

TEAC

COMPACT
disc
DIGITAL AUDIO

CD-P1160D

Compact Disc Player

Thanks for buying a TEAC. Read this manual carefully to get the best performance from this unit.

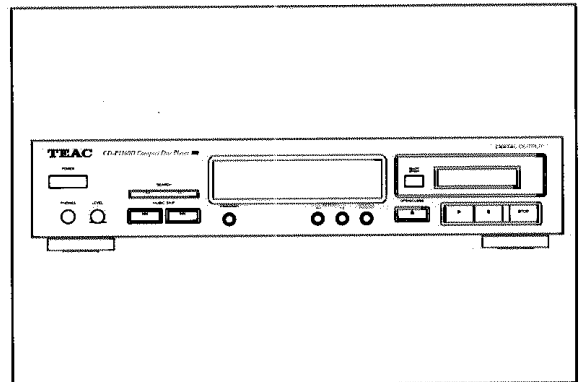
Nous vous remercions pour l'achat d'un appareil TEAC.
Lire ce manuel avec attention pour obtenir les meilleures performances possibles de cet appareil.

Vielen Dank für den Kauf dieses TEAC-Geräts.
Bitte lesen Sie diese Anleitung sorgfältig durch, um die Leistungsfähigkeit dieses Geräts optimal nutzen zu können.

Grazie per aver acquistato un prodotto TEAC.
Leggere attentamente questo manuale per ottenere le migliori prestazioni da questo apparecchio.

Enhora buena por la adquisición de un TEAC.
Lea detenidamente este manual a fin de obtener el mayor rendimiento de esta unidad.

Dank u voor de aanschaf van een TEAC.
Lees deze gebruiksaanwijzing aandachtig door teneinde de beste prestaties van dit toestel te verkrijgen.



OWNER'S MANUAL	4
MANUEL DU PROPRIETAIRE	12
BEDIENUNGSANLEITUNG	20
MANUALE DI ISTRUZIONI	28
MANUAL DEL USUARIO	36
GEBRUIKSAANWIJZING	44



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



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



The 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.



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.

This appliance has a serial number located on the rear panel. Please record the model number and serial number and retain them for your records.

Model number _____
Serial number _____

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

ENGLISH

FRANCAIS

DEUTSCH

ITALIANO

ESPAÑOL

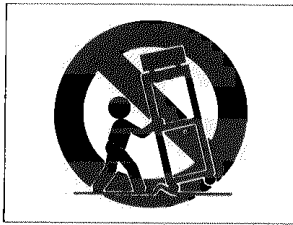
NEDERLANDS

IMPORTANT SAFETY INSTRUCTIONS

CAUTION:

- Read all of these instructions.
- Save these instructions for later use.
- Follow all warnings and instructions marked on the audio equipment.

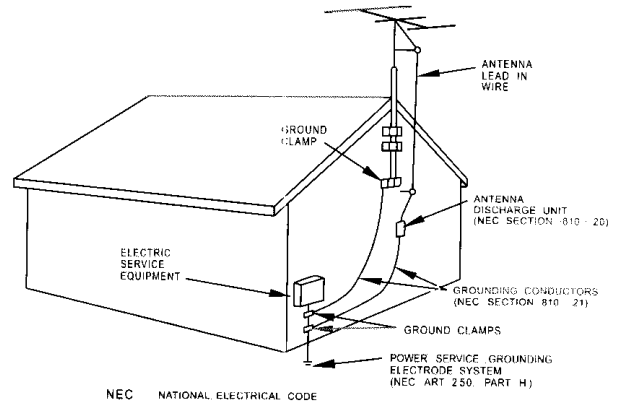
- 1) **Read instructions** – All the safety and operating instructions should be read before the product is operated.
- 2) **Retain instructions** – The safety and operating instructions should be retained for future reference.
- 3) **Heed Warnings** – All warnings on the product and in the operating instructions should be adhered to.
- 4) **Follow instructions** – All operating and use instructions should be followed.
- 5) **Cleaning** – Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
- 6) **Attachments** – Do not use attachments not recommended by the product manufacturer as they may cause hazards.
- 7) **Water and Moisture** – Do not use this product near water – for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool; and the like.
- 8) **Accessories** – Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.
- 9) A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.



- 10) **Ventilation** – Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product 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.
- 11) **Power Sources** – This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.
- 12) **Grounding or Polarization** – This product 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.
- 13) **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 product.
- 14) **Outdoor Antenna Grounding** – If an outside antenna or cable system is connected to the product, be sure the antenna or cable 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 regard 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.
Note to CATV system installer:
This reminder is provided to call the CATV system installer's attention to Section 820-40 of the NEC which 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."

