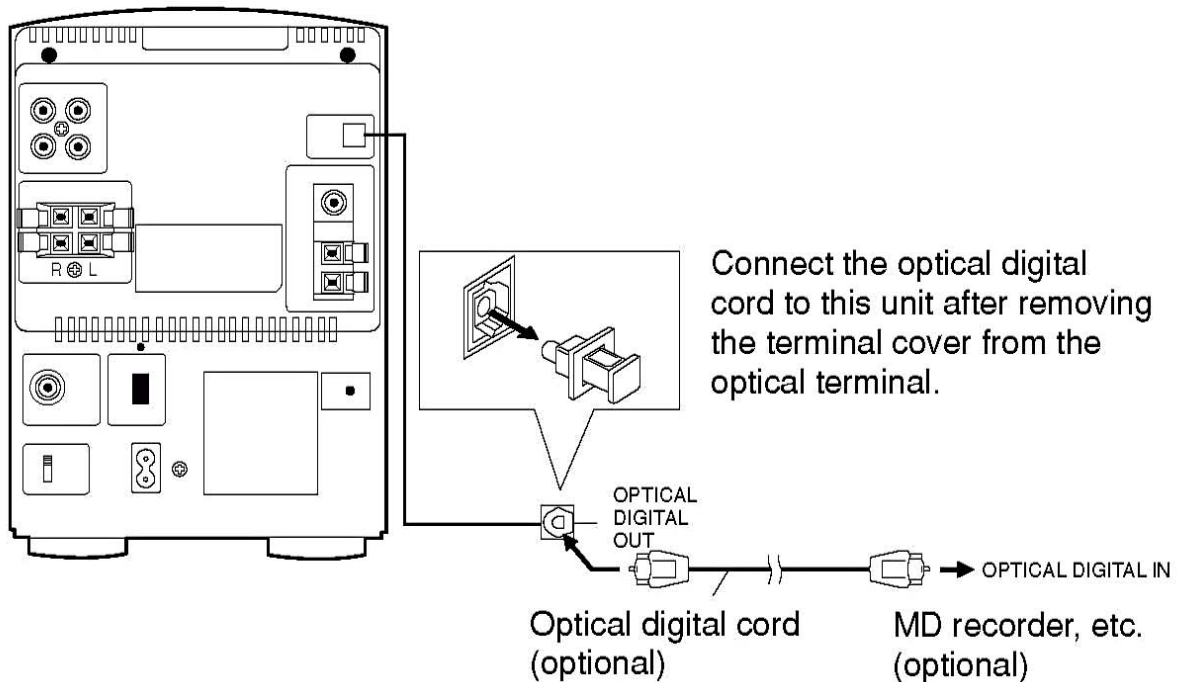


Connection with cassette deck, etc. for recording from this unit



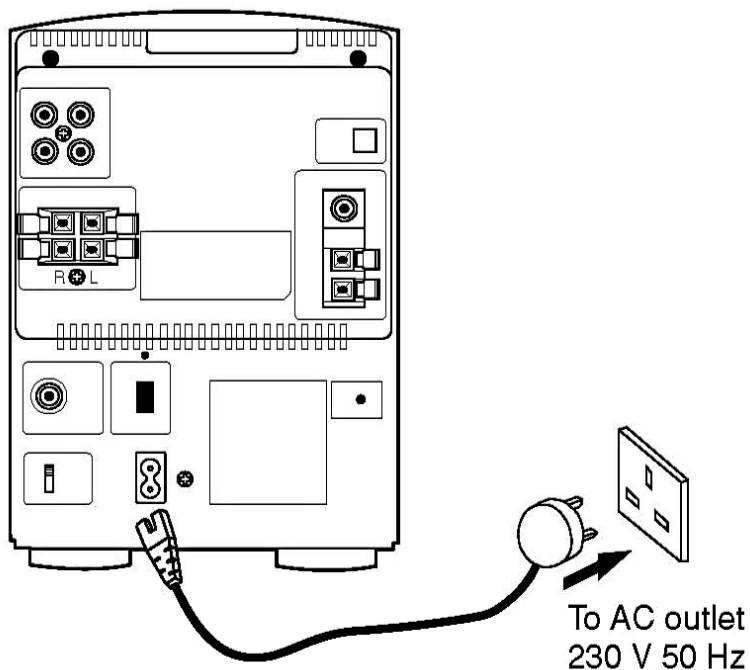
E CONNECTING OPTICAL DIGITAL EQUIPMENT

Connection to an optical device



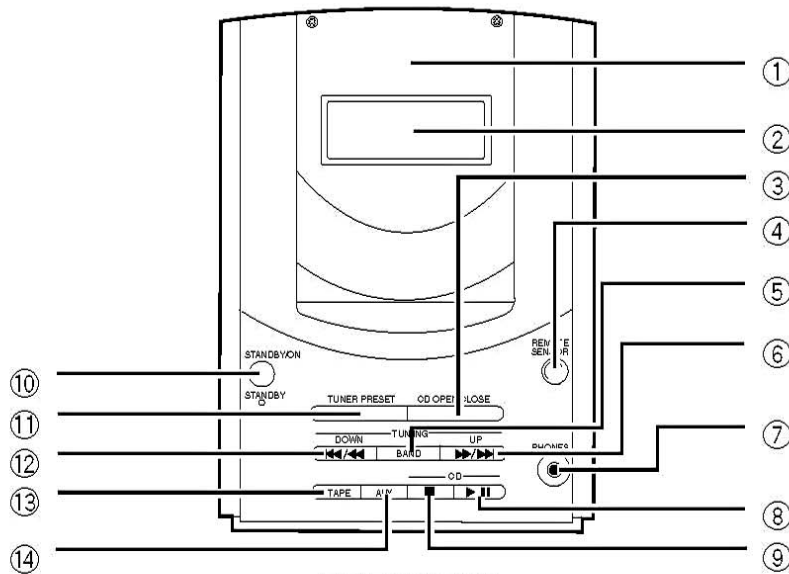
F MAINS POWER SUPPLY

Mains Supply

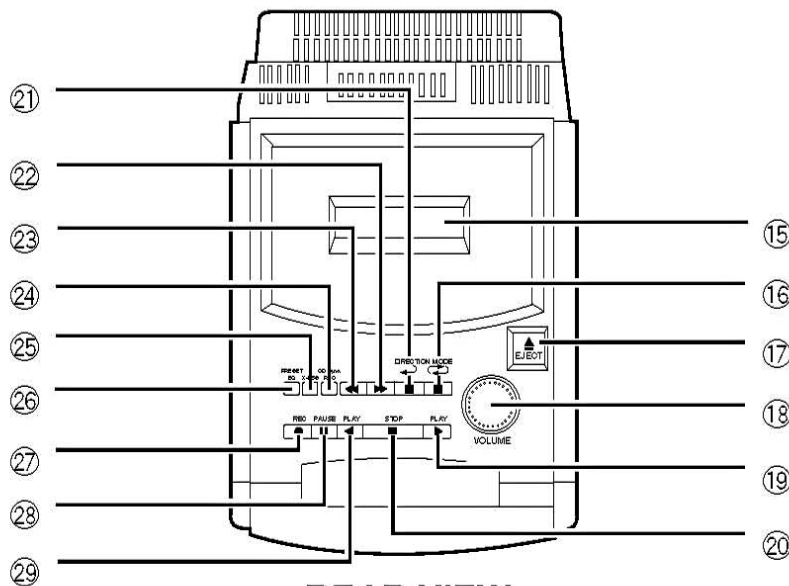


KEY TO ILLUSTRATIONS

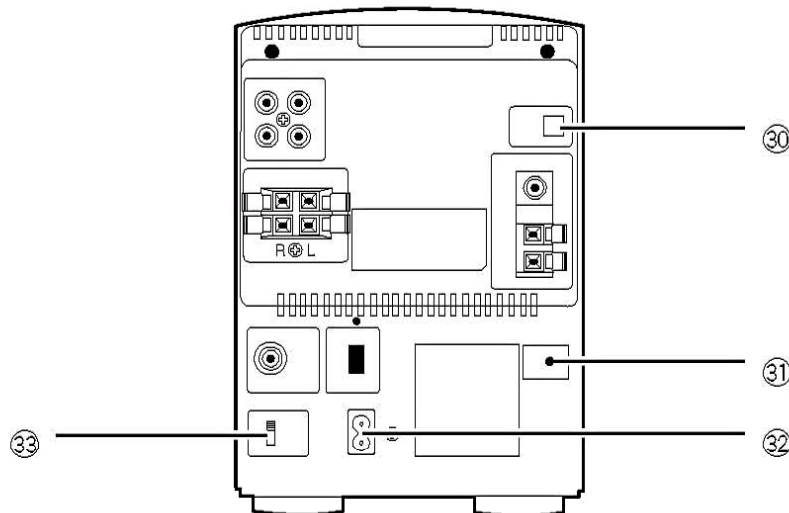
FRONT VIEW



TOP VIEW

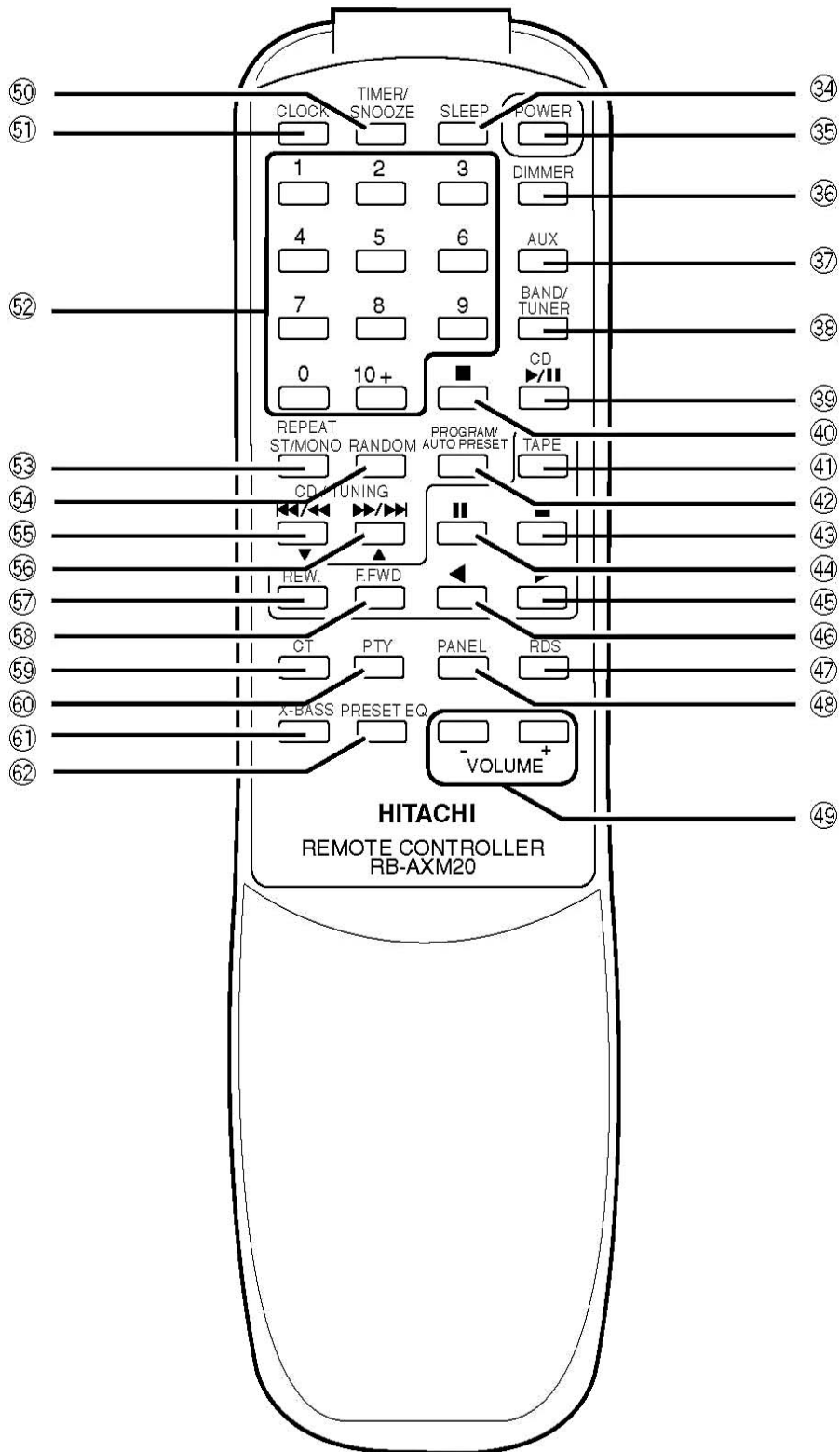


REAR VIEW



KEY TO ILLUSTRATIONS

REMOTE CONTROL



KEY TO ILLUSTRATIONS


GENERAL SECTION

- ② LCD Display
- ④ Remote Sensor
- ⑦ PHONES Jack
- ⑩ STANDBY/ON Button
- ⑭ AUX Button
- ⑱ VOLUME Control Knob
- ⑳ X-BASS Button
- ㉑ PRESET EQ. Button
- ㉓ DIGITAL OUT (OPTICAL)
- ㉔ RESET Button
- ㉕ AC Mains
- ㉖ BEAT CUT Switch

