

Technics®

Compact Disc Player

Operating Instructions



Model No. **SL-PG4**



COMPACT
disc
DIGITAL AUDIO

Before connecting, operating or adjusting this product, please read these instructions completely.
Please keep this manual for future reference.

Dear customer

Thank you for purchasing this product.
For optimum performance and safety, please read these instructions carefully.

User memo:

DATE OF PURCHASE _____
DEALER NAME _____
DEALER ADDRESS _____
TELEPHONE NUMBER _____

The model number and serial number of this product can be found on either the back or the bottom of the unit.
Please note them in the space provided below and keep for future reference.

MODEL NUMBER _____ **SL-PG4** _____
SERIAL NUMBER _____

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The laser product label has not been attached to this product.

CAUTION!

THIS PRODUCT UTILIZES A LASER.
USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.
DO NOT OPEN COVERS AND DO NOT REPAIR YOURSELF.
REFER SERVICING TO QUALIFIED PERSONNEL.

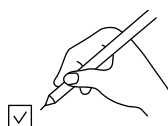
WARNING:

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR PRODUCT DAMAGE, DO NOT EXPOSE THIS APPLIANCE TO RAIN, SPLASHING, DRIPPING OR MOISTURE.

CAUTION!

DO NOT INSTALL, OR PLACE THIS UNIT, IN A BOOKCASE, BUILT-IN CABINET OR IN ANOTHER CONFINED SPACE. ENSURE THE UNIT IS WELL VENTILATED. TO PREVENT RISK OF ELECTRIC SHOCK OR FIRE HAZARD DUE TO OVERHEATING, ENSURE THAT CURTAINS AND ANY OTHER MATERIALS DO NOT OBSTRUCT THE VENTILATION VENTS.

Supplied accessories



Please check and identify the supplied accessories.

Use numbers indicated in parentheses when asking for replacement parts.

To order accessories contact 1-800-332-5368 or web site(<http://www.panasonic.com>).

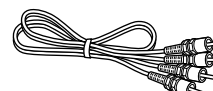
AC power supply cord (RJA0065-A) 1 pc.



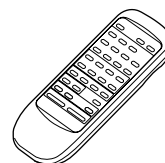
Note

The included AC power supply cord is for use with this unit only. Do not use it with other equipment.

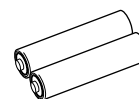
Stereo connection cable (RJL2P004B08A) 1 pc.



Remote control (EUR645275) 1 pc.



Batteries for remote control 2 pcs.



CAUTION

**RISK OF ELECTRIC SHOCK
DO NOT OPEN**



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE SCREWS. 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.

IMPORTANT SAFETY INSTRUCTIONS

Read these operating instructions carefully before using the unit. Follow the safety instructions on the unit and the applicable safety instructions listed below. Keep these operating instructions handy for future reference.

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use attachments/accessories specified by the manufacturer.
- 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 13) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



In the U.S.A., contact the Panasonic Customer Call Center at 1-800-211-7262, or web site (<http://www.panasonic.com>). In Canada, contact Panasonic Canada Inc. Customer Care Centre at (905) 624-5505, or web site (www.panasonic.ca), or an authorized Servicentre nearest you.

CAUTION:

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 generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, 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 turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

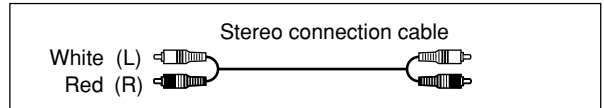
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any unauthorized changes or modifications to this equipment would void the user's authority to operate this device.

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 undesired operation.

A Connections

Turn off all components before making any connections.



You can also connect the AC power supply cord to the AC outlet on a receiver or amplifier.