Example of antenna grounding as per National Electrical Code, ANSI/NFPA 70



- 15) **Lightning** – For added protection for this product 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 product due to lightning and power-line surges.
- 16) **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.
- 17) **Overloading** – Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
- 18) **Object and Liquid Entry** – Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
- 19) **Servicing** – Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
- 20) **Damage Requiring Service** – Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - a) When the power-supply cord or plug is damaged.
 - b) If liquid has been spilled, or objects have fallen into the product.
 - c) If the product has been exposed to rain or water.
 - d) If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
 - e) If the product has been dropped or damaged in any way.
 - f) When the product exhibits a distinct change in performance – this indicates a need for service.
- 21) **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 part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
- 22) **Safety Check** – Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.
- 23) **Wall or Ceiling Mounting** – The product should be mounted to a wall or ceiling only as recommended by the manufacturer.
- 24) **Heat** – The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

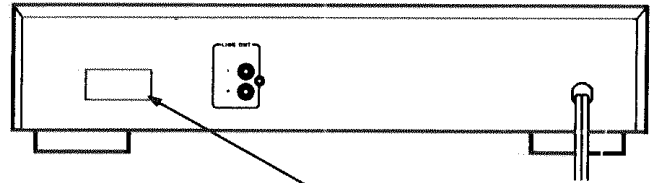
SAFETY INFORMATION

This product has been designed and manufactured according to FDA regulations "title 21, CFR, chapter 1, subchapter J, based on the Radiation Control for Health and Safety Act of 1968", and is classified as class 1 laser product. There is not hazardous invisible laser radiation during operation because invisible laser radiation emitted inside of this product is completely confined in the protective housings.

The label required in this regulation is shown 1

• CAUTION

- DO NOT REMOVE THE PROTECTIVE HOUSINGS USING SCREWDRIVER.
- USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.
- IF THIS PRODUCT DEVELOPS TROUBLE, MAKE A CONTACT WITH OUR SERVICEMAN, AND DO NOT USE THE PRODUCT IN A TROUBLED STATE.



①

CERTIFICATION

THIS PRODUCT COMPLIES WITH DHHS
RULES 21 CFR SUBCHAPTER J APPLI-
CABLE AT DATE OF MANUFACTURE

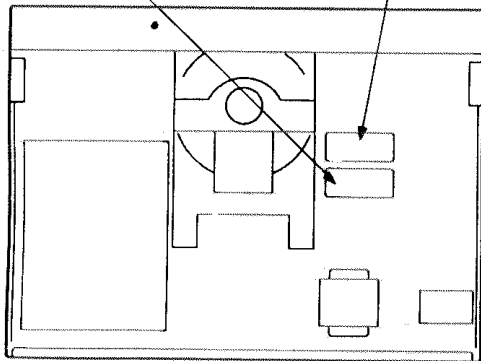
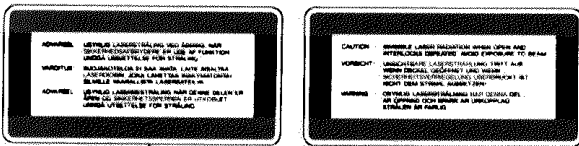
SAC CORPORATION
1-7-3 NAKA-GCHO, MITSUBISHI-SHI, TOKYO, JAPAN

TIF

For U.S.A.

Optical pickup: Type : DA-11V
Manufacturer : SANYO Electric CO., Ltd.
Laser output : Less than 0.5mW on the objective lens
Wavelength : 760 - 820nm

• CAUTION • ACHTUNG • OBSERVERA • ADVARSEL



CLASS 1 LASER PRODUCT
LUOKAN 1 LASERLAITE
KLASS 1 LASERAPPARAT

① THIS LABEL IS ATTACHED TO THE PLACE AS ILLUSTRATED TO INFORM THAT THE APPARATUS CONTAINS A LASER COMPONENT.

① DIESE AUFKLEBEMARKE IST AN DEM IN DER ABBILDUNG GEZEIGTEN ORT ANGEBRACHT UM DARAUF HINZUWEISEN, DASS IM INNERN DES GERÄTS EINE LASER-KOMPONENTE BEFINDET.

① PÅSKRIFTEN SITTER PÅ APPARATEN SOM VISAS SOM UPPMANING OM ATT APPARATEN OMFATTAR EN INBYGGD LASERKOMPONENT.

① DETTE MÆRKAT ER ANBRAGT SOM VIST I ILLUSTRATIONEN FOR AT ADVARE BRUGEREN OM AT APPARATET INDEHOLDER EN LASERKOMPONENT.

② DETTE MÆRKAT ER SOM VIST PÅ ILLUSTRATIONEN ANBRAGT PÅ INDERSIDEN AF TOPDÆKSELET FOR AT ADVARE BRUGEREN OM AT YDERLIGERE FREMTRÆNGEN VIL VÆRE FORBUNDET MED FARE FOR AT UDSÆTTE SIG FOR LASERSTRÅLING.

ADVARSEL – BETJENING AF ANDRE KONTROLLER OG REGULATORER ELLER BENYTTELSE AF ANDRE FREMGANGSMÅDER I END BESKREVET HERI ER FORBUNDET MED FARE FOR UDSÆTTELSE FOR LASERSTRÅLING.

VARNIG: APPARATEN INNEHÅLLER LASER KOMPONENT MED STRÅLNING ÖVERSTIGANDE KLASS 1

"ADVARSEL: USYNLIG LASERSTRÅLING VED ÅENING NAR SIKKERHEDSAFBRYDERE ER UDE AF FUNKTION. UNDGÅ UDSÆTTELSE FOR STRÅLING"

"VAROITUS! SUOJAKOTELOA EI SAA AVATA. LAITE SISÄLTÄÄ LASERDIODIN, JOKA LAHETTÄÄ (NAKYMÄTÖNTÄ) SILMILLE VAARALLISTA LASERSÄTEILYÄ."

