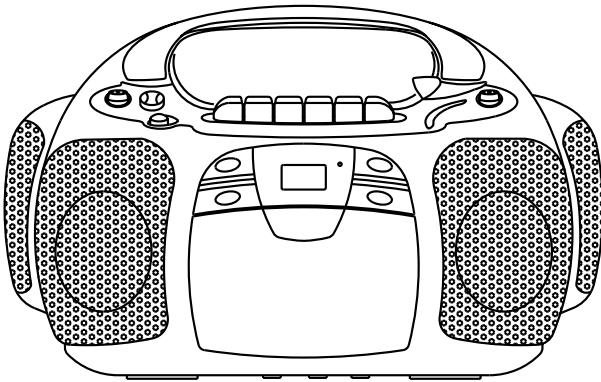




**STEREO CD PLAYER WITH
RADIO / CASSETTE RECORDER**

MODEL : 1776



INSTRUCTION MANUAL

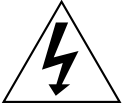
COMPACT
disc
DIGITAL AUDIO

WARNING

To prevent fire or shock hazard, do not expose this appliance to rain or moisture.

CAUTION

TO PREVENT ELECTRONIC SHOCK, DO NOT USE THIS (POLARIZED) PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE PLUG CAN BE FULLY INSERTED WITHOUT EXPOSING ANY PARTS OF THE BLADES.



The lightning flash with arrow-head 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.

CAUTION

**RISK OF ELECTRIC SHOCK
DO NOT OPEN**

WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE, REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The exclamation point within an equilateral triangle is intended to alert the user to presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

IMPORTANT

Since the CD circuitry may cause interference to other radio tuners nearby, switch this unit off when not in use or move it away from the affected radio tuner.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesirable operation.

NOTE: This equipment has been tested and found to comply within 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 generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction, may cause harmful interference to radio communications. 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 tuning 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.


SAFETY CERTIFICATION

This Compact Disc is made and tested to meet safety standards of the FCC, requirements and compliance with safety performance of the U.S. Department of Health and Human Services, and also with FDA Radiation Performance Standards 21 CFR Subchapter J.

SAFETY INSTRUCTIONS - Read before operating equipment

This product was designed and manufactured to meet strict quality and safety standards. There are, however, some installation and operation precautions which you should be particularly aware of.

1. **Read Instructions** — All the safety and operating instructions should be read before the appliance is operated.
2. **Retain Instructions** — The safety and operating instructions should be retained for future reference.
3. **Heed Warning** — All warnings on the appliance and in the operating instructions should be adhered to.
4. **Follow Instructions** — All operating and use instructions should be followed.
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. **Carts and Stands** — The appliance should be used only with a cart or stand that is recommended by the manufacturer.

- 6 A.  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.

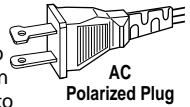
7. **Wall or Ceiling Mounting** — The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.

8. **Ventilation** — The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or, placed in built-in installation, such as a book case or cabinet that may impede the flow of air through the ventilation openings.

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

10. **Power Sources** — The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.

11. **Grounding or Polarization** — The precautions that should be taken so that the grounding or polarization means of an appliance is not defeated.



CAUTION: To prevent electric shock, match the wide blade of this plug to the wide slot, fully insert. Do not use this (polarized) plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.

12. **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, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.

13. **Cleaning** — The appliance should be cleaned only as recommended by the manufacturer.

14. **Power Lines** — An outdoor antenna should be located away from power lines.

15. **Nonuse Periods** — The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.

16. **Object and Liquid Entry** — Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

17. **Damage Requiring Service** — the appliance should be serviced by qualified service personnel when:

A. The power-supply cord or the plug has been damaged; or

B. Objects have fallen, or liquid has spilled into the appliance; or

C. The appliance has been exposed to rain; or

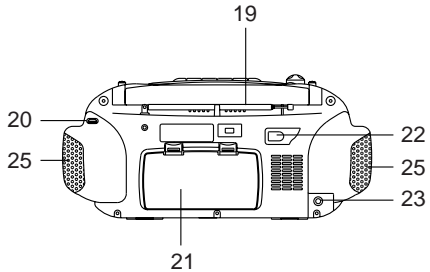
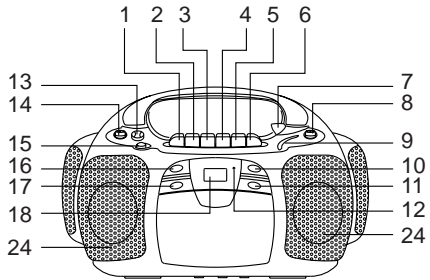
D. The appliance does not appear to operate normally or exhibits a marked change in performance; or

