

KENWOOD

COMPACT HIFI SYSTEM

XD SERIES

XD-A3

XD-251

XD-301/XD-351

XD-371S

INSTRUCTION MANUAL

KENWOOD CORPORATION

This instruction manual is used to describe multiple models listed above.
Model availability and features (functions) may differ depending on the country and sales area.



B60-3879-08 00 (MA) (K,M,T,X,Y) OC
99/12 11 10 9 8 7 6 5 4 3 2 1 98/12 11 10 9 8 7

9080024003

Units are designed for operation as follows.

U.S.A. and Canada AC 120 V only
Australia AC 240 V only

Europe and U.K. AC 230 V only
*Other countries AC 110-120 /220-240 V switchable

For the United Kingdom

Factory fitted moulded mains plug

1. The mains plug contains a fuse. For replacement, use only a 13-Amp ASTA-approved (BS1362) fuse.
2. The fuse cover must be refitted when replacing the fuse in the moulded plug.
3. 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 adapter, or consult your dealer.
If nonetheless the mains plug is cut off, remove the fuse and dispose of the plug immediately, to avoid a possible shock hazard by inadvertent connection to the mains supply.

IMPORTANT

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

Blue : Neutral
Brown : Live

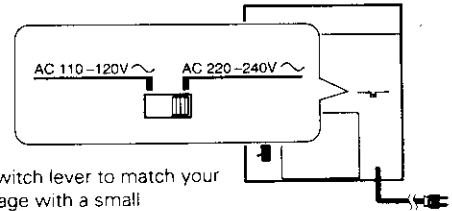
Do not connect those leads to the earth terminal of a three-pin plug.

*For other countries

AC voltage selection

This unit operates on 110-120 or 220-240 volts AC. The AC voltage selector switch on the rear panel is set to the voltage that prevails in the area to which the unit is shipped. Before connecting the power cord to your AC outlet, make sure that the setting position of this switch matches your line voltage. If not, it must be set to your voltage in accordance with the following direction.

AC voltage selector switch



Move switch lever to match your line voltage with a small screwdriver or other pointed tool.

Note:

Our warranty does not cover damage caused by excessive line voltage due to improper setting of the AC voltage selector switch.

Safety precautions

WARNING : TO PREVENT FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

	<p>CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN</p>		<p>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.</p>
	<p>THE LIGHTNING FLASH WITH ARROWHEAD SYMBOL, WITHIN AN EQUILATERAL TRIANGLE, IS INTENDED TO ALERT THE USER TO THE PRESENCE OF UNINSULATED "DANGEROUS VOLTAGE" WITHIN THE PRODUCT'S ENCLOSURE THAT MAY BE OF SUFFICIENT MAGNITUDE TO CONSTITUTE A RISK OF ELECTRIC SHOCK TO PERSONS.</p>		
	<p>THE EXCLAMATION POINT WITHIN AN EQUILATERAL TRIANGLE IS INTENDED TO ALERT THE USER TO THE PRESENCE OF IMPORTANT OPERATING AND MAINTENANCE (SERVICING) INSTRUCTIONS IN THE LITERATURE ACCOMPANYING THE APPLIANCE.</p>		

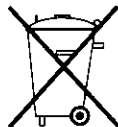
The marking of products using lasers (Except for some areas)

**CLASS 1
LASER PRODUCT**

The marking is located on the rear panel and says that the component uses laser beams that have been classified as Class 1. It means that the unit is utilizing laser beams that are of a weaker class. There is no danger of hazardous radiation outside the unit.

REQUIREMENT BY NEDERLAND GAZETTE




Batteries are supplied with this product. When they empty, you should not throw away. Instead, hand them in as small chemical waste.



Preparation

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Special features

3-Disc carousel CD player

Three discs can be set. There are various ways for enjoyment at the time of program play back, repeat playback, random playback, etc.

Double cassette deck

Two tape decks are installed, permitting dubbing from tape to tape and relay playback.

Various Sound Settings

The desired sound type can be selected according to the music being played. Popular (POP), rock (ROCK), jazz (JAZZ), and extra bass (EX.BASS) can be selected.

Convenient Timer Functions

An ON/OFF timer for listening at the same time each day and a sleep timer are provided.

Demonstration

When the power supply is restored after a power failure or the power cord is unplugged and plugged in again during use, this unit automatically starts the demonstration function (display only). During the demonstration, the display changes in sequence but the audio does not change. The demonstration can be canceled with the following procedure.

Cancellation of Demonstration Mode



When the power is OFF:

Demonstration mode is cancelled by pressing this key.

When the power is ON:

Switching as shown below takes place each time this key is pressed.

- 1 Demonstration mode (execution)
- 2 Normal display (CD or tuner display)
- 3 Time display

• The setting is remembered even when the power is switched off.

Unpacking

Unpack the unit carefully and make sure that all accessories are put aside so they will not be lost.

Examine the unit for any possibility of shipping damage. If your unit is damaged or fails to operate, notify your dealer immediately. If your unit was shipped to you directly, notify the shipping company without delay. Only the consignee (the person or company receiving the unit) can file a claim against the carrier for shipping damage.

We recommend that you retain the original carton and packing materials for use should you transport or ship the unit in the future.

Keep this manual handy for future reference.

Accessories

FM indoor antenna (1)

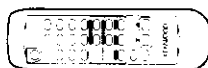
Europe and U.K.



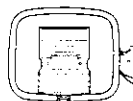
Other countries



Remote control unit (1)



AM loop antenna (1)



Batteries (R6/AA)(2)



AC plug adaptor (1)



Use to adapt the plug on the power cord to the shape of the wall outlet.

(Accessory only for regions where use is necessary.)

Please read all of the safety and operating instructions before operating this appliance. Adhere to all warnings on the appliance and in the instruction manual. Follow all the safety and operating instructions. These safety and operating instructions should be retained for future reference.

1. Power sources – The appliance should be connected to a power supply only of the type described in the instruction manual or as marked on the appliance. If you are not sure of the type of power supply to your home, consult your appliance dealer or local power company. For appliances intended to operate from battery power, or other sources, refer to the instruction manual.

2. Power-cord protection – Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, pay particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.

Never pull or stretch the cord.

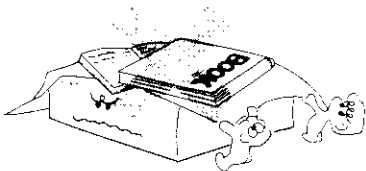


3. CAUTION – Polarization – This appliance may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

4. Ventilation – Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the appliance and to protect it from overheating, and these openings must not be blocked or covered. The appliance should be situated so that its location or position does not interfere with its proper ventilation.

To maintain good ventilation, do not put records or a tablecloth on the appliance. Place the appliance at least 10 cm away from the walls.

Do not use the appliance on a bed, sofa, rug or similar surface that may block the ventilation openings. This appliance should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

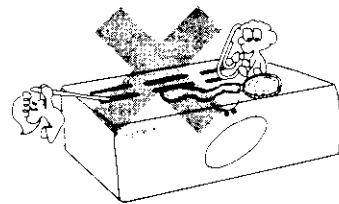


5. Water and moisture – The appliance should not be used near water – for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, etc.

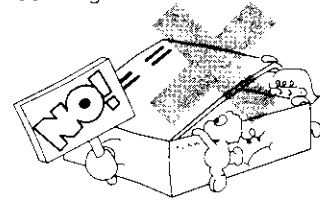
6. Temperature – The appliance may not function properly if used at extremely low, or freezing temperatures. The ideal ambient temperature is above +5°C (41°F).

7. Heat – The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.

8. Electric shock – Care should be taken so that objects do not fall and liquid is not spilled into the enclosure through openings. If a metal object, such as a hair pin or a needle, comes into contact with the inside of this appliance, a dangerous electric shock may result. For families with children, never permit children to put anything, especially metal, inside this appliance.



9. Enclosure removal – Never remove the enclosure. If the internal parts are touched accidentally, a serious electric shock might occur.



10. Magnetic fields – Keep the appliance away from sources of magnetic fields such as TV sets, speaker systems, radios, motorized toys or magnetized objects.

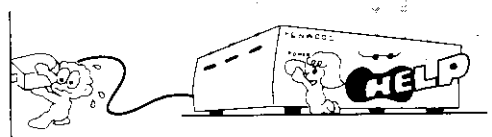
11. Cleaning – Unplug this appliance from the wall outlet before cleaning. Do not use volatile solvents such as alcohol, paint thinner, gasoline, or benzene, etc. to clean the cabinet. Use a clean dry cloth.

12. Accessories – Do not place this appliance on an unstable cart, stand, tripod, bracket, or table. The appliance may fall, causing serious injury to a child or adult, and serious damage to the appliance. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the appliance. Any mounting of the appliance should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.



13. Lightning – For added protection for this appliance during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the appliance due to lightning and power-line surges.

14. Abnormal smell – If an abnormal smell or smoke is detected, immediately turn the power OFF and unplug the appliance from the wall outlet. Contact your dealer or nearest service center.