TUNER SECTION

- ⑤ BAND Selection Button
- ⑥ TUNING Up
- ⑪ TUNER PRESET Button
- ⑫ TUNING Down

CASSETTE DECK

- ⑬ TAPE Button
- ⑮ Cassette Door
- ⑯ Continuous Play Button 
- ⑰ Cassette Door EJECT Button ▲
- ⑲ Forward Play Button ►
- ⑳ STOP Button ■
- ㉑ Both Side Play Button ⇄
- ㉒ FAST FORWARD / REWIND Button ►►
- ㉓ REWIND / FAST FORWARD Button ◀◀
- ㉔ CD Sync. Record Button
- ㉕ RECORD Button ●
- ㉖ PAUSE Button ||
- ㉗ Reverse Play Button ◀

CD PLAYER SECTION

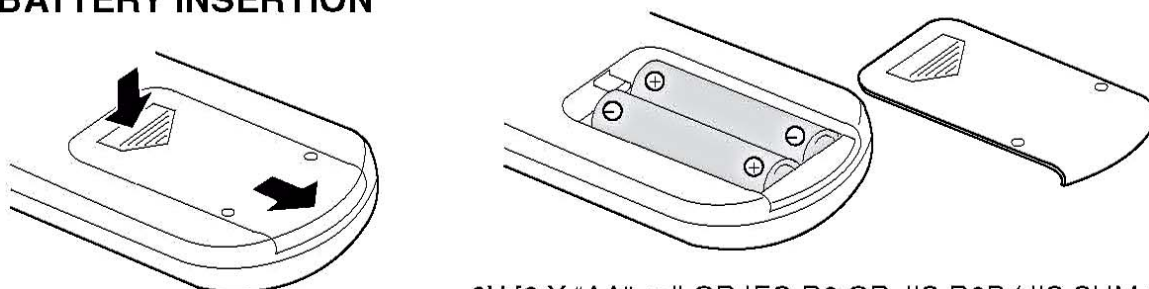
- ① CD Door
- ③ CD OPEN / CLOSE Button
- ⑥ FORWARD SEARCH / SKIP Button ►►/►►►
- ⑧ PLAY / PAUSE Button ►/||
- ⑨ STOP Button ■
- ⑫ BACK SEARCH / SKIP Button ◀◀◀/◀◀

REMOTE CONTROL

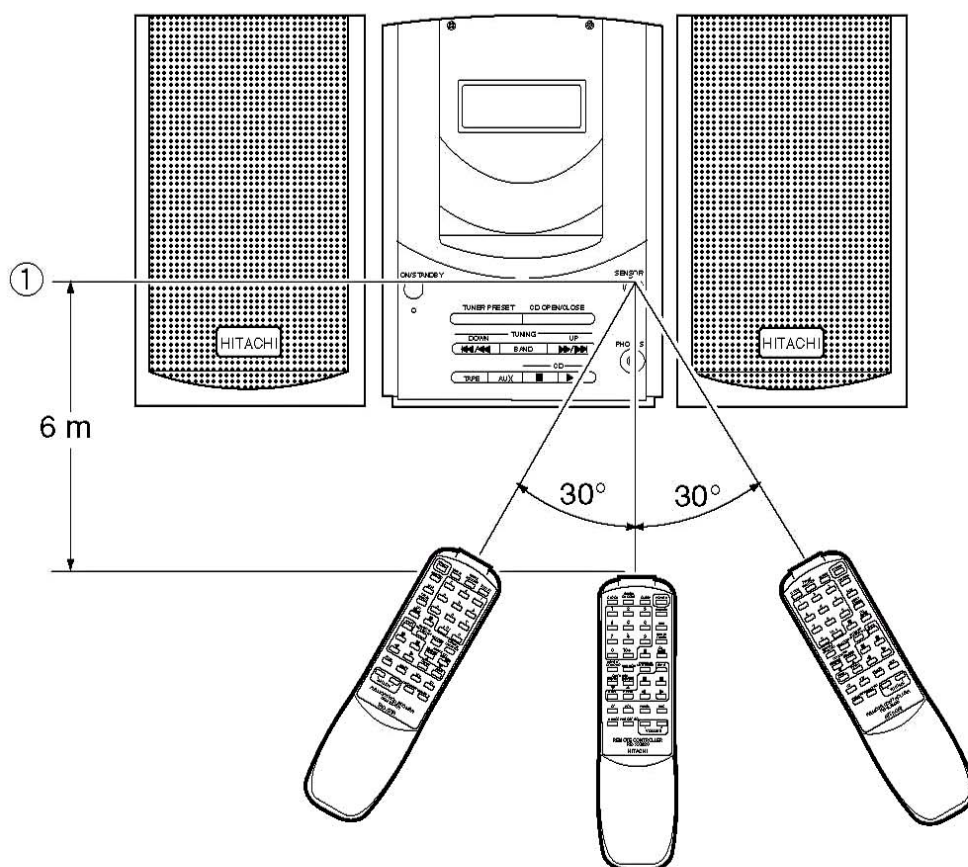
- ⑳ SLEEP Button
- ㉑ POWER Button
- ㉒ DIMMER Button
- ㉓ AUX Button
- ㉔ BAND / TUNER Button
- ㉕ CD PLAY / PAUSE Button ►/||
- ㉖ CD STOP Button ■
- ㉗ TAPE Button
- ㉘ PROGRAM / AUTO PRESET Button
- ㉙ TAPE STOP Button
- ㉚ TAPE PAUSE Button
- ㉛ TAPE FORWARD PLAY Button
- ㉜ TAPE REVERSE PLAY Button
- ㉝ RDS Button
- ㉞ PANEL Button
- ㉟ VOLUME Buttons (- / +)
- ㊱ TIMER / SNOOZE Button
- ㊲ CLOCK Button
- ㊳ Number 0-9, 10+ Buttons
- ㊴ REPEAT / STEREO / MONO Button
- ㊵ RANDOM Button
- ㊶ CD BACK SEARCH / SKIP Button ◀◀◀/◀◀ / TUNING DOWN ▼
- ㊷ CD FORWARD SEARCH / SKIP Button ►►►/►►► / TUNING UP ▲
- ㊸ TAPE REWIND Button
- ㊹ TAPE FAST FORWARD Button
- ㊺ CT Button
- ㊻ PTY Button
- ㊼ X-BASS Button
- ㊽ PRESET EQ. Button

USING REMOTE CONTROL

BATTERY INSERTION



3V [2 X "AA" cell OR IEC R6 OR JIS R6P (JIS SUM-3)]



1. Point the remote control at the remote sensor (①) when operating.
2. The remote control may not be effective in the strong day light.
3. Never get the remote control wet.
4. Replace the batteries when the performance of the remote control becomes unstable.

NOTES:

- Do not use new and old batteries or different kinds of batteries together.
- During radio listening (MW), if you operate the remote control extremely close to the sound system, some noise may be produced.

FUNCTION AND FEATURES

GENERAL SECTION

SWITCHING THE SYSTEM ON AND PUTTING IT INTO STANDBY MODE

- Switching ON : The STANDBY indicator goes off. The display window backlight lights up.
- Switching to STANDBY : The STANDBY indicator lights up. The display window backlight goes off and only the clock is indicated.





CLOCK AND TIMER

The player's programmable TIMER can be used to automatically start or stop playing any sound source or start recording from the radio at a predetermined time. (To set the TIMERS refer to pages 35-36)

Additionally, there is a SLEEP TIMER for automatically putting your set into low power mode if it is left idle for a preset time period. (Refer to page 35)

ONE TOUCH OPERATION (COMPU PLAY)

- Even when the power is set to STANDBY, pressing one of the buttons shown below will automatically turn on the sound system. A sound source is chosen, and play begins.

	Function mode	Operations
	CD	When this button is pressed with a CD loaded, CD playback begins.
	TUNER	When this button is pressed, the tuner is engaged.
	TAPE	When this button is pressed, the tape is engaged.
	AUX	A sound source connected to the LINE IN (AUX) terminal can be engaged.

- When the OPEN/CLOSE button is pressed, the CD door open/close however the sound source does not switch.

Note: When switching off the power, be sure to press the STANDBY/ON button.

VOLUME, X-BASS AND OTHER CONTROLS

- VOLUME buttons (using the remote control unit)
 - + : Use to increase the volume
 - : Use to decrease the volume

EXTRA BASS EFFECT

Pressing the X-BASS [25] Button alternates between Extra Bass ON and OFF. When X-Bass is ON, the X-BASS indicator will be visible on the LCD display.

ON : **X-BASS** indicator lights up. X-BASS sound is activated.

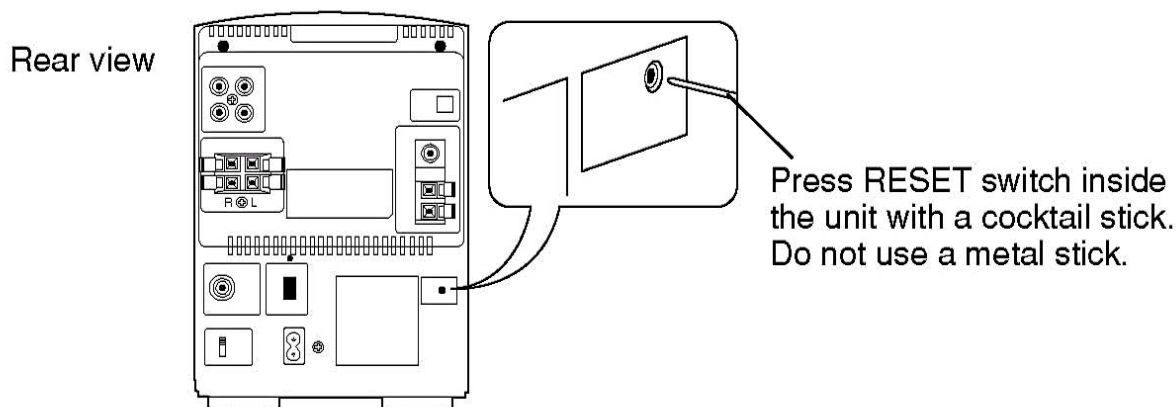
OFF : **X-BASS** indicator goes off. X-BASS sound is not activated.

- DIMMER Button (using the remote control unit)
When the power is switched on, pressing this button dims the display window's backlight. When the button is pressed again, the display window returns to its normal brightness.
- PRESET EQ Button
 - POPS : More presence in the vocals and midrange
 - ROCK : Powerful sound emphasizing treble and bass
 - CLASSIC : Enriched sound with heavy bass and fine treble
 - JAZZ : Accented lower frequencies for jazz-type music
 - FLAT : Natural sound

RESET

If operations or the display malfunctions:

Many functions of this unit are controlled by microprocessors which are vulnerable to electromagnetic interference. To restore your systems functions in such an event, make sure the unit in standby mode and then press the reset switch. You will also have to preset your radio stations again because pressing the reset switch clears the preset stations.