E. The appliance has been dropped, or the enclosure damaged.

18. **Servicing** — The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

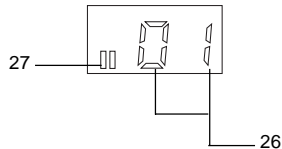
LOCATION OF CONTROLS AND INDICATORS

1. Pause Button
2. Stop / Eject Button
3. Fast Forward Button
4. Fast Rewind Button
5. Play Button
6. Record Button
7. CD Door Open
8. Band Selector
9. Tuning Dial Pointer
10. CD. F. Skip Button
11. CD B. Skip Button
12. FM Stereo LED
13. Volume Knob
14. Function Switch
15. DBB Button
16. Play / Pause Button
17. Stop Button
18. LCD Display
19. Telescopic Antenna
20. Tuning Knob
21. Battery Door
22. AC Mains
23. Headphones Jack
24. Speakers (Front)
25. Speakers (Rear)



L.C.D. DISPLAY

26. Track Number Indicator
27. Pause Indicator



POWER SUPPLY

Battery supply

- Open the battery compartment and insert as shown 8 batteries, type R14, UM2 or C-cells.
- Remove the batteries if exhausted or if they will not be used again for a long period.
 - * The battery supply is switched off when the set is connected to the mains.
- To change over to battery supply, pull out the plug from the AC MAINS socket.

Note on Environmental Protection

Do not throw exhausted batteries in the household refuse.

Hand over the old batteries to your dealer or public collecting points when buying new ones.

Mains supply

- Check if the mains voltage as shown on the type plate (on the back of the set) corresponds to your local mains voltage. If it does not, consult your dealer or service organisation.
- Connect the mains lead to the AC MAINS socket and the wall socket.
 - * The mains supply is switched on.
- To disconnect the set from the mains completely, withdraw the mains plug from the wall socket.

RADIO OPERATION

Radio aerials

- For FM, pull out the telescopic aerial. To improve FM-reception, incline and turn the aerial. Reduce its length if the FM-signal is too strong (very close to a transmitter).
- For AM, the set is provided with a built-in aerial, so the telescopic aerial is not needed. Direct the aerial by turning the whole set.

Radio reception

- Set the Function switch to RADIO.
- Adjust the sound using the **VOLUME** and **DBBS** controls.
- You may connect stereo headphones having a 3.5mm plug to the jack PHONES.
 - * Inserting the plug will disconnect the speakers.
- Select the wave band using the BAND SELECT selector.
- Tune to a desired radio station using the **TUNING** control.
- The set is switched off when the Function switch is in the TAPE position and no buttons are pressed.

COMPACT DISC OPERATION

Inserting a CD

- Set the Function switch to CD.
 - To open the CD compartment, lift the CD door on the edge marked OPEN/CLOSE.
 - Insert the AUDIO CD, printed side facing up.
 - Close the cover.
 - * The CD-player scans the contents list of the CD.
- After that, the total number of tracks appears on the display.

Playing a CD

- Press **PLAY/PAUSE** to start playback.
 - * The display shows the track number.
- Adjust the sound using the **VOLUME** and **DBBS** controls.
- For brief interruptions, press **PLAY/PAUSE**.
 - * " II " appears on the display.
- To resume playback, press **PLAY/PAUSE** again.
- To stop playback, press **STOP**.
 - The total number of tracks will then appear on the display.
 - The CD player also goes to STOP position:
 - * if you open the CD door;
 - * when the end of the CD is reached;
 - * if you move the Function selector;
 - * if the batteries run down or if the power supply is interrupted.
- To take out the CD, open the CD door by lifting the edge marked OPEN/CLOSE.
- Open the CD door only if the CD-player is in position STOP.

Previous / Next

Selecting another track during play

- Press **PREVIOUS** or **NEXT** until the required track number appears in the display.
 - * The selected track begins to play after **PLAY/PAUSE** is pressed.