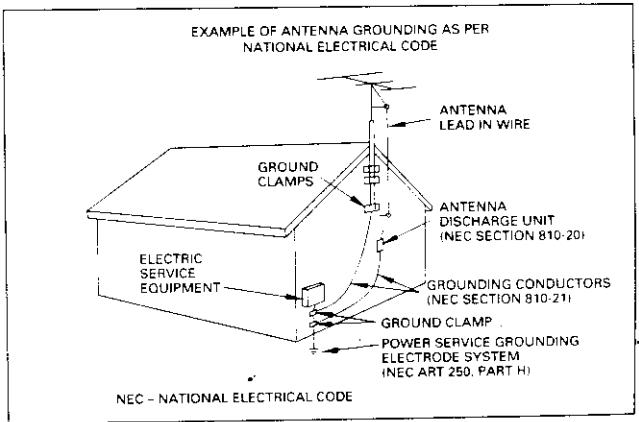


15. Damage requiring service – The appliance should be serviced by qualified service personnel when:

- A.** The power-supply cord or the plug has been damaged
- B.** Objects have fallen, or liquid has been spilled into the appliance.
- C.** The appliance has been exposed to rain or water.
- D.** The appliance does not appear to operate normally by following the instruction manual. Adjust only those controls that are covered by the instruction manual as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the appliance to its normal operation.
- E.** The appliance has been dropped, or the enclosure damaged.
- F.** The appliance exhibits a marked change in performance.

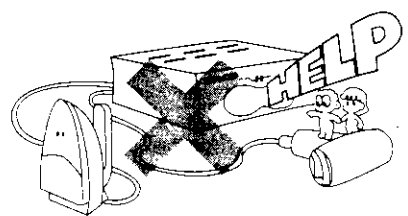
16. Servicing – The user should not attempt to service the appliance beyond that described in the instruction manual. All other servicing should be referred to qualified service personnel.

17. Outdoor antenna grounding – If an outside antenna is connected to the appliance, be sure the antenna system is grounded so as to provide some protection against voltage surges and built up static charges. Article 810 of the National Electrical Code ANSI/NFPA 70, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See Figure.



18. Power lines – An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

19. AC outlets – Do not connect other audio equipment with a power consumption larger than that specified to the AC outlet on the rear panel. Never connect other electrical appliances, such as an iron or toaster, to it to prevent fire or electric shock.



20. Overloading – Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.

21. Attachment – Do not use attachments not recommended by the appliance manufacturer as they may cause hazards.

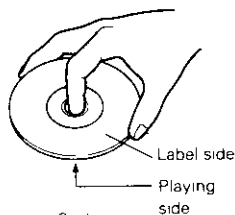
22. Replacement parts – When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original parts. Unauthorized substitutions may result in fire, electric shock, or other hazards.

23. Safety check – Upon completion of any service or repairs to this appliance, ask the service technician to perform safety checks to determine that the appliance is in proper operating condition.

- Notes:
1. Item 3 is not required except for grounded or polarized equipment.
 2. Item 17 and 18 are not required except for units provided with antenna terminals.
 3. Item 17 complies with UL in the U.S.A.

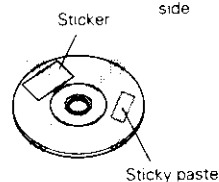
Preparation

Disc handling precautions

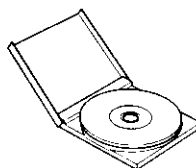
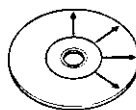


Handling

Hold compact discs so that you do not touch the playing surface.



- Do not attach paper or tape to either the playing side or the label side of compact discs.
- The paste left on the label surface after a sticker has been peeled off is a factor which may cause malfunction. If the surface is sticky due to remaining paste, be sure to clean it with alcohol before use.



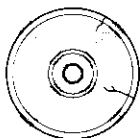
Cleaning

If fingerprints or foreign matter become attached to the disc, lightly wipe the disc with a soft cotton cloth (or similar) from the center of the disc outwards, in a radial manner.

Storage

When a disc is not to be played for a long period of time, remove it from the CD player and store it in its case.

Caution on disc used



Never play a cracked or warped disc.

During playback, the disc rotates at high speed in the player. Therefore, to avoid danger, never use a cracked or deformed disc or a disc repaired with tape or adhesive agent.

Do not use cleaning discs.

Please do not use commercially available cleaning discs, they may damage the internal mechanism.

Discs which can be played with this unit

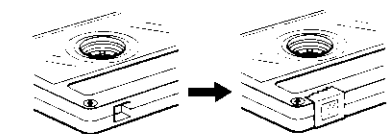
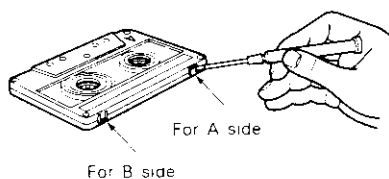
CD (12 cm, 8 cm)

- With CD-G (CD Graphics) discs, this unit can play only the audio.

Notes on cassette tape

Safety tab (accidental erasure prevention tab)

After an important recording has been finished, break the safety tab, to prevent the recorded contents from being erased or recorded on accidentally.

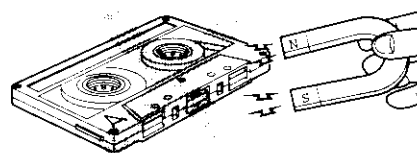


To re-record

Apply tape only to the position where the tab has been removed.

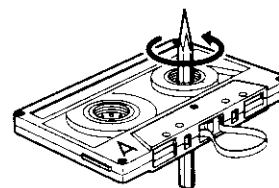
To store cassette tapes

Do not store the tapes in a place which is subject to direct sunlight, or near equipment that generates heat. Keep the cassette tapes away from any magnetic field.



When there is slack in the tape

In such a case, insert a pencil into the reel hole and wind the reel hub to remove the slack.



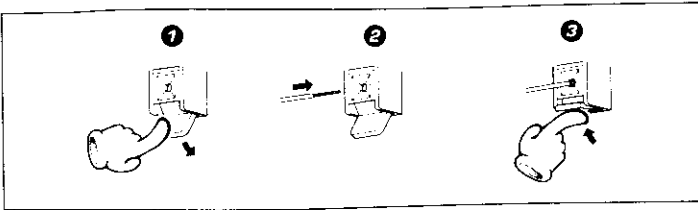
1. Longer tape than 110 minutes cassette tape

Since longer tape than 110 minutes cassette tape is very thin, the tape could adhere to the pinch roller or be easily cut. It is recommended that these tapes not be used with this unit to prevent possible damage.

2. Endless tapes

Do not use an endless tape, as this could damage the mechanism of the unit.



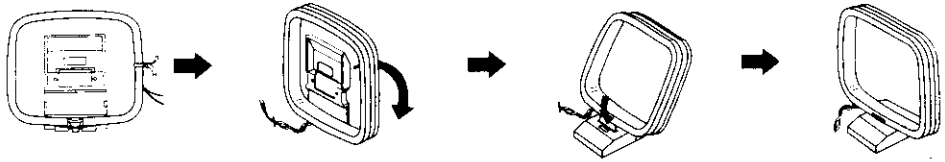


Caution regarding placement

To maintain proper ventilation, be sure to leave a space around the unit (from the largest outer dimensions including projections) equal to, or greater than, shown below.

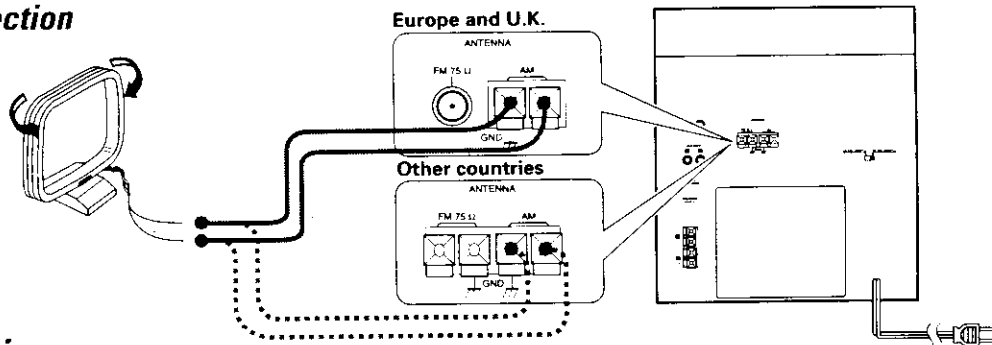
Rear panel: 10 cm

AM loop antenna connection



AM loop antenna connection

The supplied antenna is for indoor use. Place it as far as possible from the main system, TV set, speaker cords and power cord, and set it to a direction which provides the best reception.