TUNER SECTION

TUNER AERIALS

- For FM, connect the provided FM feeder antenna (see page 7).
- For MW, adjust the position of AM loop antenna (see page 7).

A. STEREO/MONO button (using the remote control unit)

- Auto mode:

When listening to an FM stereo broadcast, set the unit to this mode by pressing the ST/MONO button. The STEREO indicator lights up when the FM stereo broadcast is received.

- Mono mode:

When the FM stereo reception is weak or noisy, set the unit to MONO MODE by pressing the ST/MONO button.

- Seek tuning:

Press and hold the UP or DOWN button for one second or more. The unit enters the seek tuning mode to automatically tune in the nearest station, so the broadcast can be heard.

- Manual tuning:

Each time the UP or DOWN button is pressed, the unit steps through the current frequency band.

Note:

- When seek tuning to the required station is not possible because the broadcast signal is too weak, press the UP or DOWN button momentarily to perform manual tuning.
- When the unit is set to STANDBY, or another mode (CD or AUX) is selected, the last tuned frequency is stored in memory. When the power is switched on again and BAND button is pressed, the same station will be turned to.

B. Auto preset tuning (using the remote control unit)

This will automatically store any broadcasting stations with strong signals into the memory (Max. 10 for FM and 10 for MW)

- Press the AUTO PRESET button for more than 2 seconds. The frequencies of stations' broadcasting signals can be stored in memory automatically in the order of increasing frequency.

C. Presetting stations (using the remote control unit)

A total of 20 FM or MW stations can be memorized.

Notes:

- The previous stored station is erased when a new station is stored, because the new station's frequency replaces the previous frequency in memory.
- When listening to a MW broadcast, noise may be heard if the remote control unit is used.
- All preset stations will be erased when the power cord is disconnected or a power failure occurs. In such cases, store the stations again.

D. If you hear beat noise while recording from an MW station, flip the beat cut switch to reduce the noise.

E. Frequency step of MW band

To tune to your local MW station, you can select either 9 kHz or 10 kHz as the frequency step. By default, the factory setting for the unit's step is 9 kHz.

To switch to the required frequency step:

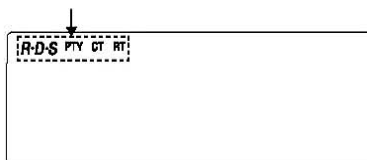
- 1) Make sure the unit is in TUNER MODE and the band set to MW.
- 2) To select 9 kHz frequency step - press and hold the BAND button while pressing the ►►/►► button.
- 3) To select 10 kHz frequency step - press and hold the BAND button while pressing the ◀◀/◀◀ button.

The frequency step that you have set will be in effect until either step 2 or 3 is performed again.

F. RDS Button (using the remote control unit)

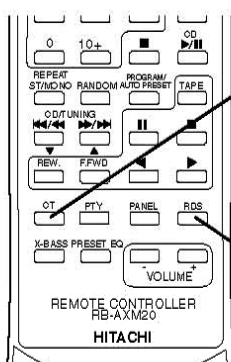
Use this button to automatically tune to stations using the radio data system. There are program type identification (PTY), clock time (CT) and radio text (RT) functions.

DISPLAY



- RDS (Radio Data System) When the RDS button is pressed, the system searches for a station and automatically tunes it in. The "RDS" indicator lights up and the station's name is displayed on the display.
- PTY (Program Type) This indicator lights up when the type of RDS program is specified.
- RT (Radio Text) This lights when in RT mode and the RT message is displayed.

REMOTE CONTROL



CT button

Use this to correct the time of the clock on the AX-M20. Press this button when the time service of an RDS station is received correctly. "CT ON" is displayed for 2 seconds and the AX-M20's clock is corrected. Press the CT button twice, and "CT OFF" is displayed.

※ The clock can be adjusted manually in "CT OFF" mode.

RDS button

Automatically tunes to stations using the radio data system.

PTY button

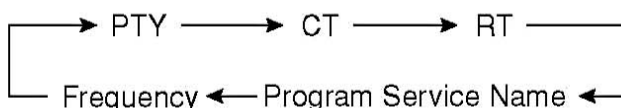
After selecting "PTY" with the RDS button, Press the PTY Button to select one of the 16 program types.

PANEL button

When receiving an RDS broadcast, press the PANEL Button to switch between the frequency, PTY, RT or CT display.

Note that this button will not function if the reception is poor.

Each time the button is pressed, the display mode changes as follows:



CD PLAYER SECTION

The ►►/►► [6] and ◀◀/◀◀ [12] buttons have several functions:

- At any time, press ►►/►► [6] to skip to the next track. Press repeatedly to skip multiple tracks.
- Pressing ◀◀/◀◀ [12] **during play** returns to the beginning of the current track. Press it again to skip to the previous track. (**In STOP mode**, ◀◀/◀◀ [12] skips to previous tracks immediately)
- **Pressing and Holding** either ►►/►► [6] or ◀◀/◀◀ [12] buttons **during play** initiates the forward or backward search functions.

CASSETTE TAPE SUBSYSTEM

- You may switch recording or playback to either side of a cassette without removing it. If the cassette is inserted SIDE A up, FORWARD PLAY ► [19] will play SIDE A and REVERSE PLAY ◀ [29] will play SIDE B.
- Use the FAST FORWARD / REWIND ►► [22] or REWIND / FAST FORWARD ◀◀ [23] buttons to rapidly advance or rewind the tape.
- Press the PAUSE || [28] button to temporarily halt the tape during playback or recording. Press it again to exit PAUSE mode.
- The STOP ■ [20] button shuts off the cassette tape operation.
- To insert or remove a cassette, use the EJECT ▲ [17] button.
- Do not press EJECT ▲ [17] button while the tape is playing. If this happens, press the STOP ■ [20] button and then press the EJECT ▲ [17] button.
- It is advisable to press the STOP ■ [20] button first, before change function to CD, tuner or AUX.

Use only NORMAL tapes in the cassette deck of this sound system. The characteristics of the cassette deck mechanisms do not match other types of tape.

TROUBLESHOOTING

	Symptom	Possible Explanation
Power Problems	No AC Power	<ul style="list-style-type: none"> The power cord is loose
General Operations	The set functions incorrectly even though you press the proper operation buttons	<ul style="list-style-type: none"> Unplug the power cord then reattach it and try the operation again.
Tape Deck	Cassette cannot be inserted No recording Sound deterioration or irregular tape speed	<ul style="list-style-type: none"> Make sure the cassette is seated properly in the holder The erasure prevention tabs have been broken off. Cover them with tape. Clean tape head, capstan and pressure roller with a cotton swab
CD Player	Disc does not play Player does not operate correctly; sound is interrupted; noise occurs and tracks cannot be selected. Player does not operate normally when control buttons are pressed.	<ul style="list-style-type: none"> The disc is loaded oppositely The disc is scratched or warped The disc is dirty. Clean it with a soft cloth Press the STOP button then play the disc again

SPECIFICATIONS

TUNER SECTION

Frequency Range	FM : 87.5 – 108 MHz (50 kHz step) MW : 522 – 1611 kHz (9 kHz step) : 520 – 1710 kHz (10 kHz step)
Antennas	FM: FM feeder antenna MW: AM loop antenna

CD PLAYER SECTION

Sampling Frequency	: 44.1 kHz : 1 bit D/A convertor
--------------------	-------------------------------------

This unit can be connected to another recorder with the optical digital output terminals on the back panel for digital recordings

TAPE SECTION

Type	: 4 Tracks, 2 Channels, Stereo auto reverse cassette recorder
Mechanism Type	: Logic control deck mechanism
Tape Speed	: 4.75 cm/s
Recording System	: AC bias with ALC
Erase System	: AC
Frequency Response	: 100 ~ 8,000 Hz

TIMER SECTION

System	: Digital Quartz clock
Display Format	: 24-hour cycle

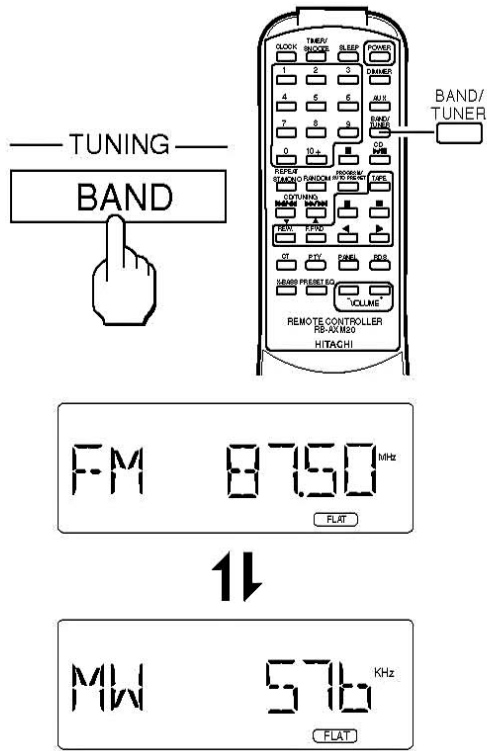
GENERAL SPECIFICATION

Power Requirements	: AC 230 V, 50 Hz
Power Consumption	: 33 W in AC operation
Speakers	: Main: 10cm (4 in.) dia., Tweeter: 2.5cm (1 in.)
Power Output	: 12.5 W + 12.5 W
Outputs	: Headphones jack (stereo 3.5mm) Impedance: 16 - 68 ohms : Optical Digital Output
Dimensions	: Main Unit: 165 (W) X 232 (H) X 280 (D) mm : Speaker Unit: 140 (W) X 230 (H) X 172 (D) mm
Weight	: Main Unit: Approx. 3.9 kg : Speaker Unit: Approx. 1.6 kg/piece
Accessories Supplied	: AC power cord (1) : Remote Control Unit (1) : FM antenna (1) : Loop antenna (1) : Speaker Cord (2)

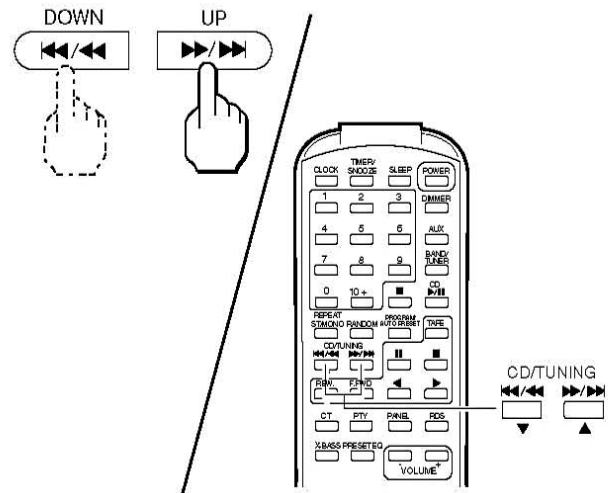
Specifications are subject to change for performance improvement without notice.