ADVARSEL: USYNLIG LASERBESTRÅLING NAR DENNE DELEN ER APEN OG SIKKERHETSPPEREN EF UTKØBLET UNNGÅ UTSETTELSE FOR STRÅLING

Before Use

Read This Before Operating

- Choose the installation location of your unit carefully. Avoid placing it in direct sunlight or close to a source of heat. Also avoid locations subject to vibrations and excessive dust, heat, cold or moisture. Keep away from such sources that hum, such as transformers or motors.
- Do not open the cabinet as this might result in damage to the circuitry or electrical shock. If a foreign object should get into the set, contact your dealer.
- Be sure not to handle discs with dirty fingers. Never insert a disc which has a crack on the surface.
- When removing the power plug from the wall outlet, always pull directly on the plug, never yank the cord.
- To keep the laser-pickup clean, do not touch it, and do not forget to close the disc tray.
- Do not attempt to clean the unit with chemical solvents as this might damage the finish. Use a clean, dry cloth.
- Keep this manual in a safe place for future reference.

Beware of condensation

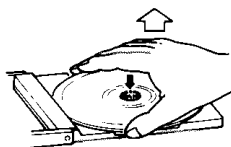
When the player (or a compact disc) is moved from a cold to a warm place or used after a sudden temperature change, there is the danger of condensation. Water vapor in the air could condense on the mechanism or the laser pickup. If droplets of water form on these parts, correct playback will be impossible because the laser cannot read the information from the disc correctly. To prevent this, if you are going to use the player in a condition where condensation could occur, you should leave the player for 1 or 2 hours after plugging it into an AC outlet depending on the amount of condensation. If this is done, the player will stabilize at the temperature of its surroundings.

Handling the Discs

This unit has been designed specifically for reproduction of compact discs bearing the "CD" mark. No other discs can be reproduced.

- Always place the compact disc in the disc tray with the label facing upward. (Compact discs can be played only on one side.)
- To remove a disc from its storage case, press down on the center of the case and lift the disc out, holding it carefully by the edges.

How to remove the disc

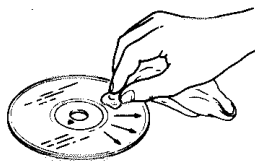


How to hold the disc



- Fingermarks and dust should be carefully wiped off the disc's recorded surface with a soft cloth.

Wipe radially

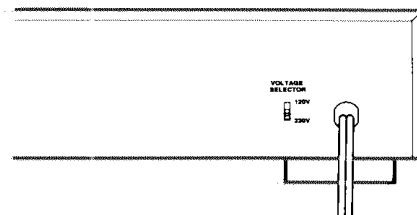


- Never use such chemicals as record sprays, antistatic sprays or fluid, benzine or thinner to clean compact discs. Such chemicals will do irreparable damage to the disc's plastic surface.
- Discs should be returned to their cases after use to avoid serious scratches that could cause the laser pickup to "skip."
- Do not expose discs to direct sunlight or high humidity and temperature for extended periods. Long exposure to high temperatures can warp the disc.
- Do not stick paper or write anything with a ballpoint pen on the surface of the label side.

Voltage Conversion (For general export models)

Be sure to remove the power cord from the AC outlet before repositioning the voltage converter switch.

1. Locate the voltage selector on the rear panel.
2. Using a flat-bladed screwdriver, set to the appropriate 230 V or 120 V position according to your area.



When using in the AC 230 V position, be sure to attach a suitable conversion attachment plug to the plug end of the AC cord. Attachment plug may be obtained at nominal cost from your local TEAC dealer.

THE APPLIANCE CONFORMS WITH EEC DIRECTIVE 87/308/EEC REGARDING INTERFERENCE SUPPRESSION

Connections

IMPORTANT (for U.K. Customers)

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.

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.

If this product is not provided with a mains plug, or one has to be fitted, then follow the instructions given below:

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

GREEN-AND-YELLOW: EARTH
BLUE: NEUTRAL
BROWN: LIVE

WARNING: This apparatus must be earthed.

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug proceed as follows.

The wire which is coloured GREEN-and-YELLOW must be connected to the terminal in the plug which is marked by the letter E or by the safety earth symbol \equiv or coloured GREEN or GREEN-and-YELLOW.

The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured BLACK.

The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured RED.

When replacing the fuse only a correctly rated approved type should be used and be sure to re-fit the fuse cover.

IF IN DOUBT — CONSULT A COMPETENT ELECTRICIAN.

Before making connections, be sure to read the instruction manual of the stereo amplifier carefully and turn the power of the stereo amplifier and the player OFF.

Caution:

If the CD player interferes with the tuner, TV receiver, etc., allow a reasonable distance between them.

■ Signal cords

When Analog Signals Are Used

Connect the LINE OUT terminals to the CD terminals, etc. of the stereo amplifier using RCA pin plug cords.