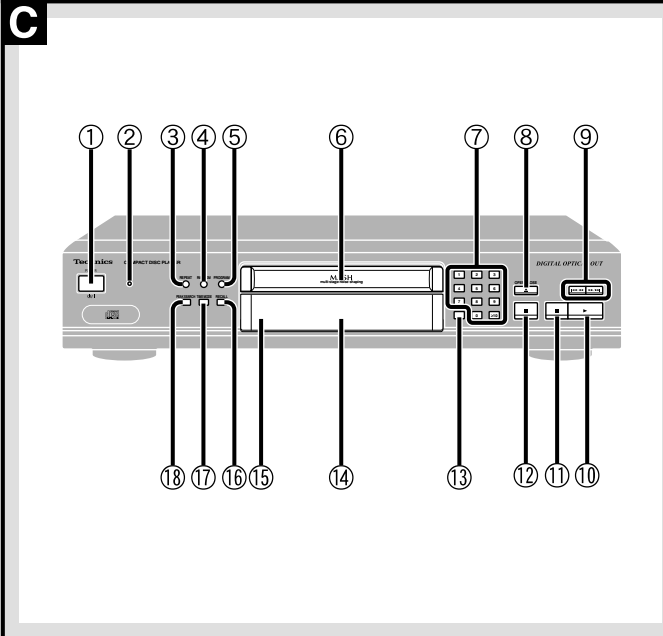
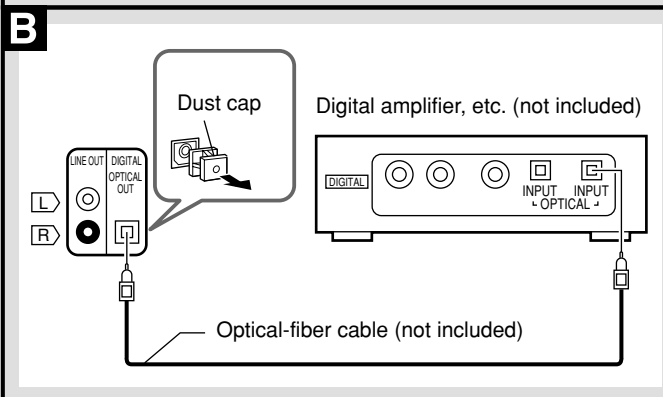
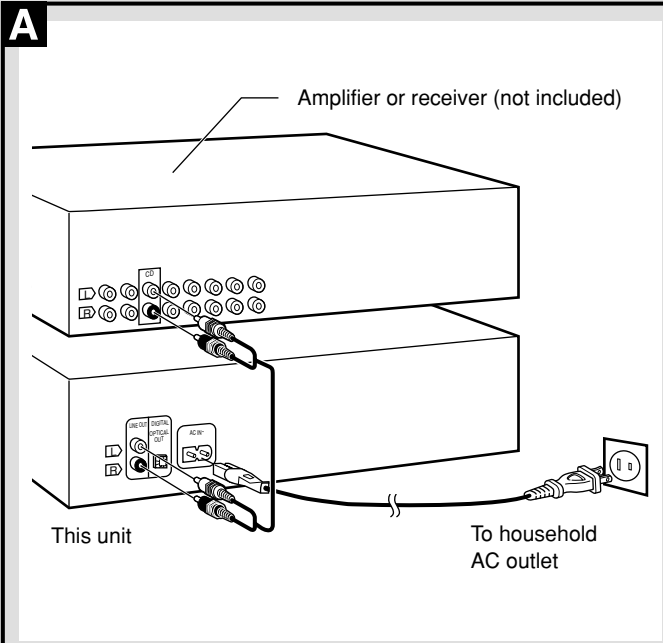
B Connection to a digital amplifier

Remove the dust cap before use. If the terminal is not going to be used, reattach the dust cap to prevent exposure to dust.