LISTEN TO THE RADIO

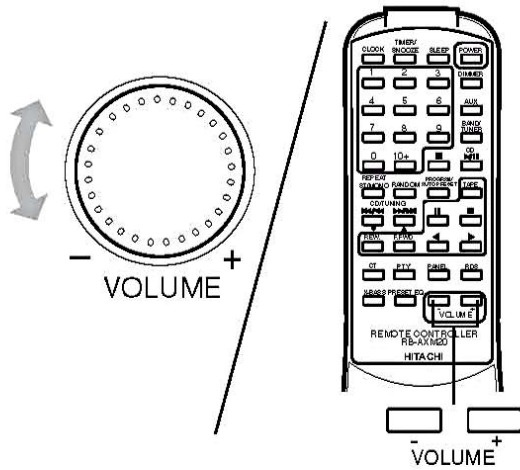
1



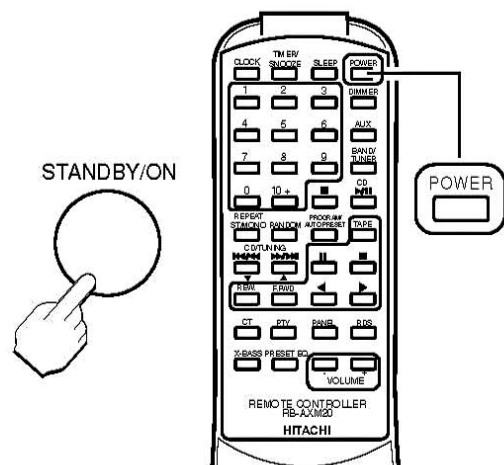
2



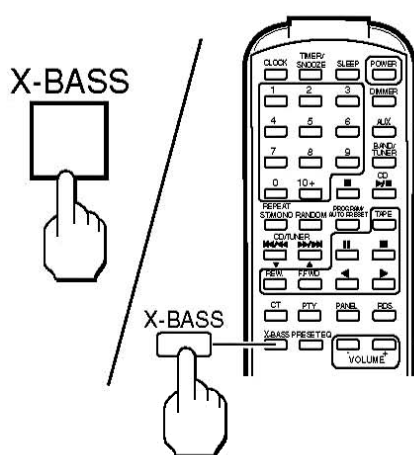
3



5



4



PRESETTING RADIO STATIONS

1

3

2

4

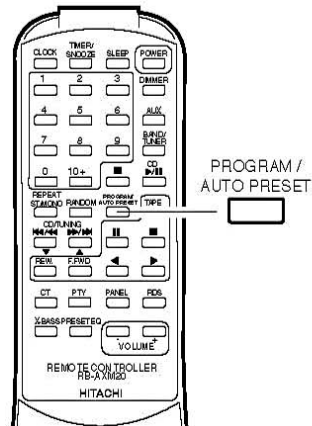
5

6

Repeat step 2-4 to program other channel

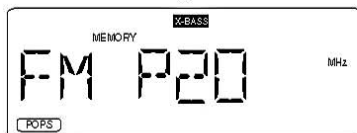
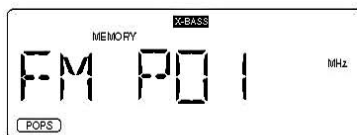
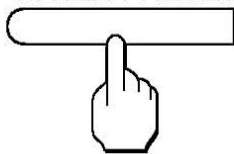
AUTO PRESETTING RADIO STATIONS

Press and hold for more than 2 seconds

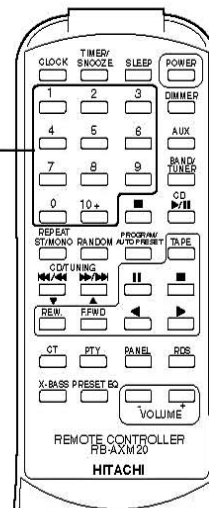


RECALLING PRESET STATIONS

TUNER PRESET



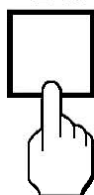
0-9, 10+



SOUND MODES

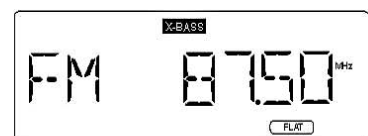
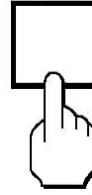
1

PRESET EQ



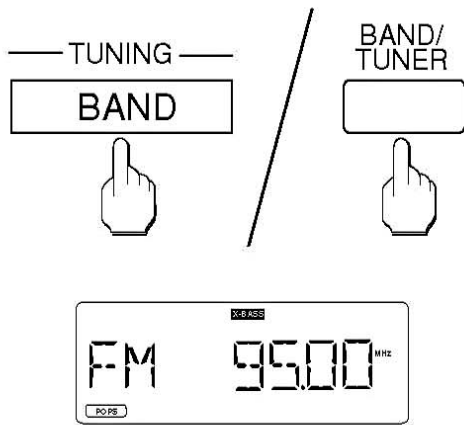
2

X-BASS

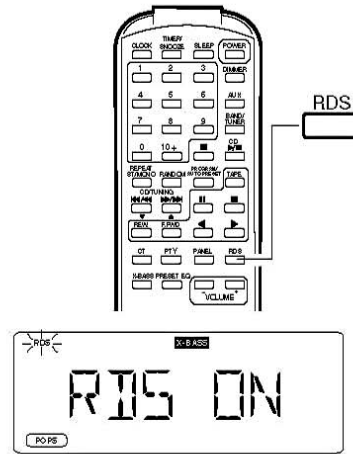


RECEIVING RDS BROADCASTS

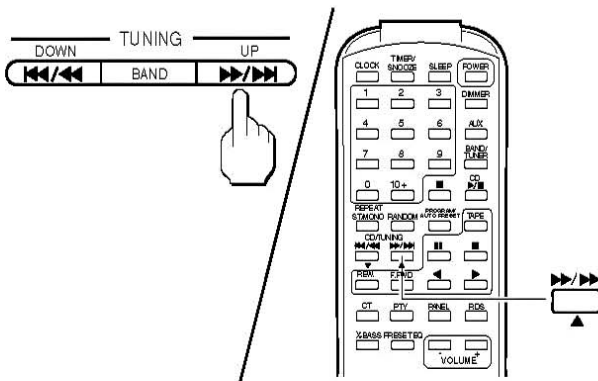
1



2

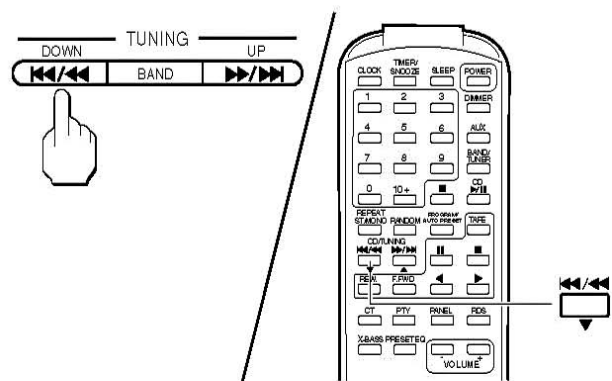


3a During seek tuning (Frequency UP tuning)



To stop seek function halfway, press UP button.

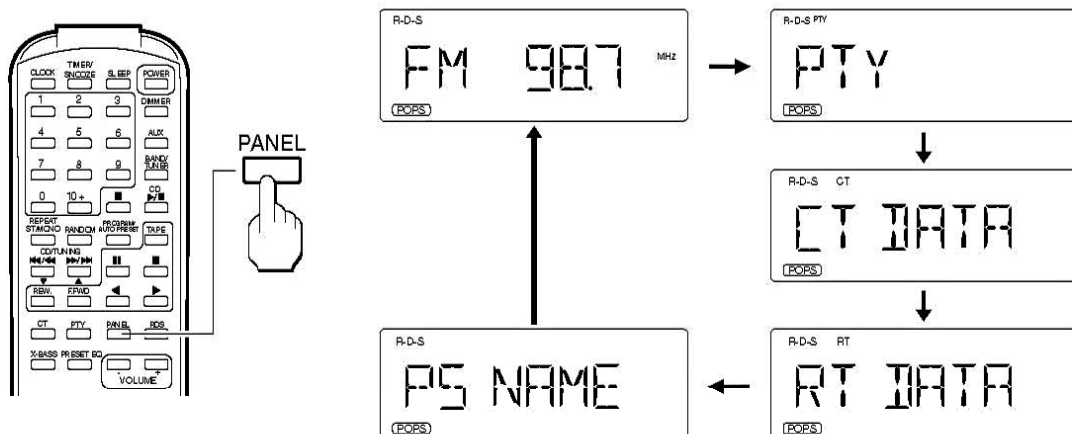
3b During seek tuning (Frequency DOWN tuning)



To stop seek function halfway, press DOWN button.

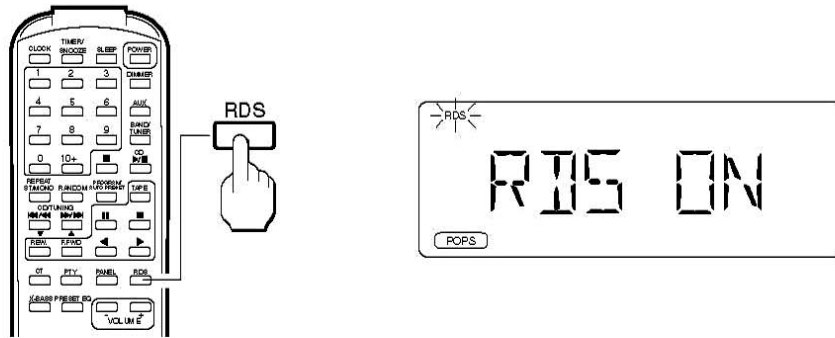
4 To receive the next station, repeat step 3.

5

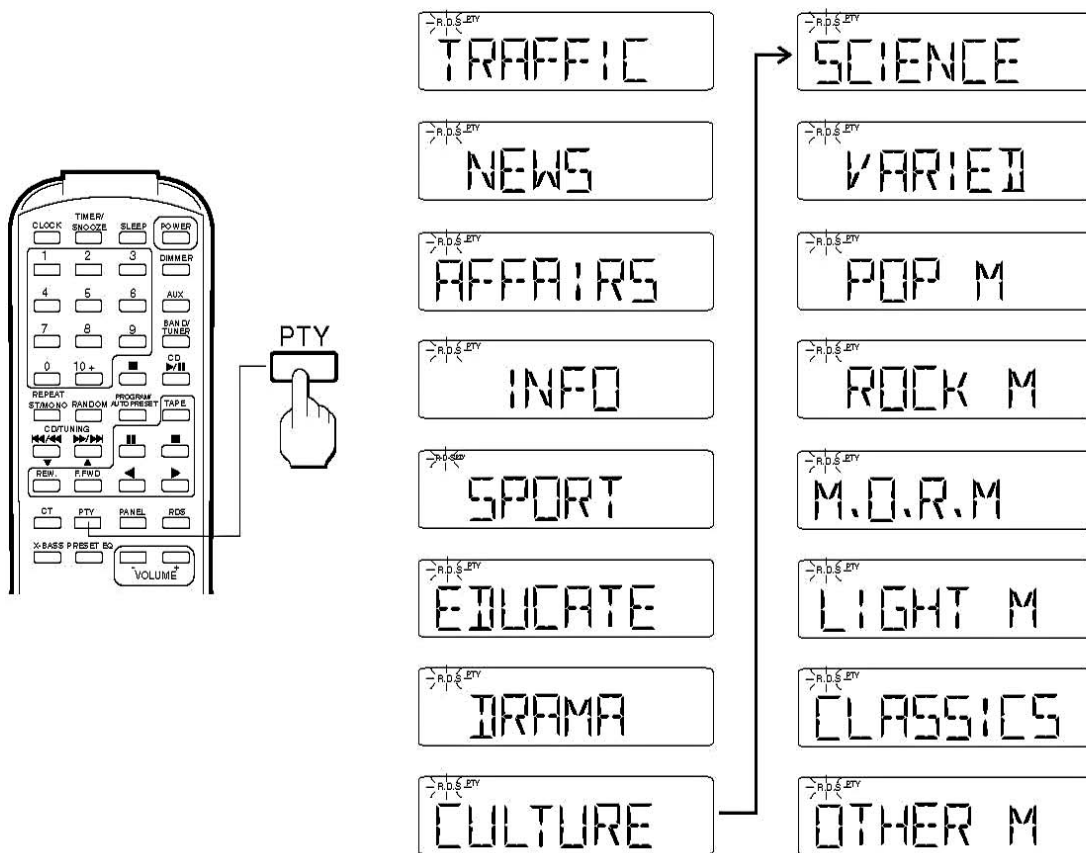


PTY SEARCH

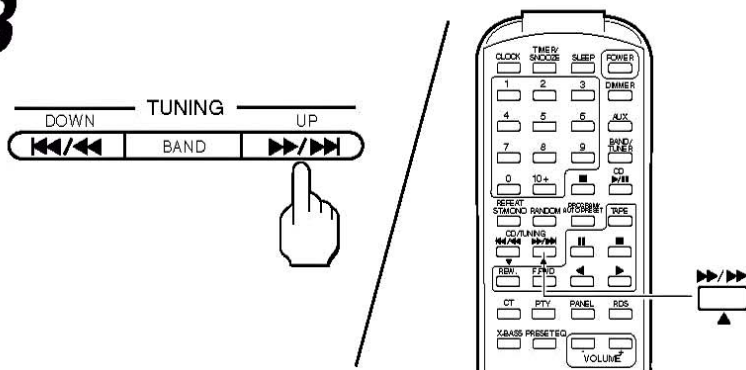
1



2



3



Only the UP button can be used.