■ Power cord

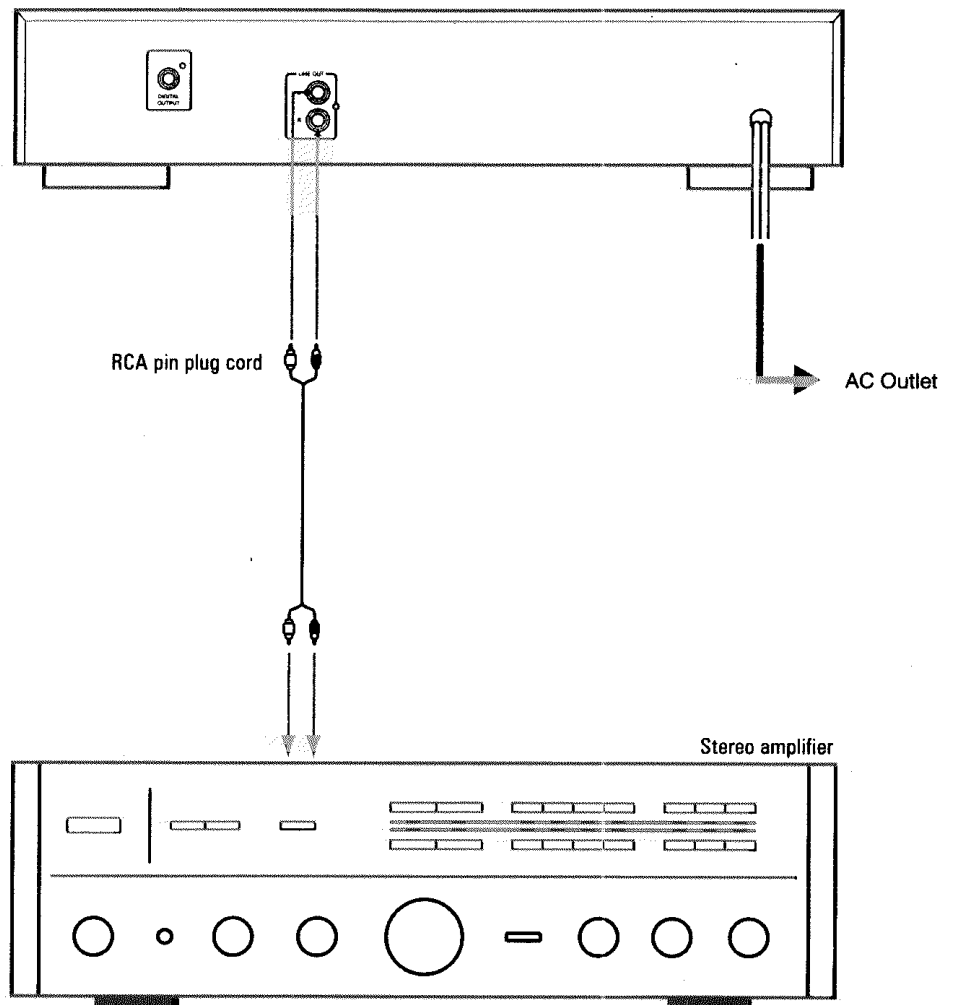
Be sure to connect the power cord to an AC outlet which supplies the correct voltage, as set by the voltage selector.

■ Headphones

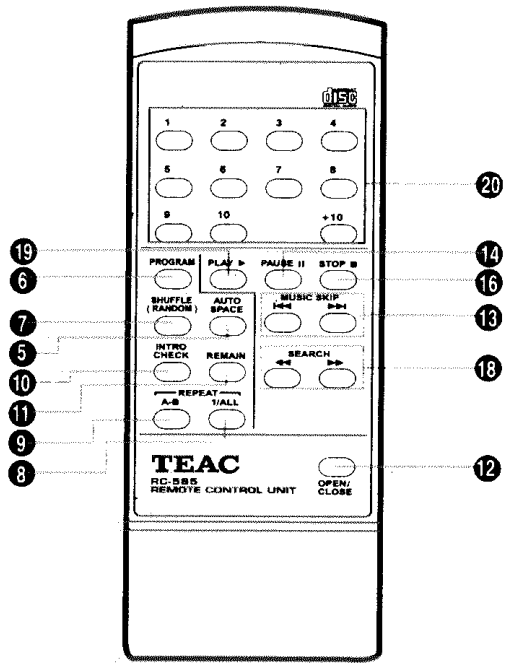
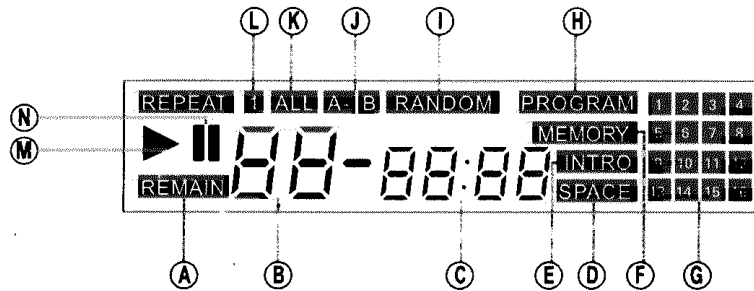
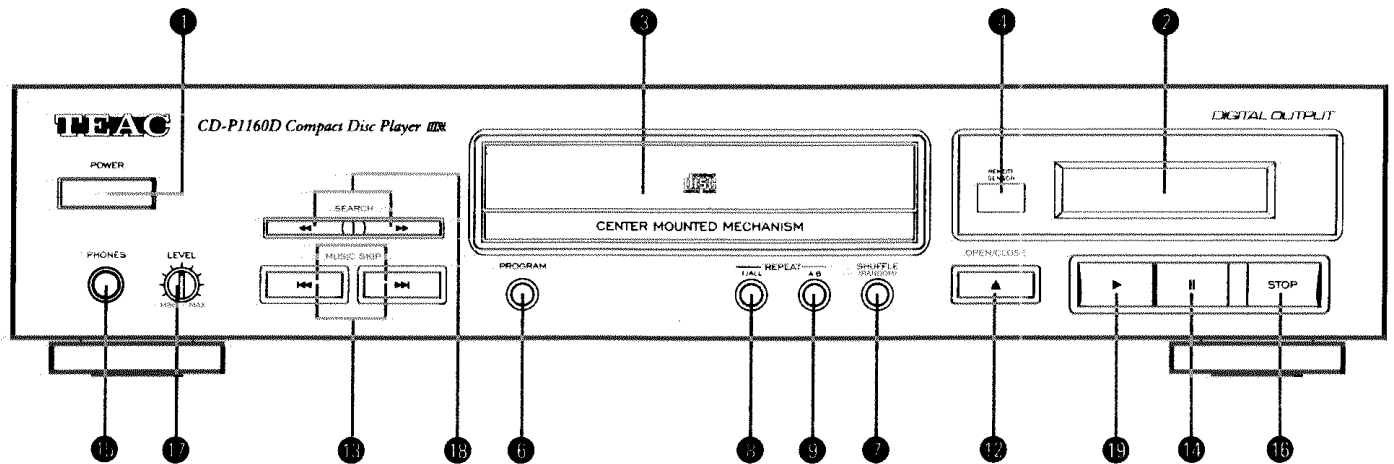
When using headphones, connect the headphone plug into the PHONES jack.