C Control reference guide

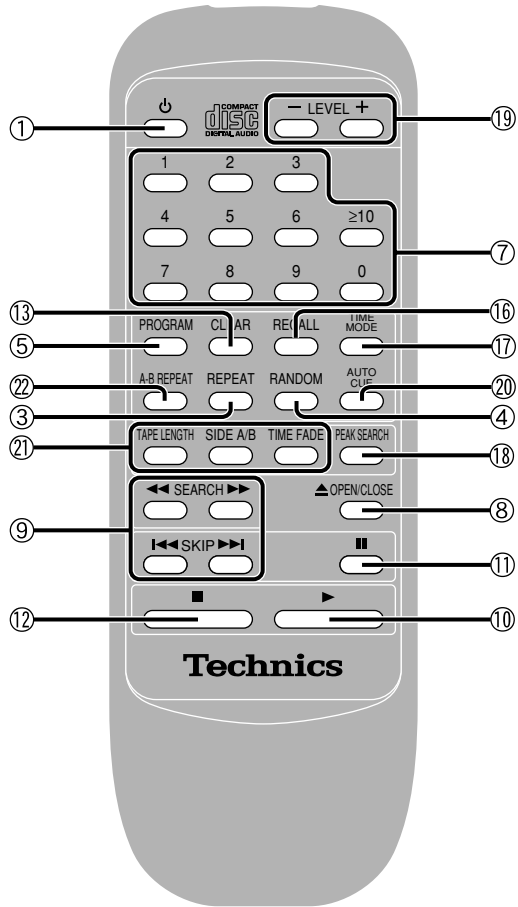
No.	Name	Reference page(s)
-----	------	-------------------

- | | | |
|---|---|----|
| ① | Standby/on switch (/ I POWER) | 6 |
| | Press to switch the unit from on to standby mode or vice versa. In standby mode, the unit is still consuming a small amount of power. | |
| ② | Standby indicator () | 4 |
| | When the unit is connected to the AC power supply, this indicator lights up in standby mode and goes out when the unit is turned on. | |
| ③ | Repeat button (REPEAT) | 7 |
| ④ | Random play button (RANDOM) | 7 |
| ⑤ | Program button (PROGRAM) | 8 |
| ⑥ | Disc tray | 6 |
| ⑦ | Numbered buttons (1–9, 0, ≥10) | 7 |
| ⑧ | Disc tray open/close button (OPEN/CLOSE) | 6 |
| ⑨ | Skip/search buttons () | 6 |
| ⑩ | Play button () | 6 |
| ⑪ | Pause button () | 6 |
| ⑫ | Stop button () | 6 |
| ⑬ | Clear button (CLEAR) | 8 |
| ⑭ | Display panel | 4 |
| ⑮ | Remote control signal sensor | 5 |
| ⑯ | Program recall button (RECALL) | 8 |
| ⑰ | Time display mode button (TIME MODE) | 11 |
| ⑱ | Peak search button (PEAK SEARCH) | 9 |



The remote control

A



A Button guide

With the exception of buttons 19 to 22, the buttons on the remote control function the same as the buttons on the main unit.

No.	Name	Reference page(s)
19	Level control (- LEVEL +)	11
20	Auto cue button (AUTO CUE)	10
21	CD edit record buttons	
	• Tape length button (TAPE LENGTH)	9
	• Tape side select button (SIDE A/B)	9
	• Time fade button (TIME FADE)	11
22	A-B repeat button (A-B REPEAT)	7

B Batteries

Insert so the poles (- and +) match those in the remote control. Do not use rechargeable type batteries.

Do not;

- mix old and new batteries.
- use different types at the same time.
- heat or expose to flame.
- take apart.
- short circuit.
- attempt to recharge manganese batteries.

Mishandling of batteries can cause electrolyte leakage which can damage items the fluid contacts and may cause a fire.

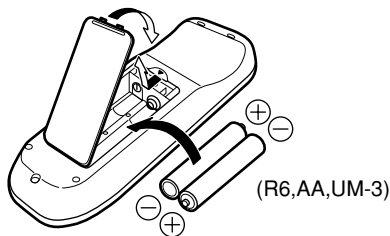
If electrolyte leaks from the batteries, consult your dealer.

Wash thoroughly with water if electrolyte comes in contact with any part of your body.

Remove if the remote control is not going to be used for a long period of time. Store in a cool, dark place.

Replace if the unit does not respond to the remote control even when held close to the front panel.

B



C Use

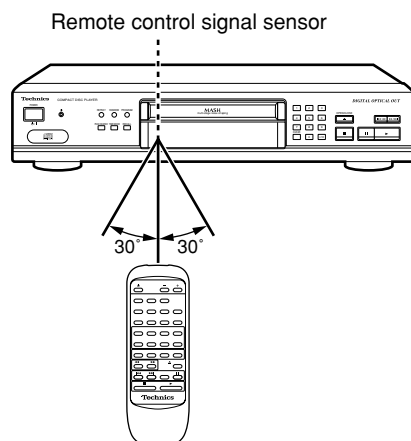
Aim at the sensor, avoiding obstacles, at a maximum range of 7 meters directly in front of the unit.