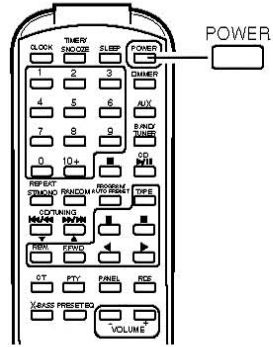
4

To receive the next station, repeat steps 2-3.

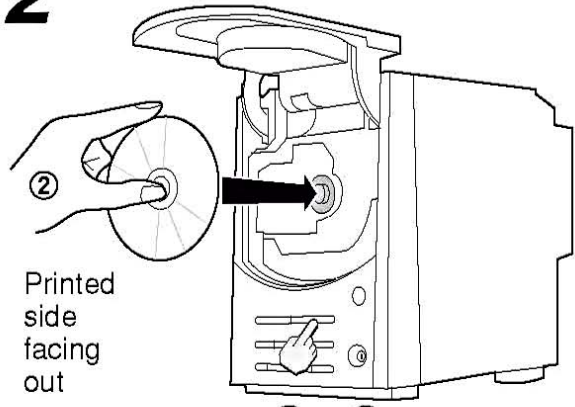
PLAYING CDs

1

STANDBY/ON



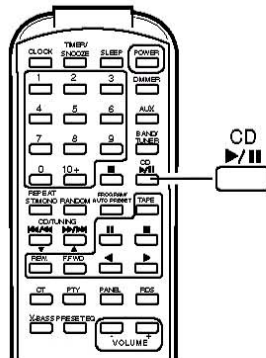
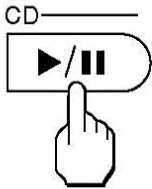
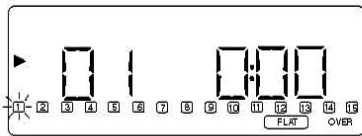
2



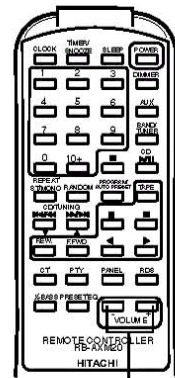
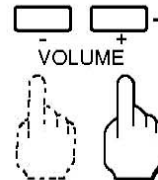
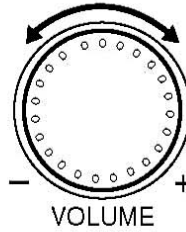
Printed side facing out

① ③
Open Close

3

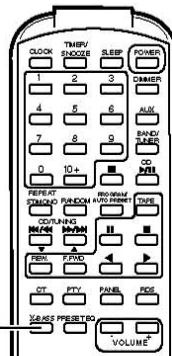
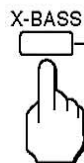
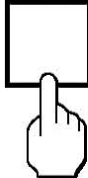


4



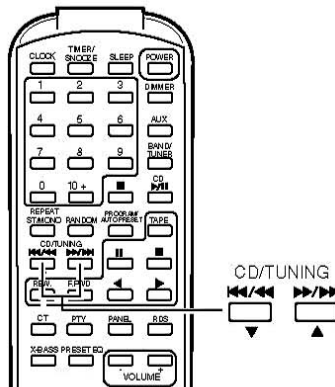
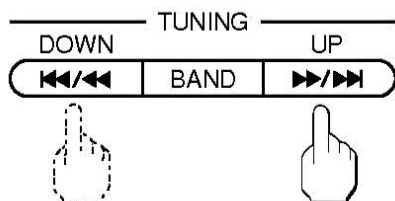
5

X-BASS

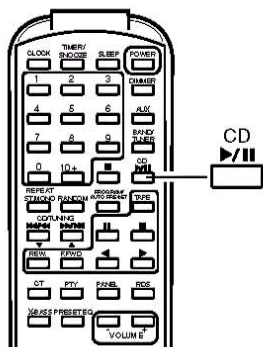
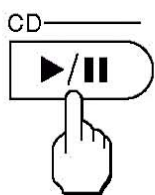


PLAYING CDs - continued

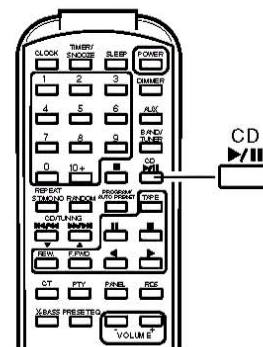
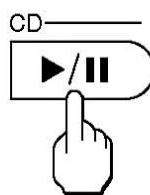
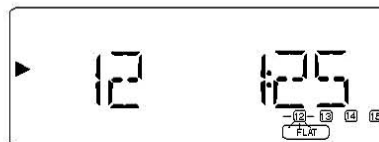
6



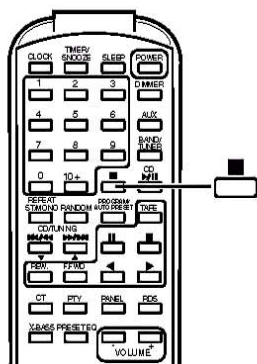
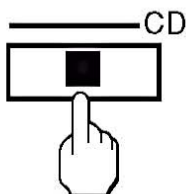
7 To pause



8 Resume play

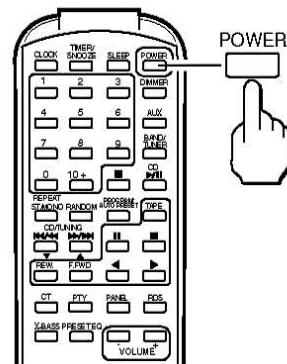


9



10

STANDBY/ON



PROGRAMMING CD TRACKS

You may store at most 20 tracks in the memory in the desired sequence. You may store any track more than once. When playing, you will only hear the stored titles in the selected sequence.