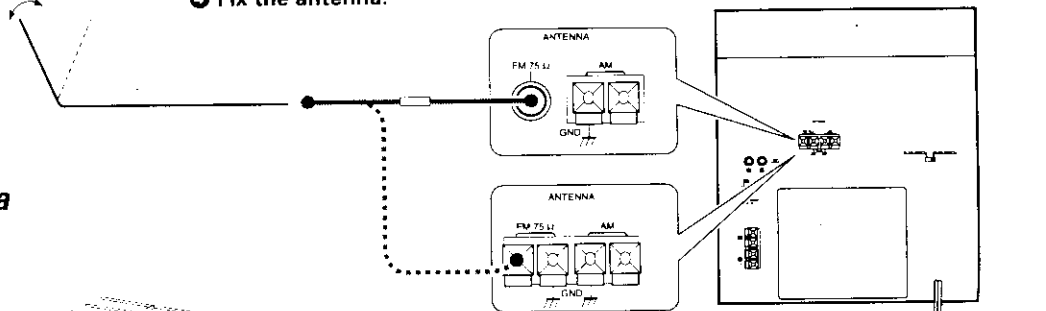


FM antenna connection

FM indoor antenna connection

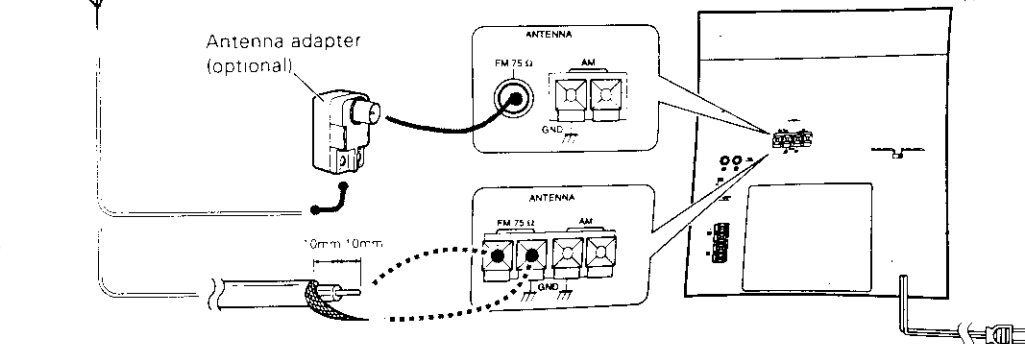
The accessory antenna is for temporary indoor use only. For stable signal reception we recommend using an outdoor antenna. Remove the indoor antenna if you connect one outdoors.

- ❶ Strip the coating from the tip of cord and twist the conductor. (Except for Europe and U.K.)
- ❷ Connect to the antenna terminal.
- ❸ Locate the position providing good reception condition.
- ❹ Fix the antenna.



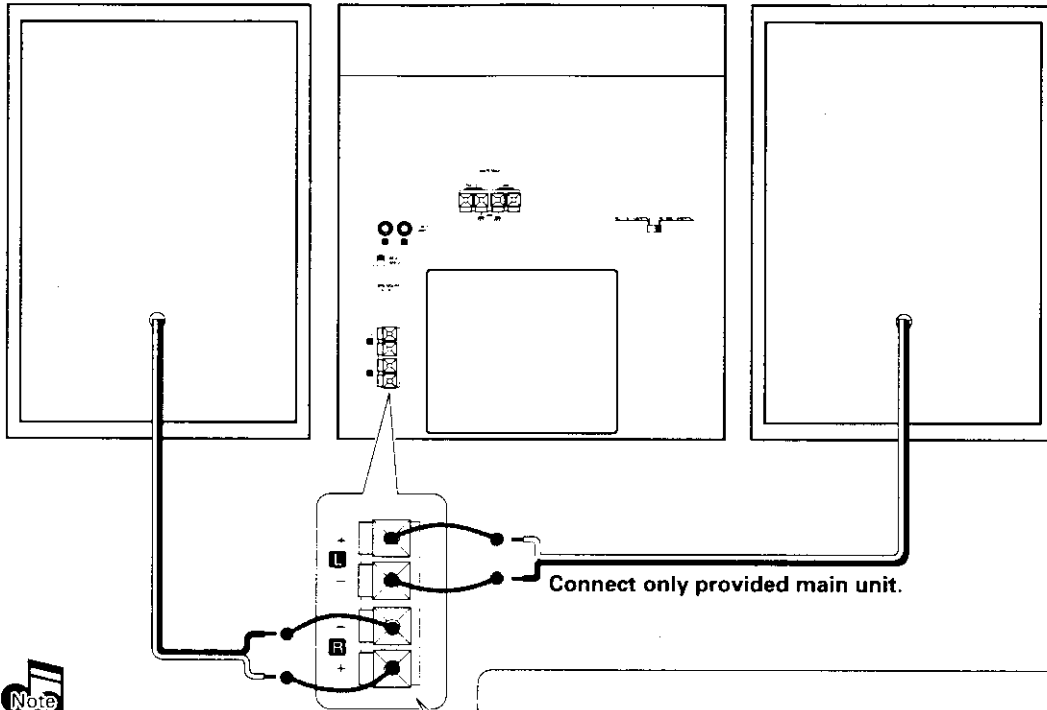
FM outdoor antenna

Lead the 75Ω coaxial cable connected to the FM outdoor antenna into the room and connect it to the FM 75Ω terminal.



Connection of the speaker system

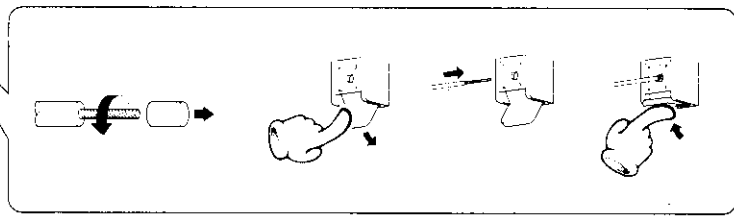
Do not plug the power cord into the power outlet until all of the required connections have been made.



Preparation

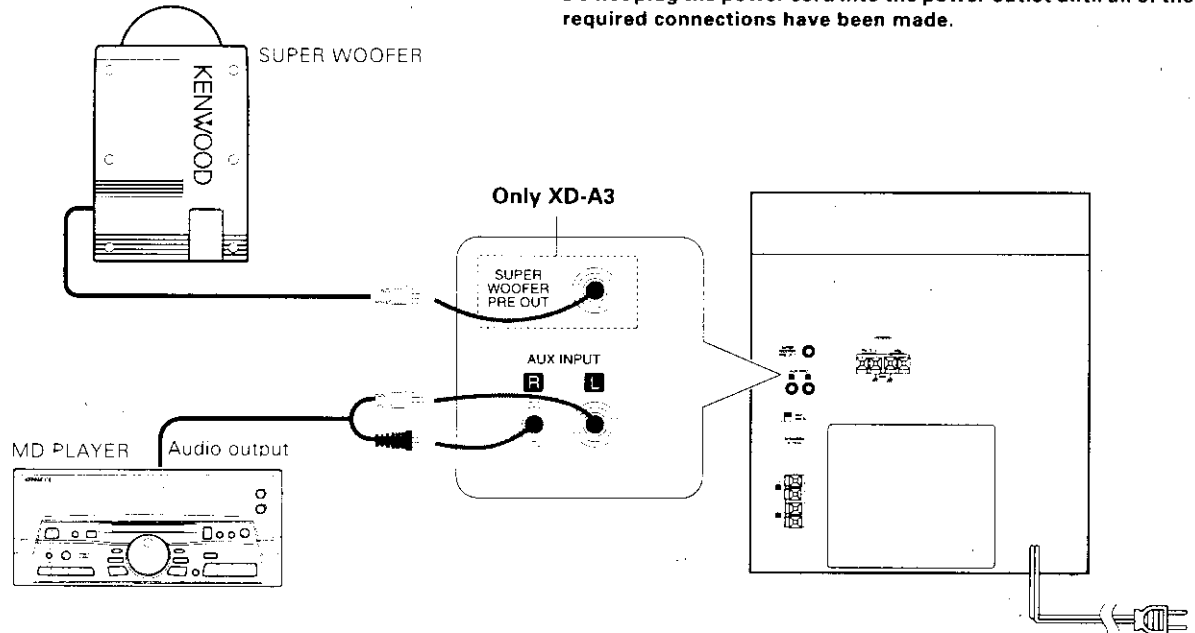
Note

- Never short-circuit the + and - speaker cords.
- If the left and right speakers are connected inversely or if the speaker cords are connected with reversed polarity, the sound becomes unnatural with ambiguous acoustic image positioning. Be sure to connect the speakers and speaker cords correctly.

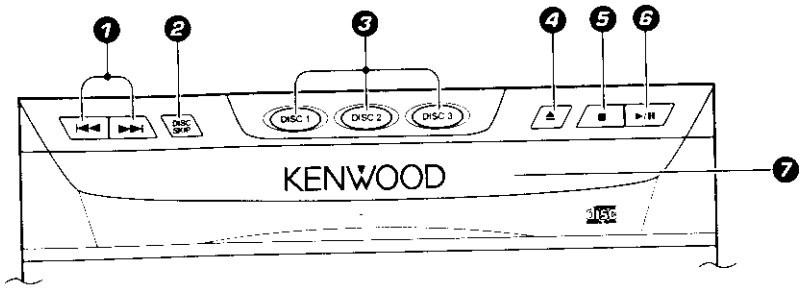


Connection of options (Optional parts)

Connect separately sold parts as shown in the figure. Do not plug the power cord into the power outlet until all of the required connections have been made.



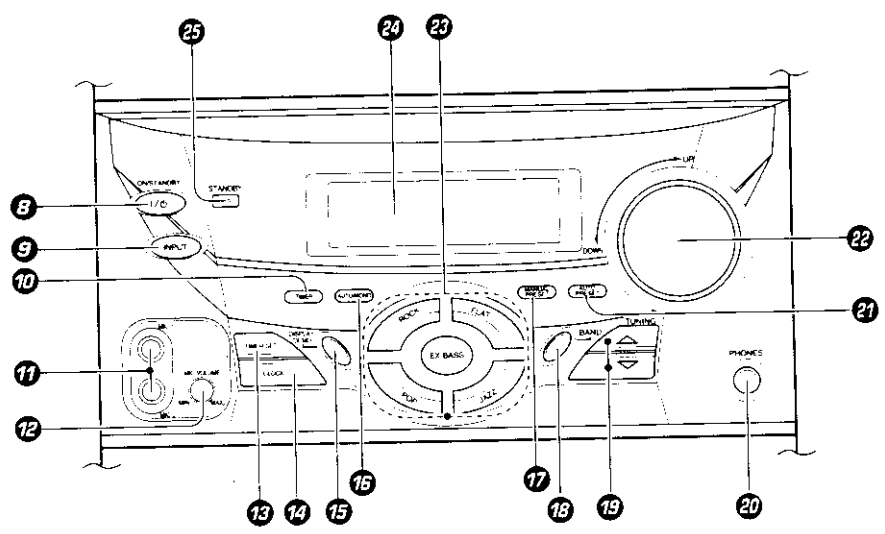
CD unit



- ① Skip (◀◀, ▶▶) keys -17
- ② DISC SKIP key -17
Used to skip discs.
- ③ Disc selection keys -17
The disc number is selected directly and playback starts.
- ④ OPEN/CLOSE (▲) key -16
The disc tray is opened and closed.
- ⑤ Stop (■) key -16
- ⑥ Play/pause (▶/||) key -16
- ⑦ Disc tray -16
Three discs can be stored.