Starting with a particular track

- Press **PREVIOUS** or **NEXT** until the required track number appears in the display.
- Press **PLAY/PAUSE**.
 - * Play starts from the selected track.

Searching for a passage during a play

- Hold **PREVIOUS** down to search backwards to the beginning.
- Hold **NEXT** down to search forwards to the end.

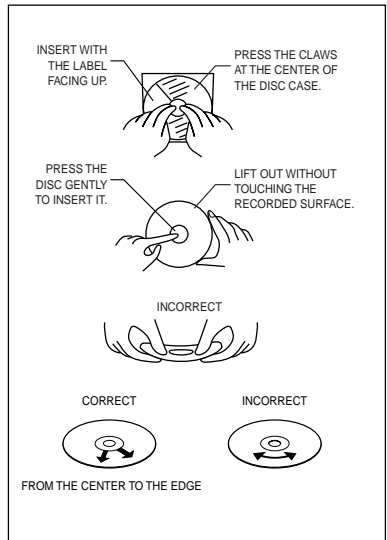
Note: This function can be described as "audibly" searching for a title. During the search, volume is reduced and returns to its adjusted level as soon as the button is released.

HANDLING COMPACT DISCS

This unit is designed to play only compact discs bearing the identification logo below. Other discs may not conform to the CD standard and may not play properly.

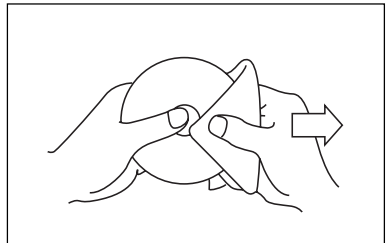


- Dirty, scratched or warped disc may cause skipping or noise.
- Handle the disc only by the edges. To keep clean, do not touch its surface.
- Discs should be stored in their cases after use to avoid serious scratches.
- Do not expose disc to direct sunlight, high humidity, high temperatures or dust etc. Prolonged exposure to extreme temperatures can warp the disc.
- Do not stick or write anything on either side of disc. Sharp writing instruments, or the inks used in some felttip pens, may damage its surface.



CLEANING DISCS

- Finger prints should be carefully wiped from the surface of disc with a soft cloth. Unlike conventional records, compact discs have no grooves to collect dust and microscopic debris, so gently wiping them with a soft cloth should remove most particles. Wipe in a straight motion from the center to the edge.
- Never use thinner, benzine, record cleaner or anti-static spray on a compact disc. Such chemicals can damage its plastic surface.



CASSETTE DECK OPERATION

Cassette playback

- Set the Function switch to **TAPE**.
- Press **STOP/EJECT** to open the cassette holder.
- Insert a recorded cassette.
- Adjust the sound using the **VOLUME** and **DBBS** controls.
- Press **PLAY** and playback will start.
 - * Playback stops when the tape in the deck reaches the end.
- For brief interruptions, press **PAUSE**.
 - * To restart playback, press this button once more.
- To stop, press **STOP/EJECT**.
 - * When the end of the tape is reached the **PLAY** button is released.
 - * The set will be switched off if the Function switch is in **TAPE** position and no buttons are pressed.

Winding the tape

- Press **FAST REWIND** to search backward to the beginning of the tape.
- Press **FAST FORWARD** to search forward to the end of the tape.

Cassette recording

- Press **STOP/EJECT** to open the cassette holder.
- Insert the cassette.
- When monitoring during recording, adjust the sound using the controls **VOLUME** and **DBBS** controls. These controls do not affect the recording.
- Start recording by pressing **RECORD**.
(The **PLAY** button is automatically also pressed).
 - * When the end of the tape is reached, the recorder buttons are released.
- To interrupt recording, press **PAUSE**.
- To continue recording, press **PAUSE** again.
- Press **STOP/EJECT** if you want to stop recording before the end of the tape.
On pressing again, the cassette holder will open.
- The set is switched off if the Function switch is in position **TAPE** and no buttons are pressed.

Recording from the CD-player

- Insert a blank or pre-recorded tape into the cassette compartment.
- Set the Function switch to **CD**.
- Start recording by pressing **RECORD** of cassette deck
(The **PLAY** button is automatically also pressed).
- Press **PLAY/PAUSE** of CD control to desired play track or from the beginning of the programmed selection.
- As soon as the desired passage is reached, pause the CD and then start recording by pressing **RECORD**.