1 Make sure it is in stop mode

2

3

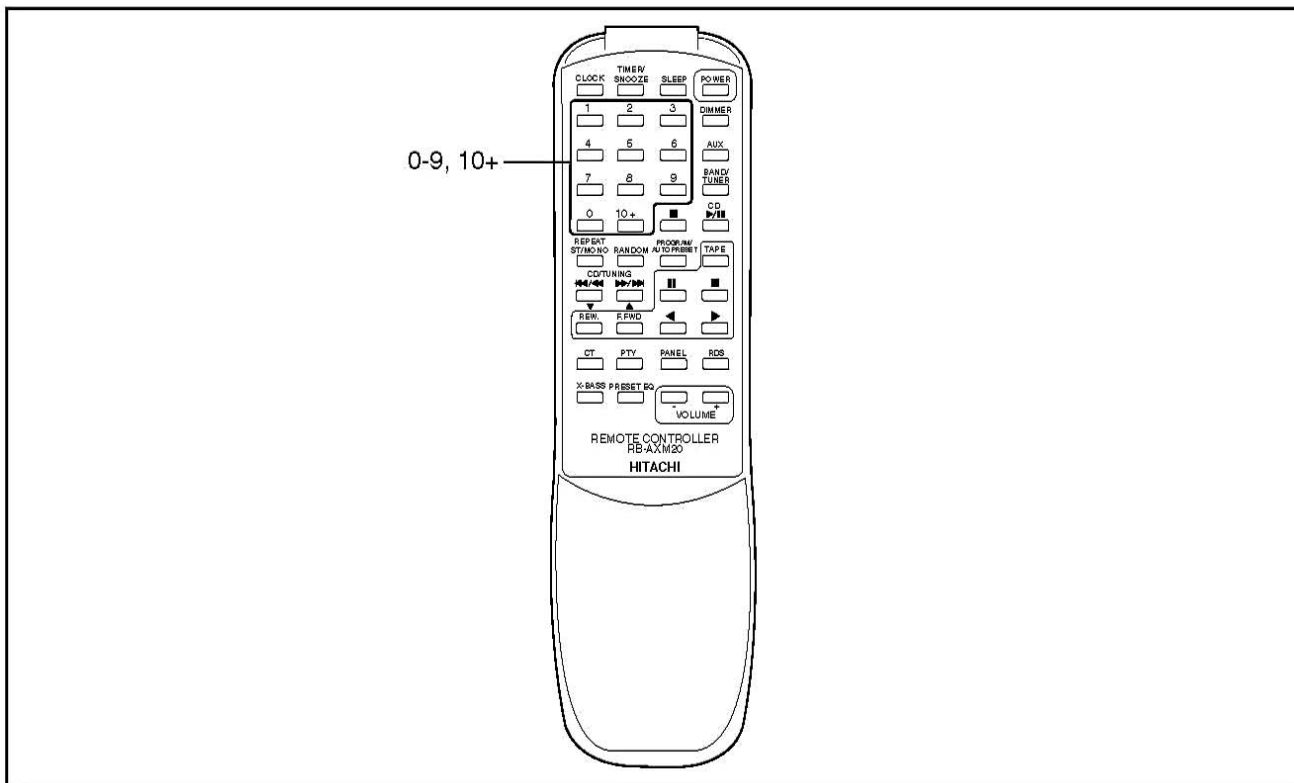
4

5

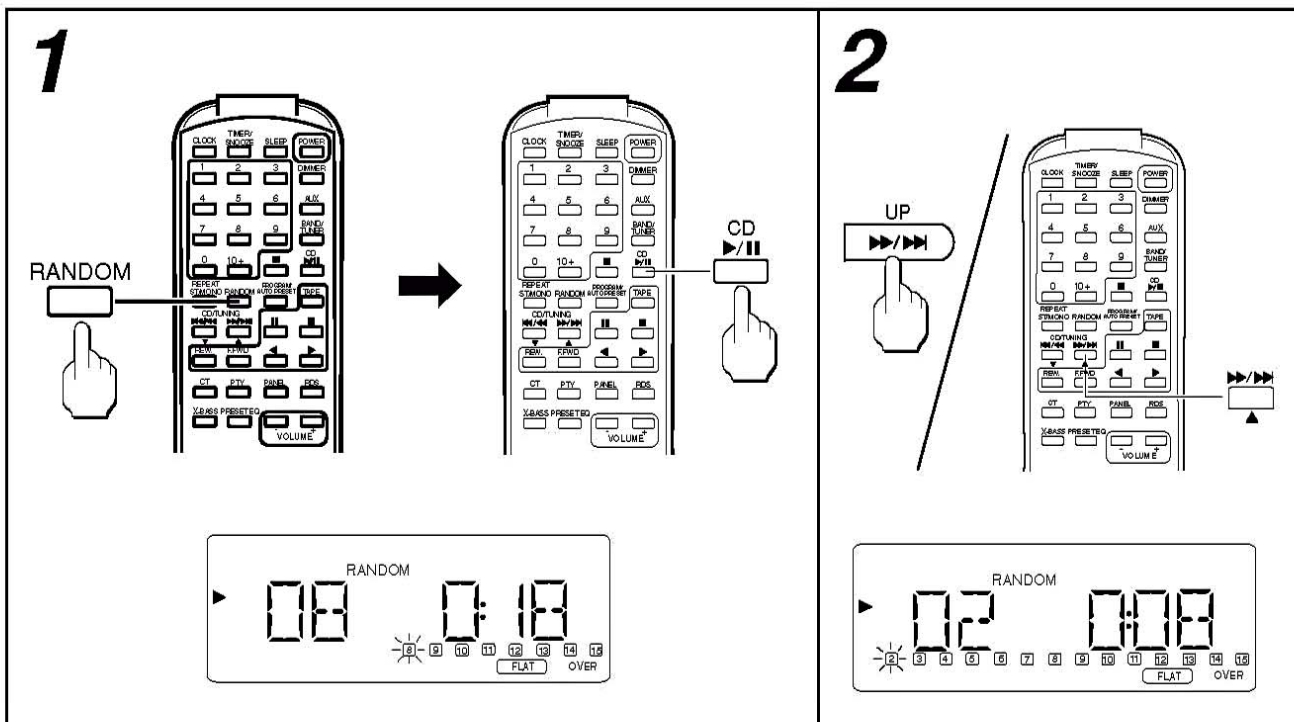
6 Clear program

Open

DIRECT ACCESS CD PLAY

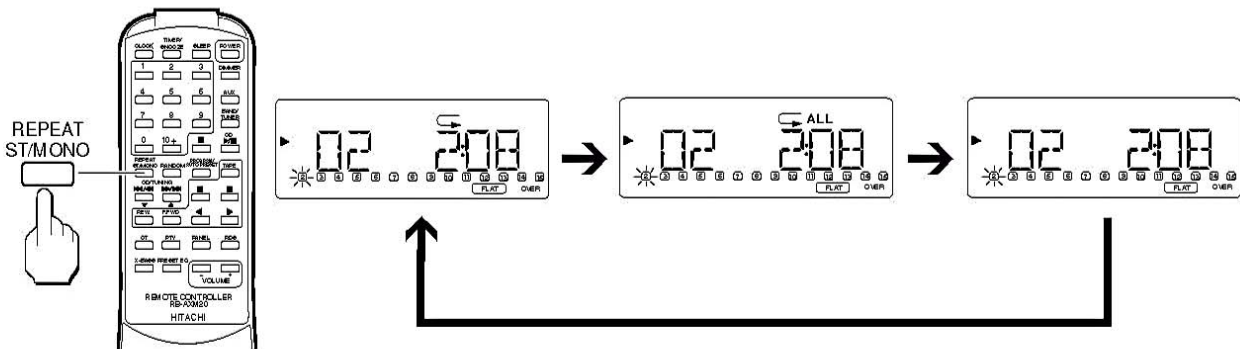


RANDOM CD PLAY (REMOTE CONTROL ONLY)



REPEAT CD PLAY

- You can repeat playback for 1 track or all tracks on a disc.

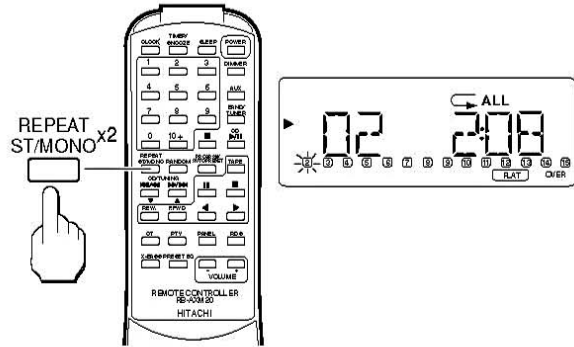
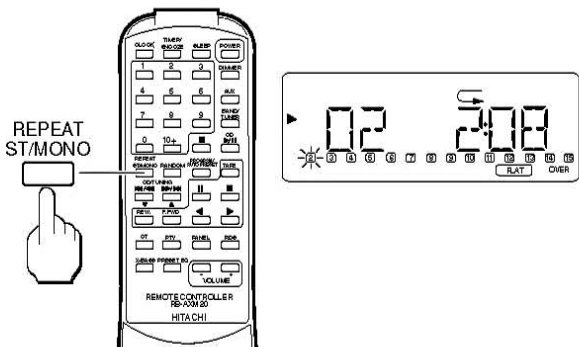


Repeat 1 track

Repeat all tracks

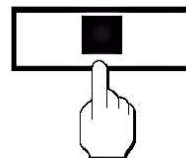
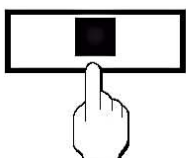
1

1



2

2



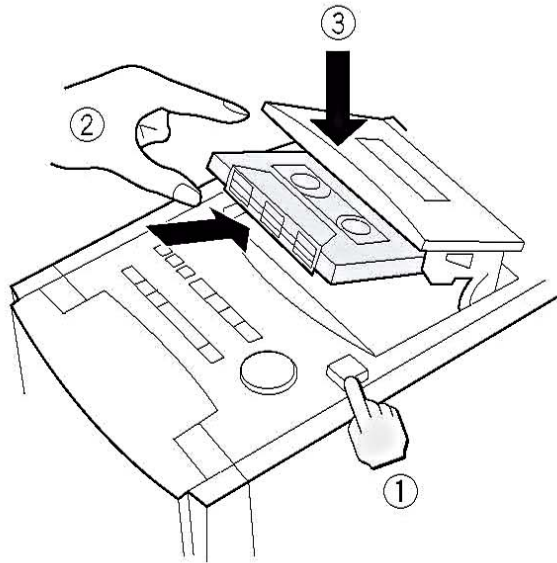
PLAYING TAPES

1

STANDBY/ON



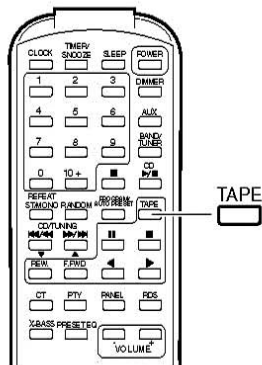
2



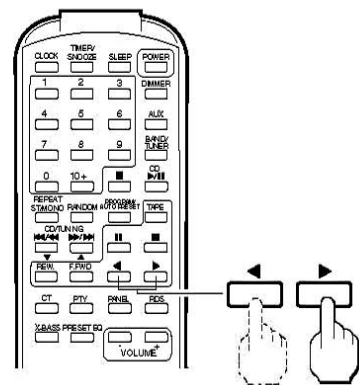
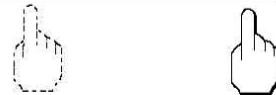
3



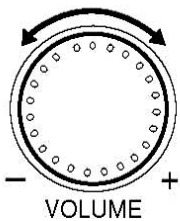
TAPE



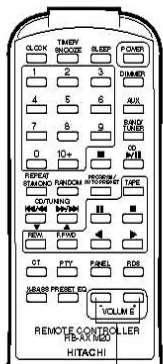
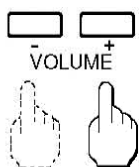
4



5

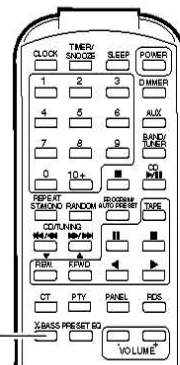
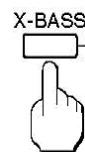
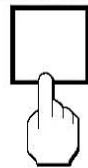


VOLUME



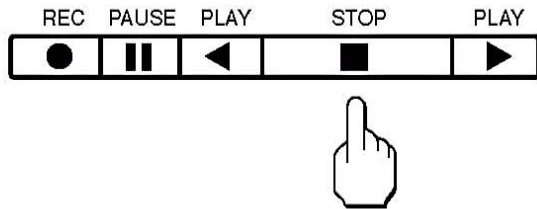
6

X-BASS

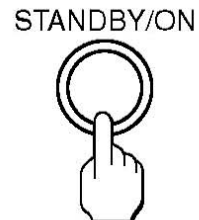


PLAYING TAPES (Cont'd)

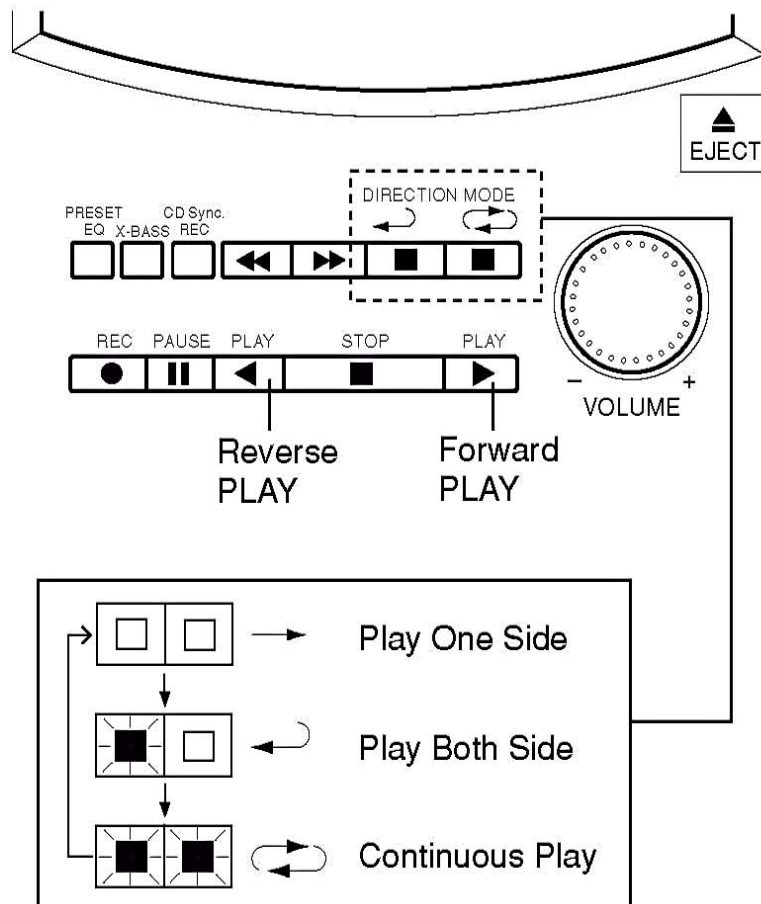
7



8



PLAY FEATURES



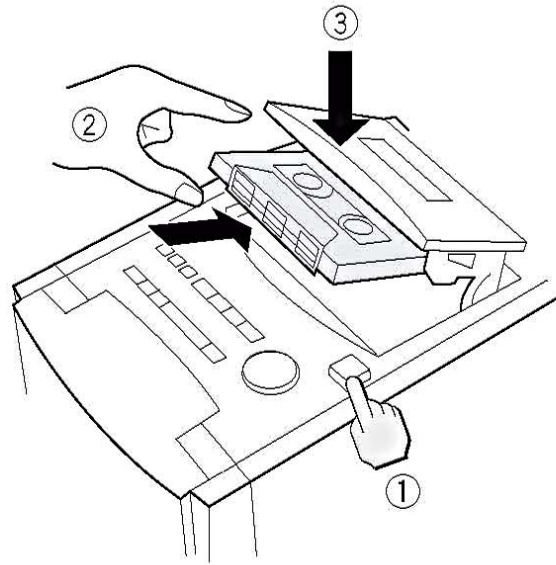
RECORDING FROM THE RADIO

1

STANDBY/ON

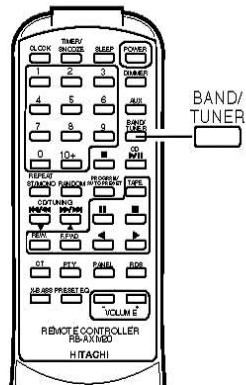


2



3

TUNING
BAND



FM ⇌ MW

4

REC PAUSE PLAY STOP PLAY



5

REC PAUSE PLAY STOP PLAY



Record on Side A / B

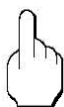
6

REC PAUSE PLAY STOP PLAY



7

REC PAUSE PLAY STOP PLAY

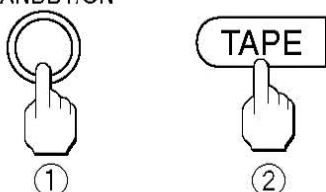
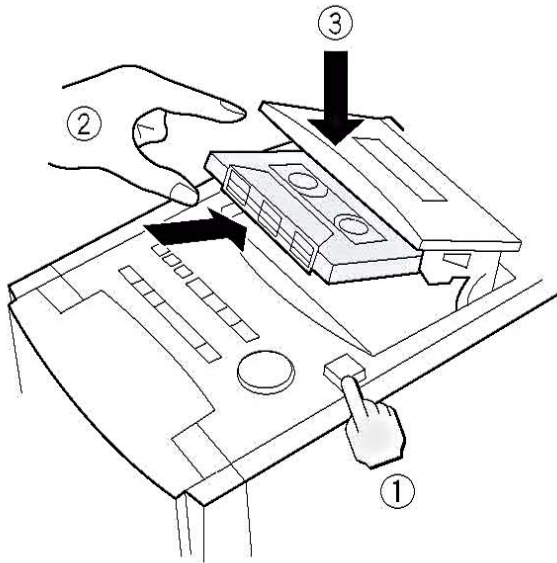
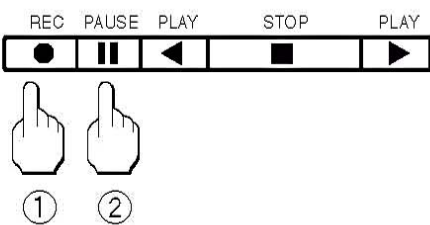
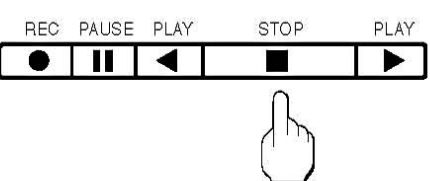