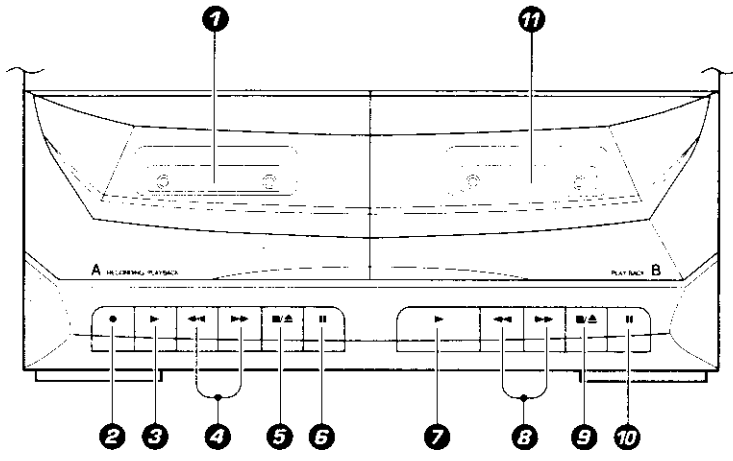
Preparation

Receiver unit



- ⑧ ON/STANDBY (I/O) key -14
- ⑨ INPUT key -14
Key for input switching.
- ⑩ TIMER key -26
Key for timer START/STOP switching.
- ⑪ MIC 1/MIC 2 jack (except for some areas) -24
- ⑫ MIC VOLUME knob (except for some areas) -24
- ⑬ TIMER SET key -25
Used for setting the timer ON/OFF time.
- ⑭ CLOCK key -13
Used to set the present time.
- ⑮ DISPLAY/DEMO key -4 -15
Switches the display contents.
*Used for demonstration (DEMO) ON/OFF.
- ⑯ AUTO/MONO key -20
Switches the tuning mode.
- ⑰ MANUAL PRESET key -21
Used to memorize broadcasting stations in the desired order.
- ⑱ BAND key -20
Press to switch the receiving band.
- ⑲ TUNING/▲▼ keys -13 -20 -25
Used for tuning to broadcasting stations and for time settings.
- ⑳ PHONES terminal -16
For connection of a headphone (optional).
- ㉑ AUTO PRESET key -21
Used for automatic presetting of broadcasting stations.
- ㉒ VOLUME CONTROL knob -14
This is used for volume adjustment.
- ㉓ Sound selection keys -15
Used to select the desired sound type.
 - FLAT : For listening without changing the sound.
 - JAZZ : A sound quality curve suitable for jazz.
 - POP : A sound quality curve suitable for popular music.
 - ROCK : A sound quality curve suitable for rock-and-roll.
 - EX.BASS : For listening with abundant bass. (Can be used together with other sound selection keys.)
- ㉔ Display -11 -15
- ㉕ STANDBY indicator (Except for some areas)

Cassette deck unit



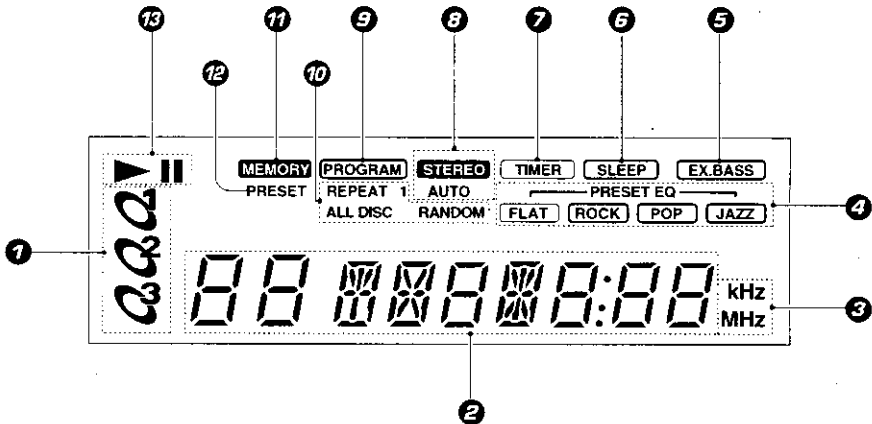
A deck

- 1** Cassette holder - 22
- Press the key to remove and insert the tape.
- 2** REC (●) key - 23
- 3** Play (▶) key - 22
- 4** Fast forward and rewind (◀◀, ▶▶) keys - 22
- 5** Stop/Eject (■/▲) key - 22
- 6** Pause (||) key - 22

B deck

- 7** Play (▶) key - 22
- 8** Fast forward and rewind (◀◀, ▶▶) keys - 22
- 9** Stop/Eject (■/▲) key - 22
- 10** Pause (||) key - 22
- 11** Cassette holder - 22
- Press the key to remove and insert the tape.

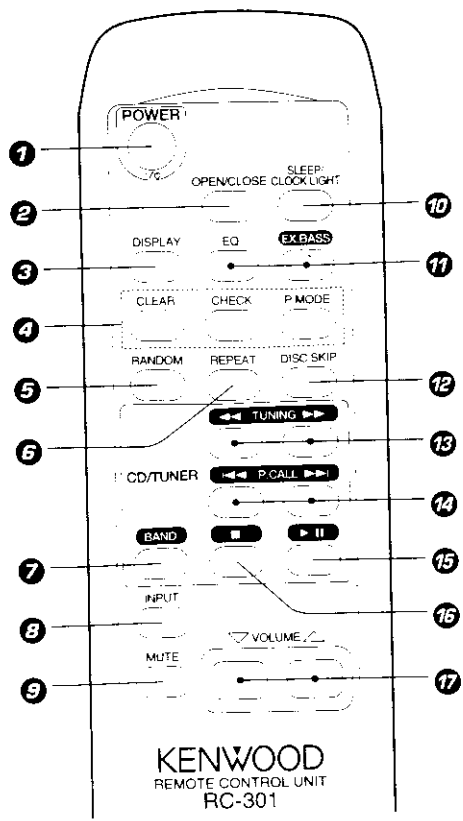
Display



- 1** Disc display
When CD is selected, the numbers for which a disc has been set light.
- 2** Letter and number display
Title number, playback time, present time, etc. are displayed.
- 3** Reception frequency unit indication (kHz/MHz)
- 4** Sound selection indication
- 5** Extra bass (EX.BASS) indication
- 6** Sleep timer (SLEEP) indication
- 7** Timer (TIMER) indication
- 8** STEREO/AUTO indication
Indication of the reception mode for stereo broadcasts
- 9** PROGRAM indication
Lights at the time of program mode.
- 10** Repeat/Random mode indication
- 11** MEMORY indication
Shows when a broadcasting station is memorized.
- 12** PRESET indication
- 13** Playback (▶), Pause (||) indication

Preparation

Preparation

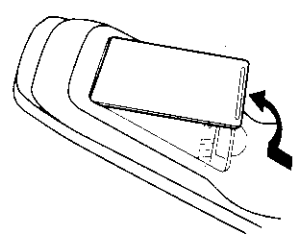


The keys on the remote control unit with the same names as on the main unit have the same function as the keys on the main unit.

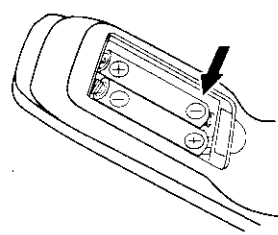
- 1 POWER (| / ⏻) key** - 14
Power ON/OFF switching is executed.
- 2 OPEN/CLOSE (⏏) key** - 16
The disc tray is opened and closed.
- 3 DISPLAY (DEMO) key** - 4 - 15
- 4 CD program-related keys** - 18 - 19
CLEAR key/CHECK key/Program mode (P.MODE) key
- 5 RANDOM key** - 17
Used for CD random playback.
- 6 REPEAT key** - 17
Used for CD repeat playback.
- 7 BAND key** - 20
- 8 INPUT key** - 14
- 9 MUTE key** - 15
Used for temporary muting.
- 10 SLEEP/CLOCK LIGHT key**
When the power is ON :
key for setting the sleep timer - 25
When the power is OFF :
The display light lights - 15
- 11 EQ key** - 15
Switching between FLAT/JAZZ/POP/ROCK
- 12 EX. BASS key** - 15
- 13 DISC SKIP key** - 17
- 14 TUNING (◀▶) keys** - 17 - 20
Used for reception frequency tuning and as CD skip and search keys
- 15 P. CALL (◀▶) keys** - 18 - 20
Used to call preset broadcasting stations and as CD skip keys.
- 16 (CD) Play/pause (▶||) key** - 16
- 17 (CD) Stop (■) key** - 16
- 18 VOLUME key** - 14

Loading batteries

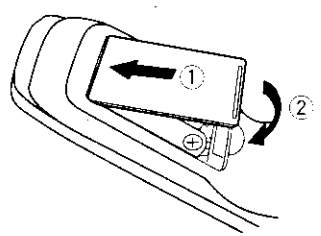
1 Remove the cover.