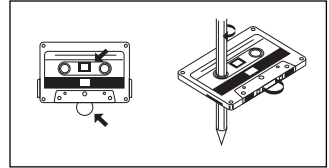
Recording from the radio

- Insert a blank or pre-recorded tape into the cassette compartment.
- Set the Function selector to RADIO.
- Select the wave band using the **BAND SELECT** switch.
- Tune to desired radio station using the **TUNING** control.
- Start recording by pressing record of cassette deck.

TIPS ON CASSETES

CHECKING THE CASSETTE

Make sure that the cassette tape has no slack prior to inserting it into the recorder. Unless the tape is taut, it may wind around the head mechanism and trouble may result. Use a pencil to wind the reels as necessary to take up any tape slack.



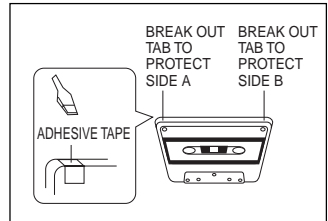
CASSETTE TPE SELECTION

The quality condition of cassette tapes used will have a direct effect on the performance of this unit. Low quality extended length tapes such as C90 (45 minutes per side) or longer are not recommended. They tend to break, stretch and can easily become entangled in the drive mechanism causing major damage. Use only NORMAL "tape A" or "type 1" cassette tape.

SAFEGUARD AGAINST ACCIDENTAL ERASING

To protect valuable recording from accidental erasing, the tape deck and the cassette are equipped with standard safety features. To protect the recorded material, break out the tabs on the top of the cassette which correspond to the side to be protected.

Note: Do not force the record button when the cassette record-protect tab has been removed. This may result in damage to the unit.



To record on a cassette whose tab have been broken off, simply attach adhesive tape over the tab opening.

PERIODIC MAINTENANCE

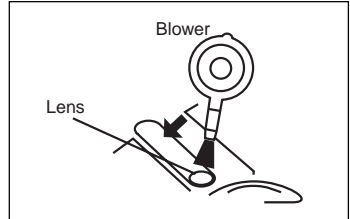
EXTERNAL CARE

Periodically wipe the cabinet with a soft cloth dampened in diluted soapy solution, then wipe with a dry cloth. Do not use harsh cleansing chemicals, they may damage or discolor the cabinet finish. Do not allow liquids or foreign objects to enter the CD compartment.

COMPACT DISC PLAYER

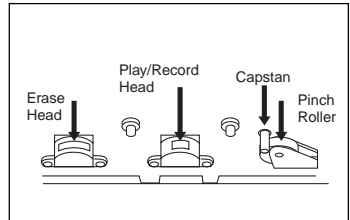
The accumulation of dust particles on the laser pickup lens may cause skipping or track jump. Use a camera lens brush/blower to blow clean. Do not touch the pickup lens. Fingerprints will also cause the player to malfunction.

See your authorized dealer/service center for further information regarding maintenance of the CD pickup system.



CASSETTE DECK

This unit has been permanently lubricated at the factory, no further lubrication is necessary. If a loss in brilliance (high frequency response) is noticed, the tape head probably needs cleaning. This may be done by playing a special head-cleaning cassette, available at most dealers. As an alternative, the surface of the head may be cleaned with a cotton swab moistened in alcohol or special head-cleaning fluid. Carefully rub the face of the head, being careful not to scratch its polished surface. Also clean the surface of the capstan and pinch roller.



SPECIFICATION

Frequency range	FM: 87 -108 MHz AM: 530 - 1710 KHz
Antennas	FM: Telescopic antenna AM: Built-in ferrite bar
Frequency response	100-8,000Hz
Speaker	3" 8 ohms speaker x 2 2" 8 ohms speaker x 2
Power output	1W + 1W
Power requiriements	AC 110V 60Hz 12V DC, UM2 (Size C) batteries
Power consumption	14W in AC operation
Dimensions	Approx. 335(W) x 245(D) x 152(H) mm
Weight	Approx. 3 Kgs. w/o batteries
Accessory supplied	AC power cord

DESIGN AND SPECIFICATION ARE SUBJECT TO CHANGE WITHOUT NOTICE.