■ Coaxial-Digital Output

Connect this jack to the coaxial-digital input of a digital audio/video receiver or an external digital-to-analog converter for direct access to the digital signals of the CD-P1160D. **DO NOT** connect this jack to the standard audio inputs of any device.



Name of Each Control

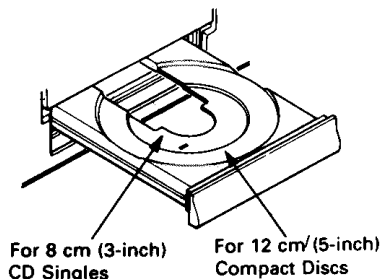


- 1 POWER switch
- 2 Multi-function display window
 - A REMAIN indicator
 - B TRACK indicator
 - C TOTAL/REMAIN time indicator
 - D Auto SPACE indicator
 - E INTRO Check indicator
 - F MEMORY indicator
 - G Music calendar display
 - H PROGRAM indicator
 - I RANDOM indicator
 - J REPEAT A ↔ B indicator
 - K REPEAT ALL indicator
 - L REPEAT 1 indicator
 - M ▶ (play) indicator
 - N || (pause) indicator
- 3 Disc tray
- 4 REMOTE SENSOR
- 5 AUTO SPACE button
- 6 PROGRAM button
- 7 SHUFFLE (RANDOM) button
- 8 REPEAT 1/ALL button
- 9 REPEAT A-B button
- 10 INTRO CHECK button
- 11 REMAIN button
- 12 OPEN/CLOSE button (▲)
- 13 MUSIC SKIP buttons (◀◀/▶▶)
- 14 PAUSE button (||)
- 15 PHONES jack
- 16 STOP button (■)
- 17 PHONES LEVEL control
- 18 SEARCH buttons (◀◀/▶▶)
- 19 PLAY button (▶)
- 20 Numeric buttons (1-10, +10)

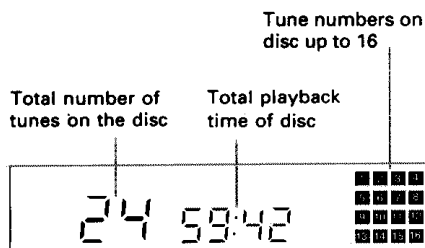
Operations

Basic Operation

1. Press the **POWER** switch.
2. Press the **OPEN/CLOSE** button.
The disc tray will slide out. Place the disc gently on the tray with its label side facing upward. The disc is set within the disc guides at the center of the tray.



3. Press the **OPEN/CLOSE** button again.
The disc tray will close. Several seconds later, the following information is displayed and the player enters the standby mode.



4. Press the **PLAY (▶)** button.
Disc playback starts from the first track, and the ▶ (play) indicator will light.
- During playback, the number of the currently played tune blinks on the music calendar.
 - When tunes have been played, their numbers will disappear from the Music Calendar display.

Direct access play:

By pressing the numeric buttons corresponding to the required tune, the player starts from the specified tune directly, without your having to press the play button.

Example 1:

To play the 5th tune:
Press **5**.

Example 2:

To play the 21st tune:
Press **2** twice, then **1**.

■ Even if the disc tray is open....

When the ▶ button is pressed:

The disc tray will close and playback starts from the first track.

■ To stop play

To stop playback:

Press the **STOP** button. The player enters the stop mode.