2 Insert batteries.



3 Close the cover.



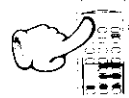
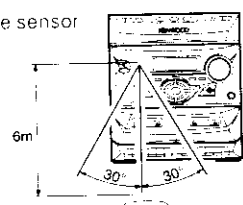
● Insert two R6 ("AA"-size) batteries following the polarity indications.

Operation

Plug the power cord into the mains power outlet and press the on/standby (| / ⏻) **POWER** key of the remote control unit to turn power ON. After the power has been turned ON, press the desired key.
To turn power off, press the on/standby (| / ⏻) **POWER** key again. The system enters the standby mode in which only the time display is lit.

● When pressing more than one remote control keys successively, press the keys securely by leaving an interval of 1 second or more between keys.

Remote sensor



Operating range (approx.)



1. The provided batteries are intended for use in operation checking, and their service life may be short.
2. When the remote controllable distance becomes short, replace both of the batteries with new ones.
3. If direct sunlight or the light of a high-frequency fluorescent lamp (inverter type, etc.) is incident to the remote sensor, malfunction may occur. In such a case, change the installation position to avoid malfunction.

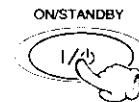
CHANNEL SPACE setting

(Except for the U.S.A., Canada, U.K. Europe and Australia)

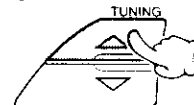
The space between radio channels has been set to the one that prevails in the area to which the system is shipped. However, if the current channel space setting does not match the setting in the area where the system is to be used, for instance when you move from area 1 or area 2 shown in the following table or vice versa, proper reception of AM/FM (SW/MW/FM) broadcasts cannot be expected. In this case, change the channel space setting in accordance with your area by referring to the following table.

Area		CHANNEL SPACE freq.
1	USA, Canada and South American countries	FM: 100 kHz AM: 10 kHz
2	Other countries	FM: 50 kHz AM: 9 kHz

① Turn power off.



② Press the TUNING (Δ) key.



Each press switches the space frequency alternately.

- ① "50/9" FM 50 MHz/AM 9 kHz STEP
- ② "100/10" FM 100 MHz/AM 10 kHz STEP

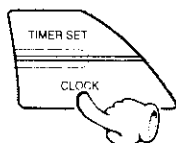
③ Establish the selection. (Press the BAND key.)

Setting the Present Time

Set the present time after the AC cable has been connected to a receptacle. (In case of demonstration mode, first cancel the demonstration mode. - 4 -)

The timer will not operate correctly when the present time is not correct.

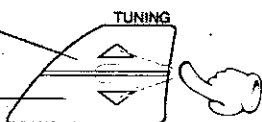
1. Press the CLOCK key.



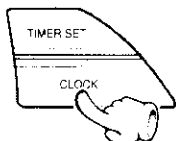
2. Use the TUNING keys to set the hours.

The 'hour' unit increases.

The 'hour' unit decreases.



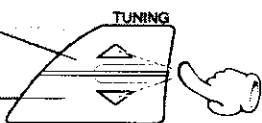
3. Press the CLOCK key.



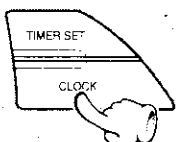
4. Use the TUNING keys to set the minutes.

The 'minute' unit increases.

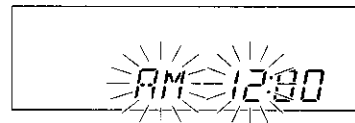
The 'minute' unit decreases.



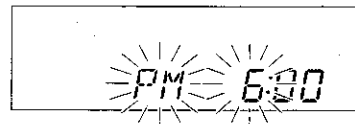
5. Press the CLOCK key.



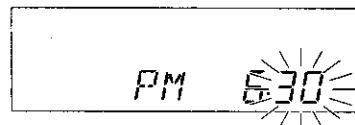
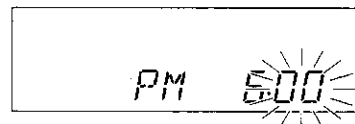
- When the power is OFF, it is switched ON when the CLOCK key is pressed.



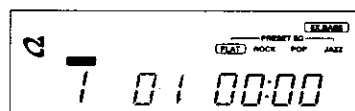
- When the key is kept pressed, the numbers will start to change faster after a little time.



- After AM, the indication switches to PM.



- The normal display (CD or tuner display) appears.



Playback from the desired track

Skipping tracks

To skip backward



To skip forward

Pressing the key once returns to the beginning of the track being played.

High-speed search in forward and reverse directions (Remote control unit only)

Backward search



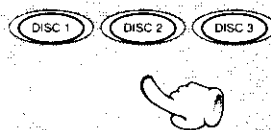
Forward search



• Playback starts from the position where the key is released.

Skipping to a Different Disc

(Only at the main unit)



- Each time this key is pressed, the unit skips to the next disc and playback starts.
- When no disc is set in a tray, the unit skips to the next tray.
- Playback starts from the selected disc.
- When no disc is set in a tray, the unit skips to the next tray.

Repeat Playback (only from the remote control)

Any title or disc can be played repeatedly.

Set the input selection to "CD".

Press the REPEAT key on the remote control.



The mode is switched as shown below each time the key is pressed.

- 1 REPEAT (Only the selected title will be repeated.)
- 2 DISC REPEAT (The entire selected disc will be repeated.)
- 3 ALL REPEAT (All discs will be repeated.)
- 4 Cancel (REPEAT goes out.)



- ① REPEAT lights. ② DISC REPEAT lights. ③ ALL REPEAT lights. ④ The indication goes out.

Program repeat playback

• When "PROGRAM" is lit, the programmed titles will be repeated.

Random repeat playback

- During **DISC RANDOM** playback, random playback of that disc will be repeated.
- During **ALL RANDOM** playback, random playback of all discs will be repeated.

During introduction scanning

• During introduction scanning, repeat playback is possible for all discs.

Cancellation of Repeat Playback

• Press the **REPEAT** key repeatedly, until the "REPEAT" indication goes out.

Introduction Scanning and Random Playback

Introduction Scanning:

The beginning of each title on the CD will be played one after another for about 10 seconds each. This is convenient to find a title by listening to the introductions.

Random Playback:

As the titles each time are selected at random, the enjoyment is always new.



Set the input selection to "CD".

Press the **RANDOM** key on the remote control.

The mode is switched as shown below each time the key is pressed.

- 1 Introduction scanning (The beginning of each title will be played for about 10 seconds.)
- 2 DISC RANDOM (All titles of the selected disc will be played in random sequence.)
- 3 ALL RANDOM (The titles of all discs will be played in random sequence.)
- 4 Cancel (RANDOM goes out)

RANDOM



- ① During introduction scanning, the respective title number flashes. ② "DISC RANDOM" is lit. ③ "ALL RANDOM" is lit.

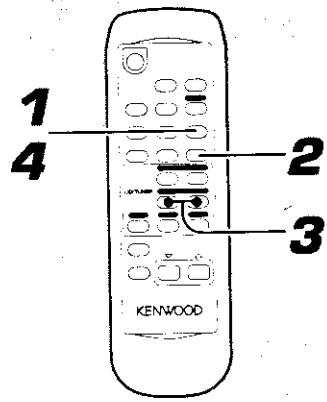
• The **RANDOM** key does not function when "PROGRAM" is lit. Press the **P.MODE** key on the remote control to extinguish "PROGRAM".

Cancellation of introduction scanning/random playback

• Press the **RANDOM** key repeatedly until the "RANDOM" indication goes out.

Listening in the desired sequence (program playback)

Any titles on the discs in the tray can be listened to in the desired sequence. (Max. 32 titles)



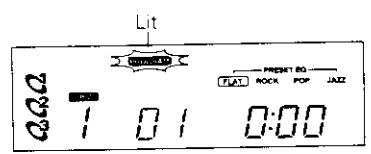
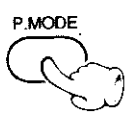
Preparation

- Insert a CD.
- Set to stop mode.

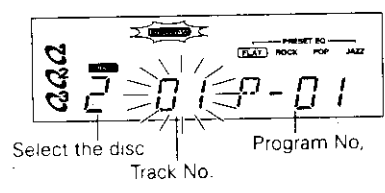
Operation

1. Press the P.MODE key

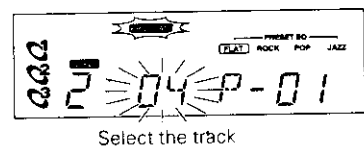
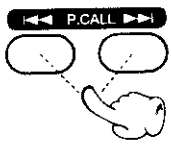
- Program mode is reached.



2. Select the disc.

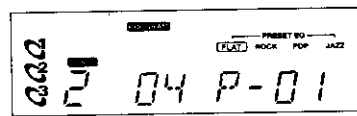


3. Select the track.



4. Press the P.MODE key

- The program No. and the title number are memorized.



To select other tracks, repeat steps 2 to 4 for each of the additional tracks.