8

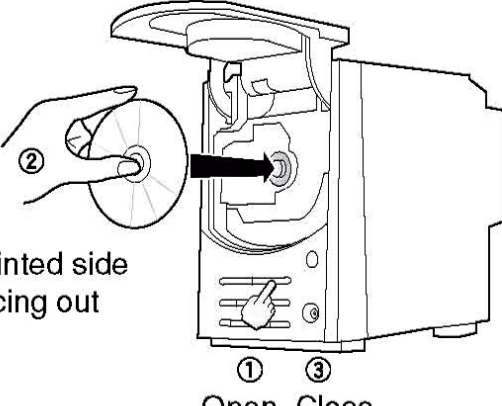
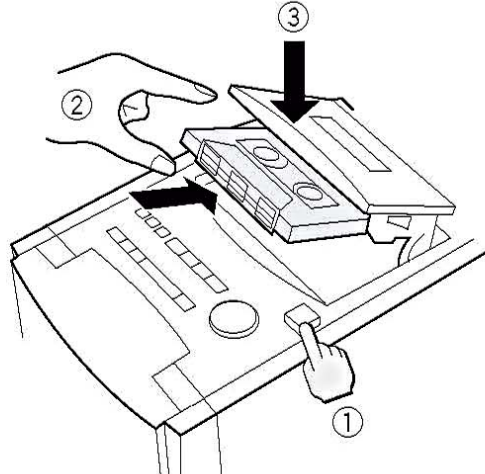
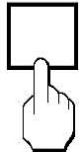
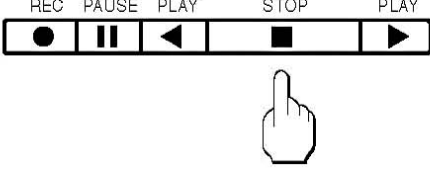
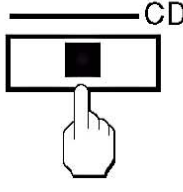
STANDBY/ON



TAPE ERASING

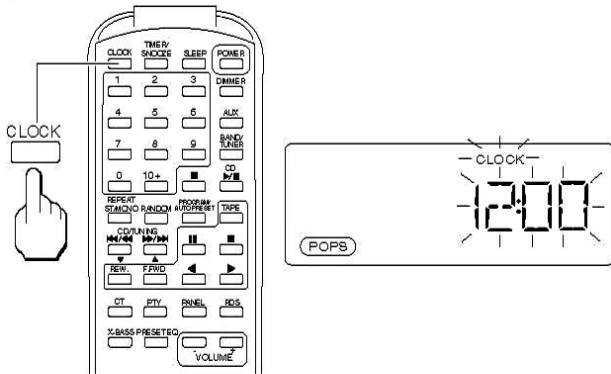
<p>1 STANDBY/ON</p> 	<p>2</p> 
<p>3</p> 	
<p>4</p> 	

CD SYNCHRONIZED RECORDING

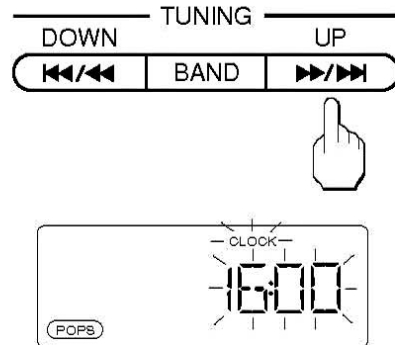
<p>1 Make sure it is at the CD mode</p>  <p>Printed side facing out</p> <p>① ③ Open Close</p>	<p>2</p> 	
<p>3 CD Sync. REC</p> 	<p>4</p> 	<p>5</p> 
<p>• Do not press CD Sync. REC during Tuner or AUX function.</p>		

SETTING THE CLOCK

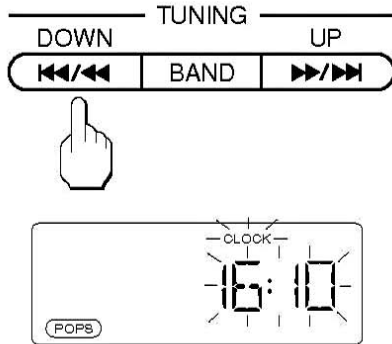
1 Press and hold for more than 1 second



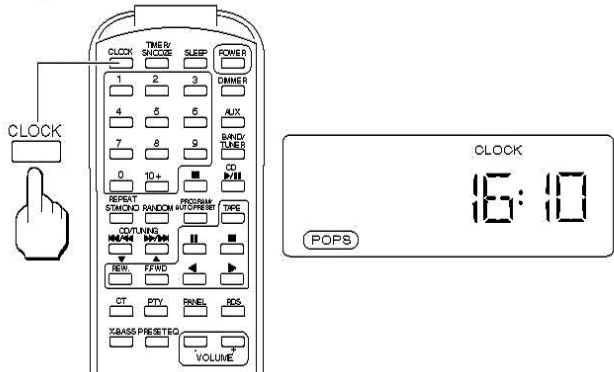
2 Setting hour



3 Setting minute



4



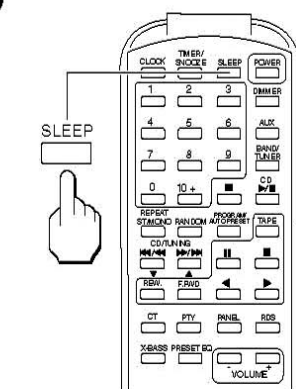
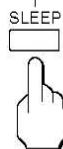
SETTING THE SLEEP TIMER

1

STANDBY/ON



2

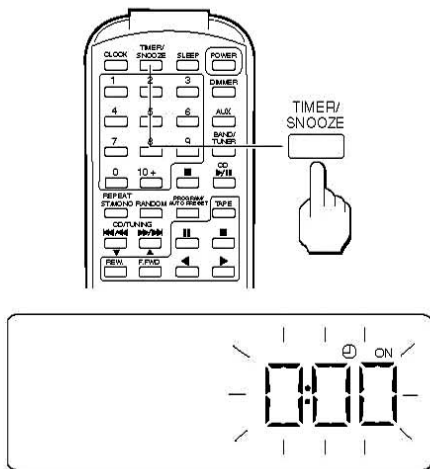


3



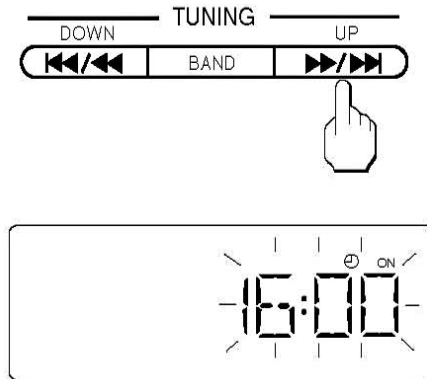
SETTING THE START/STOP TIMER

1



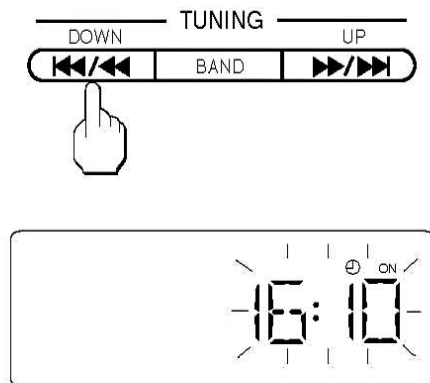
2

Setting hour



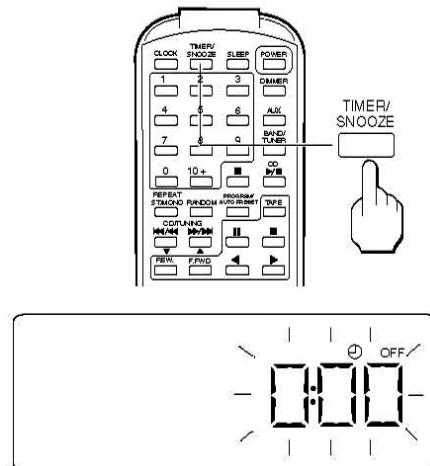
3

Setting minute

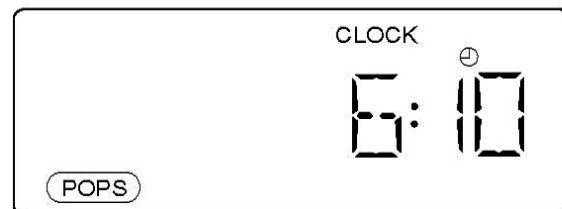
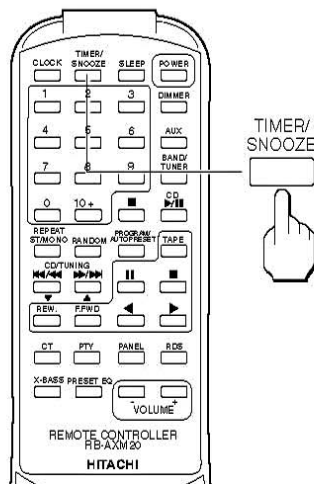


4

Repeat Steps 2-3 to set the STOP timer.

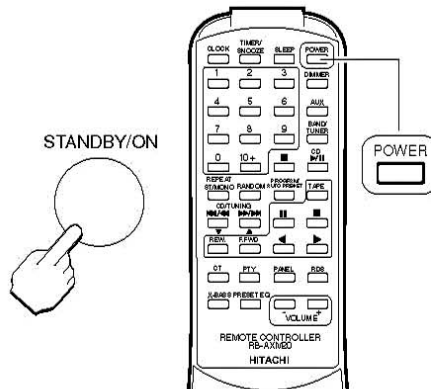


5



TIMER PLAYBACK

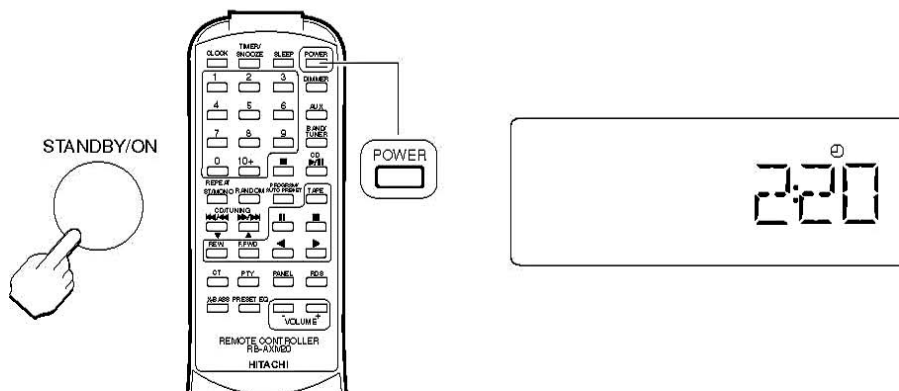
1 ON



2

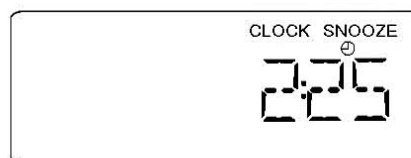
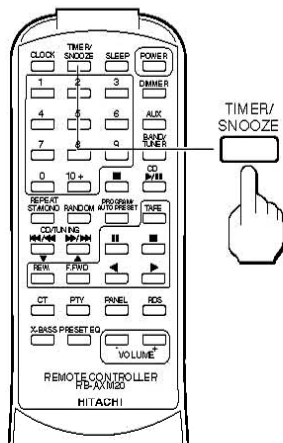
Sound source	Timer Mode	Operations
Sound source	CD	Load a CD
Sound source	TUNER	Tune in a station
Sound source	AUX	Press AUX