To unload the disc:

Press the **OPEN/CLOSE** button; playback stops and the disc tray will slide out, and all functions are reset to their initial settings.

To temporarily suspend playback (pause mode):

Press the **||** button. Playback stops at the current position and the **||** indicator lights steadily. To resume playback from the same position, press the ▶ or **||** button.

CAUTIONS :

- Do not force the tray by hand during opening and closing operations.
- Do not leave the disc tray open when the player is not in use to prevent dirt and dust from entering the mechanism.

Program Playback

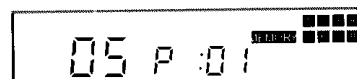
- The program playback function allows you to program up to 60 tunes (tracks) for playback in any desired order. If more than 16 tunes are entered, the rest will not be shown on the MUSIC CALENDAR display.

■ Programming required tunes

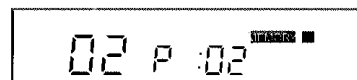
Example:

To program tunes in the order 5 → 2 → 8 in the stop mode.

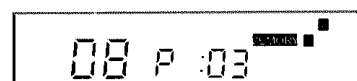
1. Press the **STOP** button.
2. Press the **PROGRAM** button.
The **MEMORY** indicator lights in the display
3. Enter the first program (track 5) using the **▶|** button.



4. Press the **PROGRAM** button.
Enter the second program (track 2), using the **▶|** button.



5. Press the **PROGRAM** button.
Enter the third program (track 8), using the **▶|** button.



6. Press the **PLAY** button.



The first programmed track starts to play.

Notes:

- If any track is finished during the disc play, the played track will automatically disappear from the MUSIC CALENDAR display.
- When all of the programmed tracks have finished playing, the LCD display will show the total number of tracks and total playing time.
- To modify the program, press the **STOP** button and restart from step 2.
- Programming tunes is possible only when the player is in the stop mode.

■ To review the Program Contents

1. Press the STOP button once during programmed disc play.
2. Press the PROGRAM button. All the track numbers stored in the program memory will be automatically shown on the MUSIC CALENDAR display (up to 16 tracks can be shown).

■ To Clear the Program Memory

1. During programmed disc play, press the STOP button once to return the CD player to the standby mode.
2. Press the OPEN/CLOSE button once, and the program memory will be cleared.

Note:

The Program memory will also be cleared if the CD player's power is switched off.

Shuffle Playback

This function is operational both at stop and during normal playback.

1. Press the SHUFFLE (RANDOM) button. The RANDOM indicator lights up in the display.
2. Press the PLAY button, and the indication **PP** appears on the TRACK display while the player is shuffling the tunes.



3. Tracks will be randomly selected and played back.



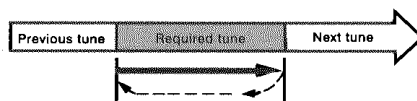
Notes:

- If the SHUFFLE (RANDOM) button is pressed during play, random play starts from the end of that track.
- Press the **▶▶** button with shuffle function engaged to select a tune at random. Press the **◀◀** button to replay currently played tune from its beginning.
- A tune cannot be replayed after it has been played in this mode.
- To release the shuffle function while it is engaged, press the SHUFFLE button again. Tunes will play back in their normal designated order, starting from the currently played tune.

Repeat Function

The repeat function allows repeat playback of any single tune (track), the entire disc, or of any desired portion on the disc designated by two (start and end) points.

■ To repeat one tune (Single repeat mode)

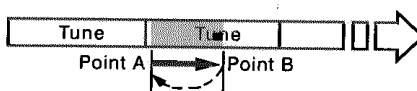


1. Press the 1/ALL button. The REPEAT and 1 indicators light.
2. Press the numeric buttons corresponding to the required tune. The selected tune is played, then when the end of the tune is reached, the player will return to the beginning of the tune and playback starts again. In this way, the selected tune will be played back repeatedly.

■ To repeat an entire disc (All repeat mode)

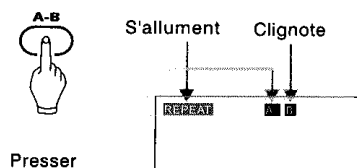
1. Press the 1/ALL button twice. The REPEAT and ALL indicators light.
2. Press the PLAY button. Playback starts and, when the end of the disc is reached, the player will return to the beginning of the first tune, and then playback continues repeatedly.

■ To repeat a designated section (A-B repeat mode)



1. Press the numeric buttons or the PLAY button to start playback.
2. Designate the point at which playback should start (point A) by pressing the A-B button.

The REPEAT and A ↔ indicators light and the B indicator blinks to show that point A has been entered.



3. When the portion at which repeat playback should end is reached, press the A-B button again to designate point B.

The B indicator is changed to light steadily to show that the A-B repeat function has been activated.

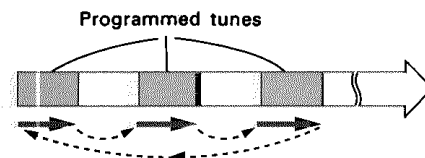


Press again.

The player automatically returns to point A and restarts playback. When play reaches point B, the player returns to point A and starts playback again, repeatedly.