- The program No. automatically is incremented by one.
- When the same disc No. is to be entered, step 2 can be skipped.
- Up to 32 tracks can be programmed. When "FULL" is displayed, no more tracks can be programmed.

Start playback



- When the **▶▶** or the **▶▶▶** key is pressed during playback, the unit skips to the preceding or the next program title.
- When the **◀◀** key is pressed once during playback, return is made to the beginning of the title being played.

To stop playback



To add a track to the program

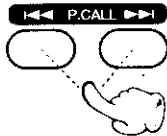
(Operation in stopped condition)



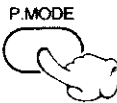
- 1 Select the disc.



- 2 Select the track.



- 3 Press the P.MODE key

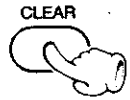
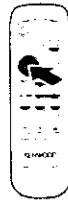


- The added track number is added to the end of the existing program.

To clear tracks from the program

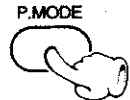
(Operation in stopped condition)

Press to clear tracks from the end.



- Each time the key is pressed, the last track in the program is cleared.

To clear all tracks.



- The "PROGRAM" indication goes out.

To check the programmed tracks

(Operation in stopped condition)

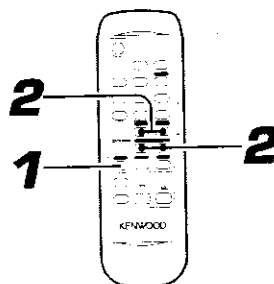


- The program contents are shown each time the key is pressed.

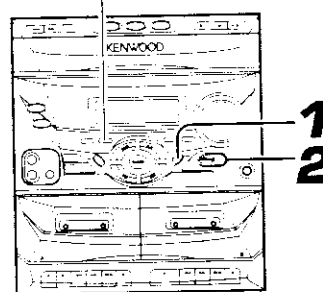
It is also possible to receive them by one-touch operations by storing up to 30 stations in the preset memory.



When the BAND key is pressed, this unit will be switched on automatically.



Select the tuning mode

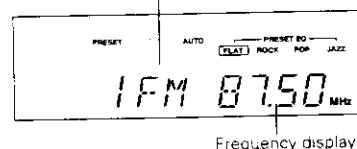


1. Select the broadcast band.

Each press changes the band.

- 1 FM
 - 2 AM
- or
- 1 FM
 - 2 MW (AM)
 - 3 LW
- or
- 1 FM
 - 2 MW (AM)
 - 3 SW

Example when an FM station is received



Frequency display



BAND

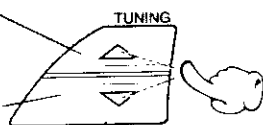
2. Select a station.

When no stations have been memorized

- Auto tuning : Each press receives the next station.
- Manual tuning : Press the key repeatedly or hold it depressed until a station is received.

To increase frequency

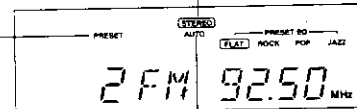
To decrease frequency



TUNING

Lights during stereo reception

PRESET indicator



Lights during auto tuning.

Remote control only



When stations have been memorized (preset call)

Every time the key is pressed, the preset stations are switched over as follows.

- Press ►► for the order of 1→2→3 ... 29→30→1...
- Press ◄◄ for the order of 30→29→28 ... 2→1→30...

Select the tuning mode.

Each press alternates the mode.

- 1 "AUTO" lit (Auto tuning)
- 2 "AUTO" not lit (Manual tuning)

Use the manual tuning mode when reception is noisy due to weak reception. (In the manual mode, stereo broadcasts are received in monaural.)

- Normally, use the **AUTO** (Auto tuning) mode.



AUTO/MONO

Collective presetting of stations (auto preset)

You can store up to 30 stations in the memory and recall them with a single touch of the key.

Press the AUTO PRESET key

Main unit only



For memorizing after already stored numbers

Remote control only

Main unit only

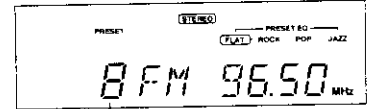


MEMORY flashes during operation.



- After memorizing of the FM band, the band is switched and up to 30 stations can be memorized.

- On the remote control, press the P.CALL key, display the preset number, and then press the AUTO PRESET key.
- Memorizing starts with the number following the one being displayed.



Preset No.

One-by-one presetting (manual preset)

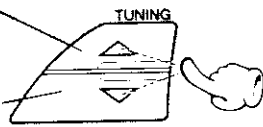
Desired stations can be selected and memorized one by one.

Main unit only

1 Select a station

To increase frequency

To decrease frequency



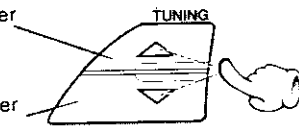
2 Press the MANUAL PRESET key



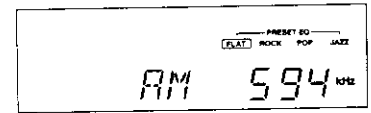
3 Select one of the preset numbers from 1 to 30.

The preset number increases.

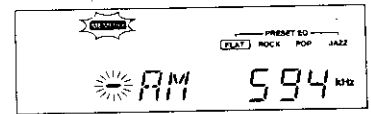
The preset number decreases.



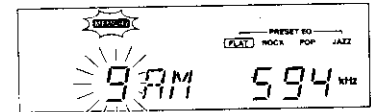
4 Press the MANUAL PRESET key



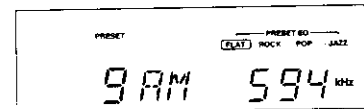
Lit



Blinks



Blinks

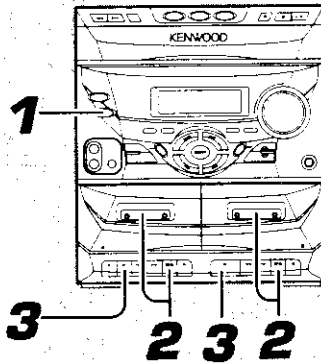


- The memorization is finalized.

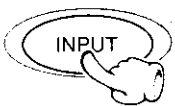
Repeat steps 1 to 4 to preset other stations.

Operation

With the double deck of A and B, relay playback is possible from deck B to deck A.



1. Switch INPUT to TAPE.



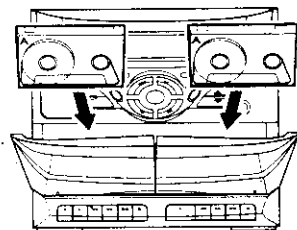
Operation

2. Load a cassette tape.

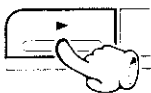


- ① Open the door.
- ② Insert a tape.
- ③ Close the door.

- When side A is to be played, insert the tape with side A to the front.
- When only one tape is to be played, insert it into deck A or deck B.



3. Start playback.



To pause playback



Relay Play

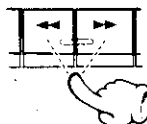
After playback of deck B ends, playback of deck A can be started automatically. (only deck B to deck A)

- ① Bring deck B to playback condition.
- ② Press the Play (▶) key of deck A and then the Pause (||) key.



Playback of deck A starts when the playback of deck B ends.

To wind tape at high speed



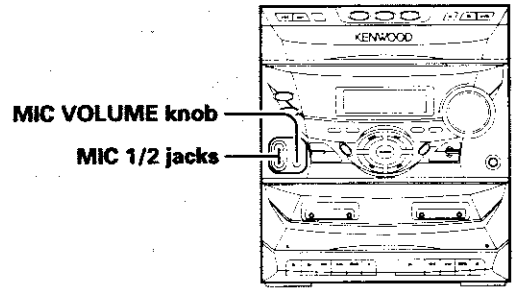
- Press the ■ key to stop fast winding.

To stop playback



- Do not take out the cassette tape until the tape transport has stopped completely.

operation

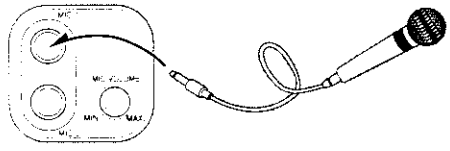


1. Connect a microphone.

① Turn the MIC VOL. control fully counterclockwise.

② Plug the microphone into one of the MIC jacks.

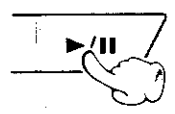
③ Adjust the volume balance between the music input and microphone input.



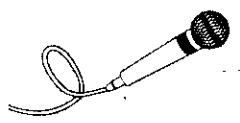
To decrease microphone volume

To increase microphone volume

2. Play the music.



3. Sing along with the accompaniment.



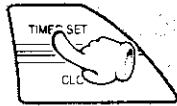
After the above steps, you can record your karaoke singing onto a tape. However, note that the karaoke singing using a tape cannot be recorded onto a tape.

When the ON/OFF timer is used, the CD or the tuner will start to play when the set time is reached.

Setting the ON/OFF time (only on the main unit)

First, set the volume for the timer playback. -14-

① Press the **TIMER SET** key.

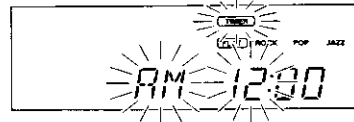
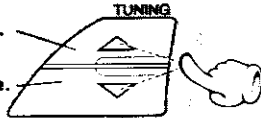


After ON has been shown for 2 or 3 seconds, the ON time input status is reached.

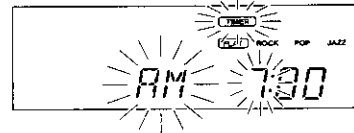
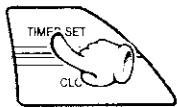
② Set the "hour" for the ON time.