3



• To set the START/STOP TIMER see page 36

• To get extra 5 minutes of sleep ... (will snooze for another 5 minutes)

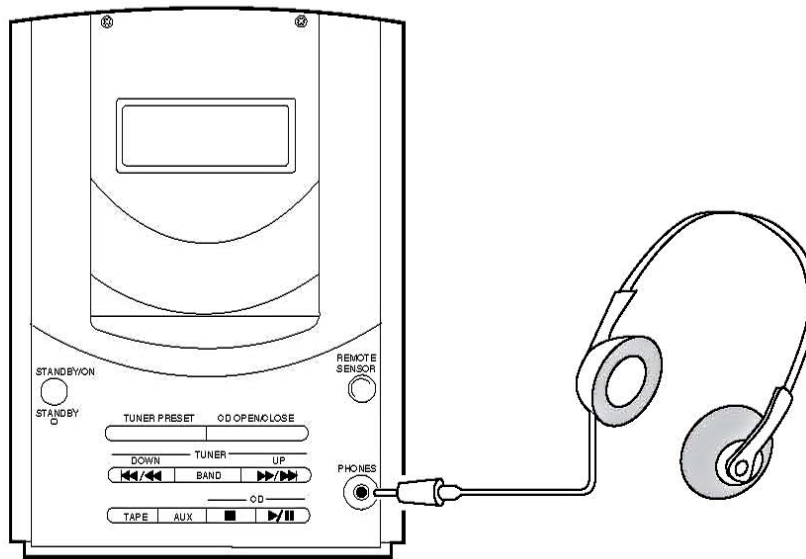


During timer playback, user can get extra 5 minutes of sleep (5 minutes in standby mode) by pressing TIMER/SNOOZE button.

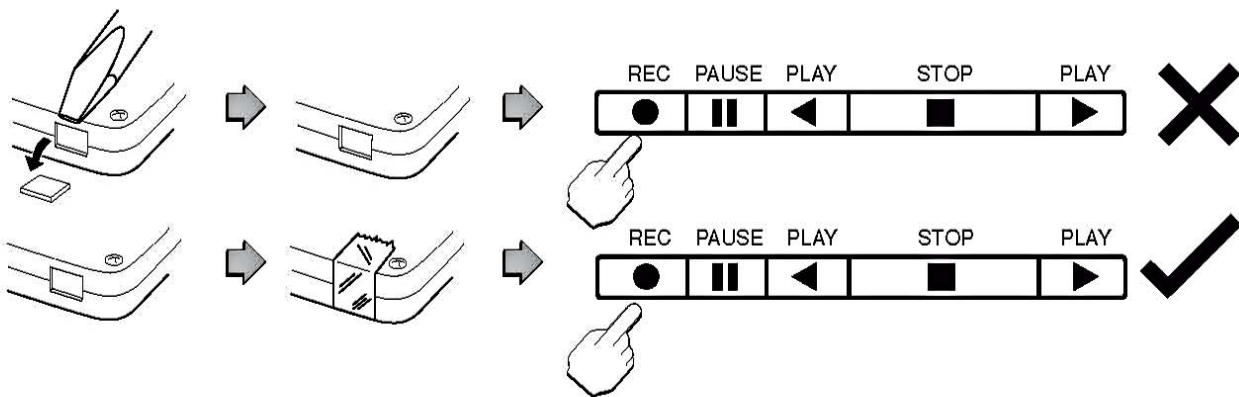
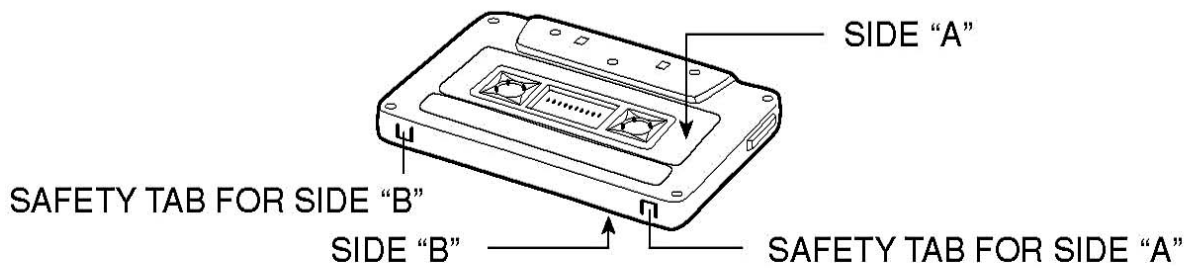
Note: In order for the snooze function to operate, the timer on/off interval setting has to be more than 5 minutes.

USING HEADPHONES

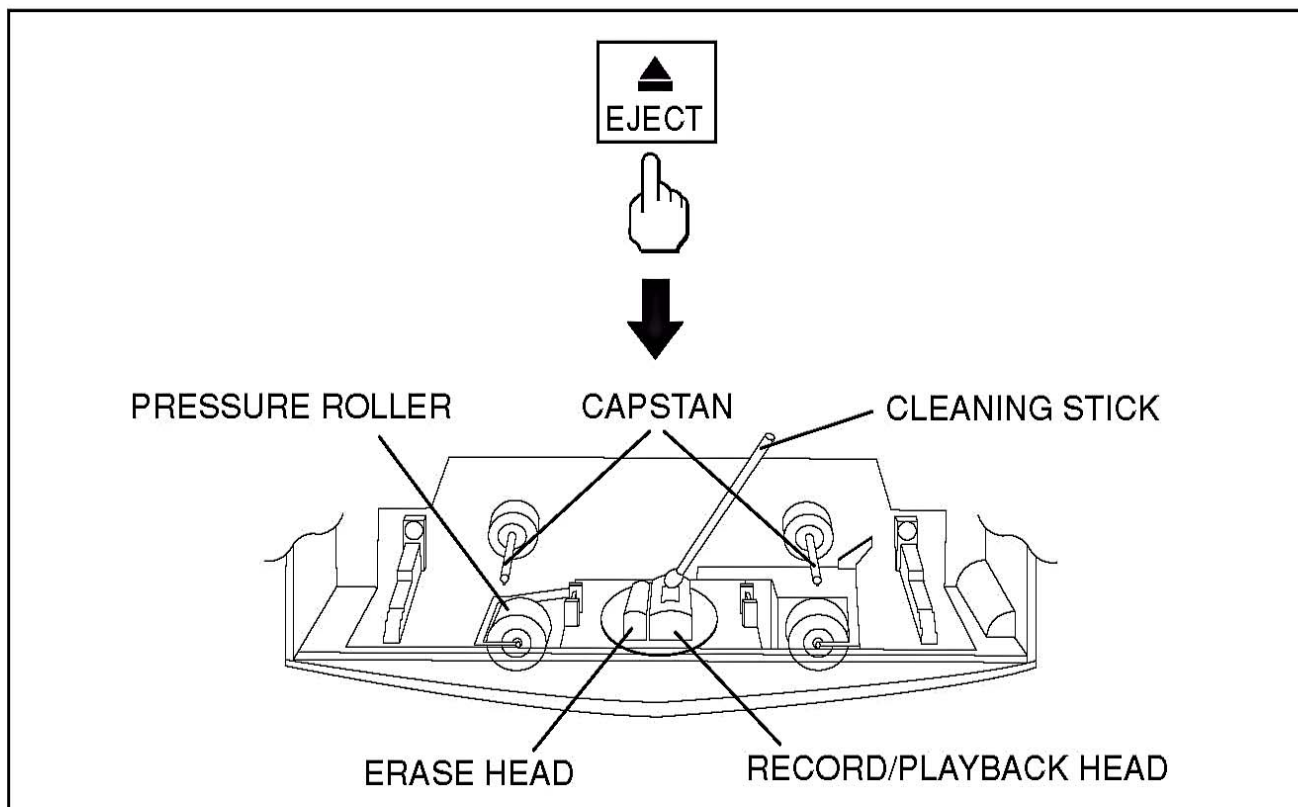
You can connect stereo headphones having a 3.5mm plug to the socket. Inserting the plug will disconnect the speaker.



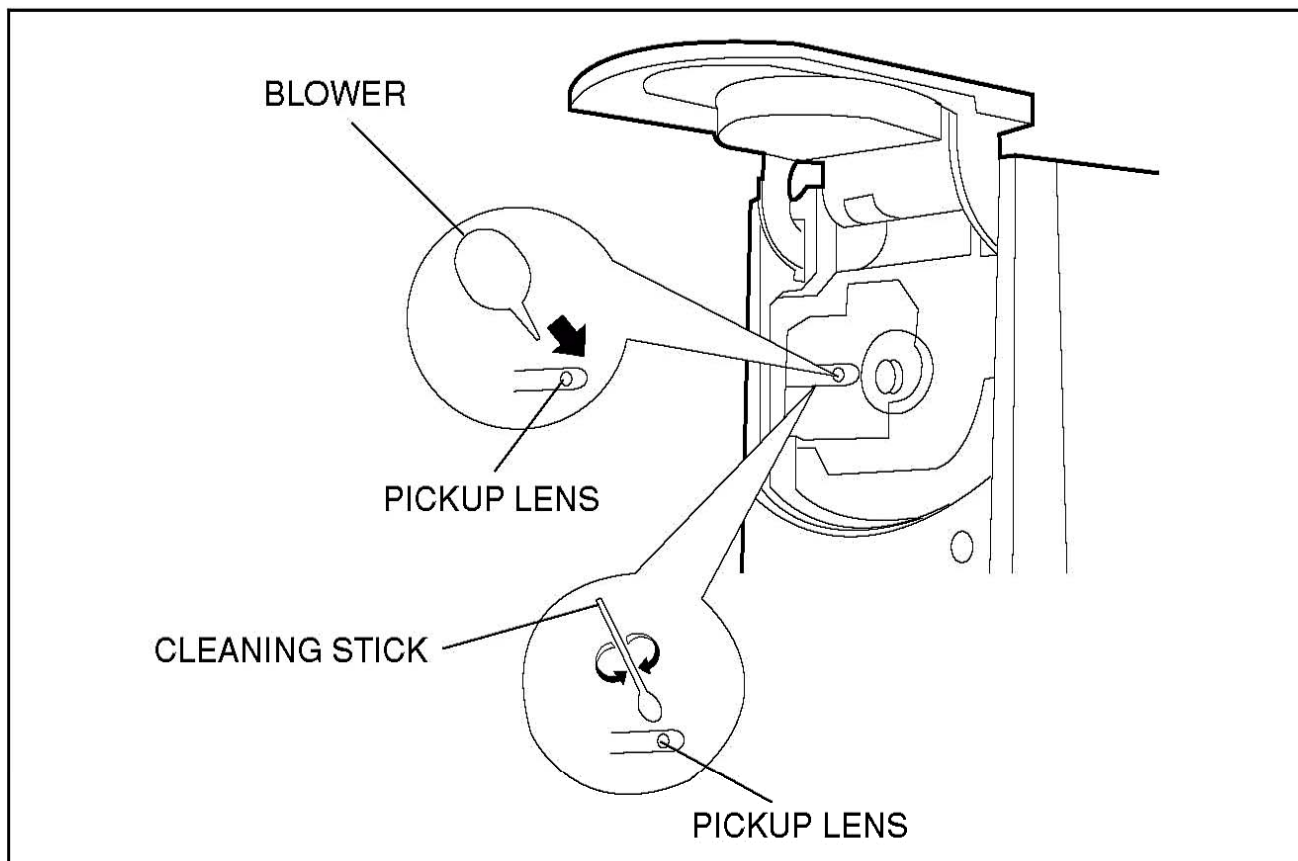
RECORDING PROTECTION



MAINTENANCE (CASSETTE DECK)



MAINTENANCE (CD PLAYER)



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