■ Programmed repeat playback

Repeat function can be activated even in the programmed playback mode. To repeat all the programmed tunes, press the 1/ALL button twice. (At this time, check that the REPEAT and ALL indicators light.)



- When the 1/ALL button is pressed ON during programmed repeat playback, the tune (track) currently playing will be played back repeatedly.
- Any of the repeat functions can be released by pressing the repeat button again.

Music Search Operation

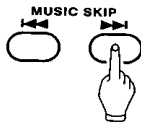
■ Music search using MUSIC SKIP buttons (◀◀/▶▶)

The beginning of any tune can be easily located using the **◀◀** and **▶▶** MUSIC SKIP buttons during playback or in the pause mode. This operation is indicated clearly in the TRACK display.

- This operation is possible even in the program playback mode. However, only programmed tunes will be detected.

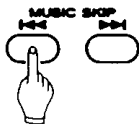
■ To skip to the next tune
Press the ►► button.

The player will skip ahead to the next tune each time the ►► button is pressed. The player can be advanced to the last tune in this way, but once the beginning of the last tune is reached, the player will not advance even if the ►► button is pressed. Instead, playback of the last tune will begin.



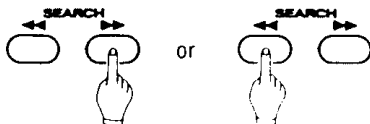
■ To skip back to the previous tune
Press the ◄◄ button.

The player will skip back one tune each time the ◄◄ button is pressed. If this button is pressed in the middle of a tune, the player will skip back to the beginning of the current tune. To make it skip back to the previous tune, the button must be pressed twice. In this way, the player can be returned to the beginning of the first tune on the disc.



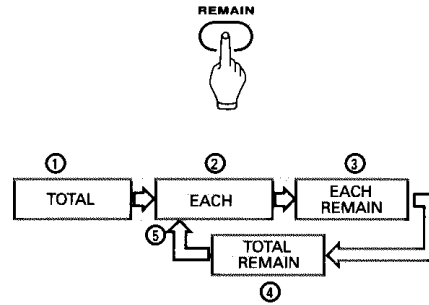
■ Music search using SEARCH buttons (◄◄ / ►►)

During playback or in the pause mode, hold down the ►► button to move the playing position quickly in the forward direction, and hold down the ◄◄ button to move quickly in the reverse direction. During the manual search operation, sound will be audible but the output level will be lowered. This lets you search for any required portion while checking the sound. When the desired position is reached, release the button to reenter the previous mode.



Time Counter Display

The time counter shows various time readouts, as follows.



- ① **Total disc playback time**
After the disc tray is closed with the disc loaded, total disc playback time and total number of tunes on the disc is displayed.
 - ② **Elapsed time display**
When playback begins, the elapsed time of the tune being played is displayed in minutes and seconds.
 - ③ **Remaining time display (REMAIN)**
Displayed when the REMAIN button is pressed once. This provides an easy check of the remaining time of the tune being played.
 - ④ **Total remaining time display (TOTAL REMAIN)**
Displayed when the REMAIN button is pressed twice. The time displayed is the total remaining playback time from the position being played, to the end of the disc; the counter counts down to "00:00" during playback.
 - ⑤ **Elapsed time display**
Displayed after the REMAIN button is pressed three times. The time displayed is the elapsed playback time.
- In normal playback mode, if a tune with a number higher than 31 is being played, the remaining time will not be displayed in the time counter even when the REMAIN button is pressed. Instead, "--:--" will be indicated on the time indicator.



Auto Spacing

When this function is activated, an interval of approx. 4 seconds will be inserted between tunes automatically, so they are played back with a fixed spacing. To activate this, press the AUTO SPACE button so that the SPACE indicator lights in the display. When the auto space button is pressed again, the indicator goes off and the auto spacing function is released.



Intro Check Function

The intro check function allows only the beginning of each track to be played for 10 seconds.

- 1. Press the INTRO CHECK button. The INTRO and PLAY indicators will be indicated.



- 2. Press the INTRO CHECK button again to clear the Intro Check function.

- The intro check function also works together with RANDOM and REPEAT ALL functions. This function will not stop until the STOP button is pressed.



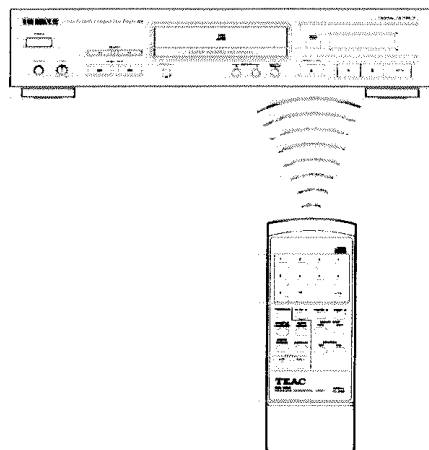
- The intro check function also works together with the PROGRAM function.



Remote-Controlled Operation

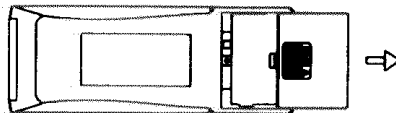
■ Remote Control Unit

The provided Remote Control Unit allows the unit to be operated from a distance. When operating the remote control unit, point it towards the remote sensor on the front panel of the unit.