The hours increase.

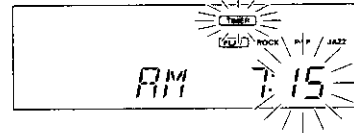
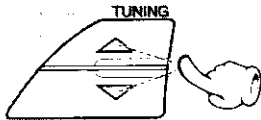
The hours decrease.



③ Press the **TIMER SET** key.

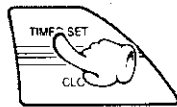


④ Set the "minutes" for the ON time.

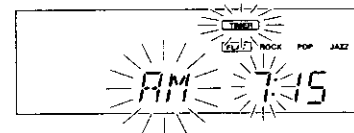
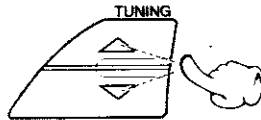


The ON time is established and OFF time input mode is reached.

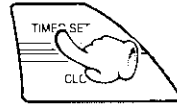
⑤ Press the **TIMER SET** key.



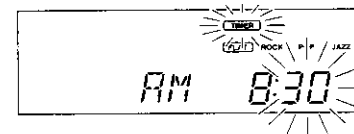
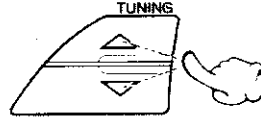
⑥ Set the "hour" for the OFF time.



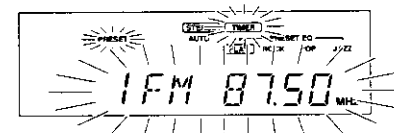
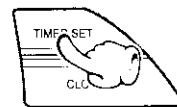
⑦ Press the **TIMER SET** key.



⑧ Set the "minutes" for the OFF time.



⑨ Press the **TIMER SET** key.

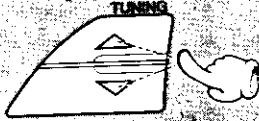


To the next page.

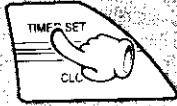
Select the input for the ON playback.

Perform this operation after the ON/OFF time has been set.

① Select the input with the TUNING keys.

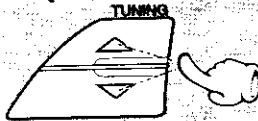


② Press the TIMER SET key.

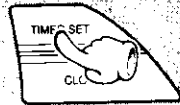


Only when the tuner has been selected

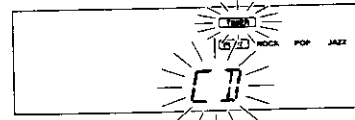
① Select the preset number.



② Press the TIMER SET key.

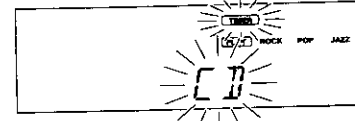


Timer setting has been completed and the setting contents are displayed.



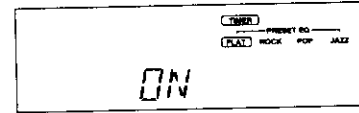
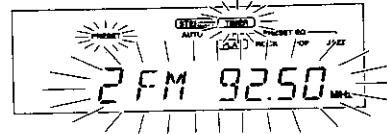
Switching is done each time the key is pressed.

- ① Tuner
- ② CD



When CD has been selected, the timer setting has been completed and the setting contents are displayed.

When TUNER has been selected, select the preset number of the preset broadcasting station.



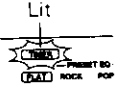
When the setting has been completed, the ON time, the OFF time, and the setting contents (CD or tuner setting contents) are displayed once, and then return is made to the normal display.

Operation

Playback start by timer/timer setting confirmation (only on the main unit)

Switching is done each time the key is pressed.

- ① TIMER indication
- ② Not lit (cancelled)



Switch off the power after the timer has been set.

When the timer is set, the ON time, the OFF time, and the setting contents are displayed sequentially, and then return is made to the normal display.

For Timer Playback Start
Press the TIMER key to display "TIMER", and then switch off the power.

- When the set ON time is reached, the power is switched ON and the tuner or the CD starts to play.

Use of the Sleep Timer (only from the remote control)

When the set time has passed, the power is switched off automatically.

Switching is done each time the key is pressed.



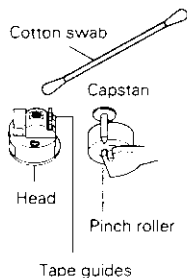
When the set time has passed, the power is switched off automatically.

Cancellation

Press the SLEEP/CLOCK LIGHT key repeatedly or switch off the power.

Maintenance

Cleaning the head section



Cleaning the heads and peripheral components

For maintaining the best condition of the deck and for longer service life, always keep the heads (recording / playback / erase), capstan and pinch roller clean. To clean them, perform the following:

1. Open the cassette holder.
2. Using a cotton swab dipped in alcohol, clean the head (recording / playback / erase), capstan and pinch roller carefully.

Demagnetizing the head

When the recording / playback head is magnetized, the sound quality will deteriorate. In such a case, demagnetize the head using a commercially available demagnetizer (head eraser).



There are precisely aligned parts around the heads, including the tape guides. When cleaning, pay special attention so as not to apply shock to them.

Maintenance of the set

When the front panel or case becomes dirty, wipe with a soft, dry cloth. Do not use thinner, benzine, alcohol, etc. for these agents may cause discoloration.

In regard to contact cleaner

Do not use contact cleaners because it could cause a malfunction. Be specially careful not to use contact cleaners containing oil, for they may deform the plastic component.

Caution on condensation

Condensation (of dew) may occur inside the unit when there is a great difference in temperature between this unit and the outside. This unit may not function properly if condensation occurs. In this case, leave the unit for a few hours with the power left ON, and restart the operation after the condensation has dried up.

Be specially cautious against condensation in a following circumstance:

When this unit is carried from a place to another across a large difference in temperature, when the humidity in the room where this unit is installed increases, etc.

Note related to transportation and movement (CD player)

Before transporting or moving this unit, carry out the following operations.

1. Turn the power ON.
2. Unload the discs
3. Close the disc tray.
4. Turn power off.

When your unit needs to be repaired, bring the entire set (Speakers excluded) to your dealer.

What seems to be a malfunction is not always so. Before calling for service, check the following table according to the symptom of your trouble.

















Operation to reset

The microcomputer may fall into malfunction (impossibility to operate, erroneous display, etc.) when the power cord is unplugged while power is ON or due to an external factor. In this case, execute the following procedure to reset the microcomputer and return it to normal condition.

Press the "POWER" key while holding the Stop (■) key of the CD section pressed, to switch off the power, and then switch the power on again after a few seconds.

- Please note that resetting the microcomputer clears the contents stored in and returns to condition when it left the factory.

Receiver, speakers

Symptom	Cause	Remedy
Sound is not produced.	<ul style="list-style-type: none"> ● The speaker cords are disconnected. ● The MUTE switch of remote control unit is switched ON. ● The headphone plug is inserted into the jack. 	<ul style="list-style-type: none"> ● Connect properly referring to "System connection".  → 9 ● Switch MUTE OFF.  → 15 ● Unplug the headphone plug.  → 15
Sound is not produced from the left or right speakers.	<ul style="list-style-type: none"> ● The speaker cords are disconnected. 	<ul style="list-style-type: none"> ● Connect properly referring to "System connection".  → 9
Demonstration starts suddenly.	<ul style="list-style-type: none"> ● The power plug was unplugged from the outlet while the power switch was ON, or there was a power failure. 	<ul style="list-style-type: none"> ● This is not malfunction. Press the DISPLAY/DEMO key to cancel the demonstration.  → 4
The clock display blinks	<ul style="list-style-type: none"> ● There was a power failure. ● The power cord was unplugged from the outlet. 	<ul style="list-style-type: none"> ● Adjust the present time again.  → 13 ● Adjust the present time again.  → 13
Timer operation is not possible.	<ul style="list-style-type: none"> ● The present time has not been adjusted or there was a power failure. ● The timer ON time and OFF time have not been set. ● The timer execution was not set up. 	<ul style="list-style-type: none"> ● Adjust the present time referring to "Clock adjustment".  → 13 ● Set the timer ON time and OFF time.  → 25 ● Execute the timer program.  → 26
Radio stations cannot be received.	<ul style="list-style-type: none"> ● The antennas have not been connected. ● A proper broadcasting band has not been selected. ● The frequency of the station to be received is not tuned. 	<ul style="list-style-type: none"> ● Connect antennas.  → 8 ● Select a band.  → 20 ● Tune to the frequency of the desired station.  → 20
Noise interferes.	<ul style="list-style-type: none"> ● Car ignition noise. ● Influence of an electric appliance. ● A TV set is installed near the system. 	<ul style="list-style-type: none"> ● Install the outdoor antenna in an apart position from the road.  → 8 ● Switch the suspected electric appliance OFF. ● Install the TV or the system at an increased distance between them.
A station has been preset but it cannot be received by pressing the P.CALL key.	<ul style="list-style-type: none"> ● The frequency of the preset station is not tunable. ● The preset memory has been cleared because the power cord has been unplugged for a long period. 	<ul style="list-style-type: none"> ● Preset stations with tunable frequencies.  → 21 ● Preset stations again.  → 21