- Even if the remote control unit is operated within the effective range, remote control operation may be impossible if there are any obstacles between the player and the remote control.
- If the remote control unit is operated near other appliances which generate infrared rays, or if other remote control devices using infrared rays are used near the player, the player may operate incorrectly. In the reverse way, the other appliances may operate incorrectly.

■ Battery Installation



1. Remove the battery compartment cover.
2. Insert two "AA" (R6, SUM-3) dry batteries. Make sure that the batteries are inserted with their positive (+) and negative (-) poles positioned correctly.
3. Close the cover until it clicks.

Battery Replacement

If you notice that the distance between the remote control unit and the player for correct operation becomes shorter, it indicates that the batteries are exhausted. In this case replace the batteries with new ones.

Precautions concerning batteries

- Be sure to insert the batteries with correct positive (+) and negative (-) polarities.
- Use batteries of the same type. Never use different types of batteries together.
- Rechargeable and non-rechargeable batteries can be used. Refer to the precautions on their labels.
- When the remote control unit is not to be used for a long time (more than a month), remove the batteries from the remote control unit to prevent them from leaking. If they leak, wipe away the liquid inside the battery compartment and replace the batteries with new ones.
- Do not heat or disassemble batteries and never dispose of old batteries by throwing them in a fire.

Specifications

GENERAL

Power Requirements:

- 120 VAC, 60 Hz (U. S. A. Model)
- 230 VAC, 50 Hz (UK/Europe Model)
- 120/230 VAC, 50-60 Hz (General Export Model)
- 240 VAC, 50 Hz (Australia Model)

Power Consumption: 15 Watts (AC)

Dimensions (WxHxD): 435 x 80 x 280 mm (17-1/8" x 3-1/8" x 11")

Net Weight: 4.0 kg

CD PLAYER

Pickup: 3-beam, semiconductor laser

Encoding: 16 bits linear

Frequency Response: 5 Hz - 20 kHz \pm 1 dB

Total Harmonic Distortion: < 0.03% (1 kHz)

Signal-to-Noise Ratio (S/N): > 100 dB

Channel Separation: > 85 dB (1 kHz)

Wow and Flutter: Below measurable limit

- Improvements may result in specification or feature changes without notice.
- Photos and illustrations may differ slightly from production models.

Troubleshooting

Basic troubleshooting of a CD player is similar to troubleshooting of any other electrical or electronic equipment. Always check the most obvious possible causes first. To give you a few ideas of what to look for, check the following:

Problem	Probable Cause	Remedy
No power when POWER is pressed.	Power plug not inserted securely.	Plug in securely.
No playback when disc is loaded.	Disc loaded with label side down.	Load with label side up.
	Disc dirty.	Clean disc surface.
No audio output.	Connection to stereo system is incorrect.	Check connections.
A single tune can only be played.	1/ALL button engaged.	Press button to disengage it.
No program playback.	PROGRAM button not pressed.	Press button to display "MEMORY".
Mistracing (sound jumping).	Player receiving vibration or shock.	Change the installation position of the player.
	Disc dirty.	Clean disc surface.
Hum	Pin-cord plug not connected securely.	Re-connect plug securely.
Noise in tuner.	Player too near tuner.	Keep a reasonable distance between them or switch off player's power.
Remote control unit operation is impossible.	Player's POWER switch set to OFF.	Set switch to ON.
	Batteries not inserted in remote control unit.	Insert batteries.

Caution:

Since the unit incorporates a microcomputer, it may not operate correctly because of external noise, etc. If this happens, turn the power switch OFF, then turn it ON again and restart operations.

For U.S.A.

TO THE USER

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 interference in a residential area. This device generates and uses radio frequency energy and if not installed and used in accordance with the instructions, it may cause interference to radio or TV reception. If this unit does cause interference with TV or radio reception you can try to correct the interference by one or more of the following measures:

- a) Reorient or relocate the receiving antenna.
 - b) Increase the separation between the equipment and the receiver.
 - c) Plug the equipment into a different outlet so that it is not on the same circuit as the receiver.
- If necessary, consult the dealer or an experienced radio/TV technician for additional suggestions.

CAUTION

Changes or modifications to this equipment not expressly approved by TEAC CORPORATION for compliance could void the user's authority to operate this equipment.

For CANADA

THIS DIGITAL APPARATUS DOES NOT EXCEED THE CLASS B LIMITS FOR RADIO NOISE EMISSIONS FROM DIGITAL APPARATUS AS SET OUT IN THE RADIO INTERFERENCE REGULATIONS OF THE CANADIAN DEPARTMENT

LE PRESENT APPAREIL NUMERIQUE N'EMET PAS DE BRUITS RADIOELECTRIQUES DEPASANT LES LIMITES APPLICABLES AUX APPAREILS NUMERIQUES DE CLASSE B PRESCRITES DANS LE REGLEMENT SUR LE BROUILLAGES RADIOELECTRIQUE EDICTE PAR LE MINISTERE DES COMMUNICATIONS DU CANADA.

For CANADA

AC POWER CORD CONNECTION

CAUTION:

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

CORDE DE CONNEXION CA

ATTENTION:

POUR ÉVITER LES CHOCS ÉLECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU'AU FOND.

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