Knowledge

Remote control unit

Symptom	Cause	Remedy
Remote control operation is not possible.	<ul style="list-style-type: none"> Batteries are exhausted. The remote control is too far away from the system, the controlling angle is deviated or there is an obstacle in between. There is no tape or CD set in the component to be played. 	<ul style="list-style-type: none"> Replace with new batteries. → 12 Operate the unit inside the remote control-able range. → 12 Set a tape or CD in the component to be played. → 16

Cassette deck

Symptom	Cause	Remedy
Sound cannot be produced by pressing the play key or no operation occurs even when an operation key is pressed.	<ul style="list-style-type: none"> The head is dirty. The tape is wound too tight due to irregular winding. A nonrecorded tape is played. 	<ul style="list-style-type: none"> Clean the head referring to "Maintenance". → 27 Try another tape. → 22 Play a recorded tape.
No operation occurs even when an operation key is pressed.	<ul style="list-style-type: none"> The cassette holder is not closed completely. A tape is not inserted in the unit. The tape is wound too tight due to irregular winding. The tape is fully wound to one of the reels. 	<ul style="list-style-type: none"> Close the holder completely. → 22 Insert a tape. → 22 Try another tape. Reverse the tape insertion orientation.
Sound is harsh or high frequencies are not reproduced.	<ul style="list-style-type: none"> The head is dirty. The tape is stretched or shrunk. 	<ul style="list-style-type: none"> Clean the head referring to "Maintenance". → 27 Try another tape.
Noise is noticeable.	<ul style="list-style-type: none"> The tape head is magnetized. External noise is induced. A tape recorded with Dolby NR ON is being played on this unit. 	<ul style="list-style-type: none"> Demagnetize the head referring to "Maintenance". → 27 Install the system at a distance from other electric appliances and TV. This unit can not play tapes recorded with Dolby NR ON with the correct sound quality.
Sound vibrates.	<ul style="list-style-type: none"> The capstans or pinch rollers are dirty. The tape is wound irregularly. 	<ul style="list-style-type: none"> Clean the head referring to "Maintenance". → 27 Wind the tape again by fast forwarding, rewinding or playing from an end to the other. → 22
Recording cannot be started by pressing the record key.	<ul style="list-style-type: none"> The recording protect tab of the cassette has been broken. The cassette holder is not closed completely. The tape is fully wound to one of the reels. 	<ul style="list-style-type: none"> Use a cassette with an unbroken recording protect tab or block the hole. → 7 Close the holder completely. → 22 Reverse the tape insertion orientation. → 22



- With some tapes, a squeaky noise is produced when the tape is stopped automatically. This is due to the tape protection function, and not a malfunction.
- Do not use longer tape than 110 minutes tapes, for the tape is too thin and gets easily tangled.

CD player

Symptom	Cause	Remedy
A CD is placed in the player but it cannot be played.	<ul style="list-style-type: none"> ● The disc is placed upside down. ● The disc position is displaced. ● The disc is extremely dirty. ● The disc is scratched. ● Dew is condensed on the optics lens. 	<ul style="list-style-type: none"> ● Place the disc properly, with the label side facing upward. → 16 ● Place the disc properly. → 16 ● Clean the disc referring to "Disc handling precautions". → 7 ● Try another disc. → 16 ● Refer to "Caution on condensation" and remove the condensation by evaporation. → 27
Sound is not produced.	<ul style="list-style-type: none"> ● The disc has not been placed. ● The player is not put to the play mode. ● The disc is extremely dirty. ● The disc is scratched. 	<ul style="list-style-type: none"> ● Place a disc in the CD player. → 16 ● Press the play key. → 16 ● Clean the disc referring to "Disc handling precautions". → 7 ● Try another disc. → 16
Sound skips.	<ul style="list-style-type: none"> ● The disc is dirty. ● The disc is scratched. ● The player is subject to vibration. 	<ul style="list-style-type: none"> ● Clean the disc referring to "Disc handling precautions". → 7 ● Try another disc. ● Install the unit in a place not subject to vibrations.

For the U.S.A.

CAUTION :

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

In compliance with Federal Regulations, following are reproductions of labels on, or inside the product relating to laser product safety.

KENWOOD CORPORATION
2967-3, ISHIKAWA-CHO, HACHIQUJI-SHI,
TOKYO, JAPAN

KENWOOD CORP. CERTIFIES THIS EQUIPMENT CONFORMS TO DHHS REGULATIONS NO. 21 CFR 1040.10, CHAPTER I, SUBCHAPTER J.

Location: Back Panel

WARNING NOTICE:

IN MOST CASES IT IS AN INFRINGEMENT OF COPYRIGHT TO MAKE COPIES OF TAPES OR DISCS WITHOUT THE PERMISSION OF THE COPYRIGHT OWNERS. ANYONE WISHING TO COPY COMMERCIALLY AVAILABLE TAPES OR DISC SHOULD CONTACT THE MECHANICAL COPYRIGHT PROTECTION SOCIETY LIMITED OR THE PERFORMING RIGHTS SOCIETY LIMITED.

For the U.S.A.

Note to CATV system installer:

This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

For the U.S.A.

FCC WARNING

This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment may cause harmful interference to radio communications, if it is not installed and used in accordance with the instructions. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio / TV technician for help.

Main unit

[Amplifier section]

(XD-A3)

Rated power output (U.S.A. and Canada)

30 watts per channel minimum RMS, both channels driven, at 6 Ω form 40 Hz to 14 kHz with no more than 0.9 % total harmonic distortion.

Effective output power during STEREO operation

U.S.A. and Canada

1 kHz, 10 % T.H.D., 6 Ω 40 W + 40 W

(XD-251/XD-301)

Effective output power during STEREO operation

1 kHz, 10 % T.H.D., 6 Ω 40 W + 40 W

Rated output power during STEREO operation

Europe, U.K. and Russia

(DIN) 1 kHz, 0.7 % T.H.D., 6 Ω 30 W + 30 W

Other countries

1 kHz, 1.0 % T.H.D., 6 Ω 30 W + 30 W

(XD-351/XD-371S)

Effective output power during STEREO operation

Europe, U.K. and Russia.

1 kHz, 10 % T.H.D., 6 Ω 40 W + 40 W

Other countries

1 kHz, 10 % T.H.D., 6 Ω 60 W + 60 W

Rated output power during STEREO operation

Europe, U.K. and Russia

(DIN) 1 kHz, 0.7 % T.H.D., 6 Ω 30 W + 30 W

Other countries

1 kHz, 1.0 % T.H.D., 6 Ω 40 W + 40 W

Input sensitivity / impedance

AUX 300 mV / 40 kΩ

(XD-351/XD-371S)

MIC 1, 2 (Except for some arears) 2.5 mV / 2.2 kΩ

Output level / impedance

(XD-A3)

SUPER WOOFER PREOUT 1.8 V / 0.6 kΩ

[Tuner section]

FM tuner section

Tuning frequency range 87.5 MHz ~ 108 MHz

(For Russia) 87.5 MHz ~ 108 MHz

..... 65.0 MHz ~ 74.0 MHz

AM (MW) Tuner section

Tuning frequency range

Europe, U.K. and Russia 531 kHz ~ 1,602 kHz

U.S.A. and Canada 530 kHz ~ 1,700 kHz

Other countries

9 kHz step 531 kHz ~ 1,602 kHz

10 kHz step 530 kHz ~ 1,610 kHz

LW Tuner section (For U. K.)

Tuning frequency range 153 kHz ~ 279 kHz

SW Tuner section (XD-371S)

Tuning frequency range 5.95 MHz ~ 17.9 MHz

[Cassette deck section]

Track 4-track, 2-channel stereo

Recording system AC bias system
(Frequency: 105 kHz)

Heads

A deck Playback / recording head 1

Erasing head 1

B deck Playback head 1

Motor 1

Fast winding time Approx. 100 seconds
(C-60 tape)

[CD player section]

Laser Semiconductor laser

Wow & Flutter Less than unmeasurable Limit

[General]

Power consumption (XD-A3/XD-251/XD-301) 150 W
(XD-351 for Europe 5and U.K.) 150 W
(XD-351 for other countries) 180 W
(XD-371S) 180 W

Dimensions W: 280 mm (11")

H: 320 mm (12-5/8")

D: 405 mm (15-15/16")

Weight (net) (XD-A3/XD-251/XD-301) 6.9kg (15.2 lb)

(XD-351 for Europe and U.K.) 6.9kg (15.2 lb)

(XD-351 for other countries) 9.1kg (20.1 lb)

(XD-371S) 9.1kg (20.1 lb)

Speakers (LS-N301/LS-N351) XD-A3/XD-251/XD-351 (Europe,

U.K. and Russia)

Enclosure Bass-reflex type

Speaker configuration

Woofers 130 mm, cone type

Tweeter 50 mm, cone type

Impedance 6 Ω

Maximum input level 40 W

Dimensions W: 220 mm (8-11/16")

H: 320 mm (12-5/8")

D: 295 mm (11-5/8")

Weight (net) 3.3 kg (7.3 lb) (1 piece)

Speakers (LS-N371) XD-351 (other countries)/XD-371S

Enclosure Bass-reflex type

Speaker configuration

Woofers 160 mm, cone type

Tweeter 50 mm, cone type

Impedance 6 Ω

Maximum input level 60 W

Dimensions W: 220 mm (8-11/16")

H: 320 mm (12-5/8")

D: 295 mm (11-5/8")

Weight (net) 3.7 kg (8.2 lb) (1 piece)



1. KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.
2. Sufficient performance may not be possible at very low temperatures (0°C or less).

Knowledge