- Keep the transmission window and the unit's sensor free from dust.
- Operation can be affected by strong light sources, such as direct sunlight, and the glass doors on cabinets.

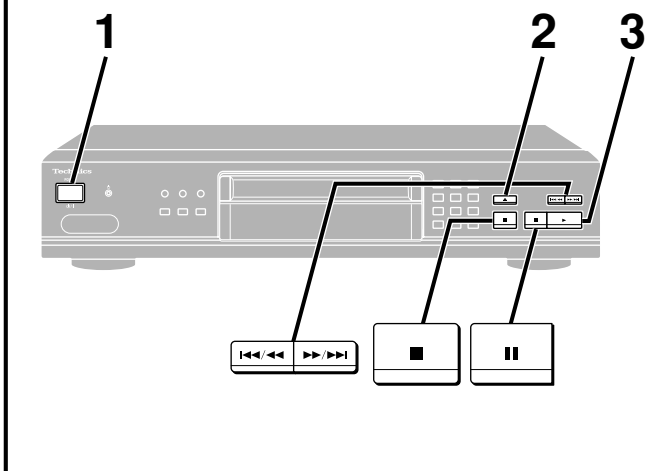
Do not;

- put heavy items on the remote control.
- take the remote control apart.
- spill liquids onto remote control.

C



Normal play



1 Press [⏻/ I POWER] to turn the unit on.

- “no diSC” indicates you haven’t inserted a CD.
- Play starts automatically if a CD is loaded.

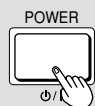
2 Press [⏮ OPEN/CLOSE] to open the tray.

- Insert a CD label up on the tray.
- Press [⏮ OPEN/CLOSE] again to close the tray.
- (If you press [▶] instead, the tray closes and play starts.)

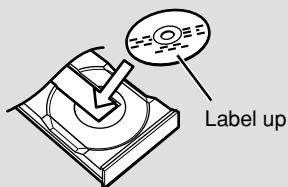
3 Press [▶] to start play.

- Play stops after all tracks have been played.

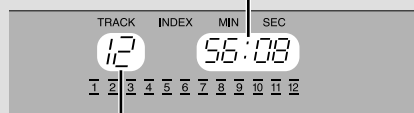
1



2

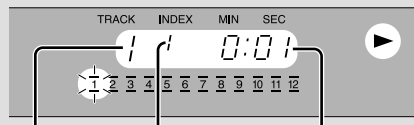
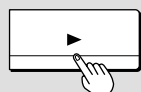


Total playing time



Total number of tracks

3



Track currently playing Index number Elapsed time

To stop play

Press [■].

To pause play

Press [⏸]. Press [▶] to resume play.

To skip tracks

- Press [⏮/◀] (backward) or [▶/⏭] (forward).
- Press [⏮/◀] twice to skip to the beginning of the previous track.

To search through tracks

- During play**
- Press and hold [⏮/◀] (backward) or [▶/⏭] (forward).

For your reference

“▶” is displayed if there are 17 or more tracks on the disc.

Note

- You cannot skip to tracks already played in random play (➡ page 7).
- Skipping is done in the selected order in program play (➡ page 8).
- You can search only within a track in random and program play.

A CD selection and care

Choose discs with this mark: (Ⓐ)

Playing CD-R and CD-RW

This unit can play CD-DA format audio CD-R and CD-RW that have been finalized* upon completion of recording. It may not be able to play some CD-R or CD-RW due to the condition of the recording.

*Finalizing is a process that enables CD-R/CD-RW players to play audio CD-R and CD-RW.

Do not:

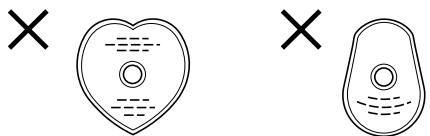
- use irregularly shaped CDs (ⓑ).
- attach extra labels and stickers.
- use CDs with labels and stickers that are coming off or with adhesive exuding from under labels and stickers (ⓒ).
- attach scratch-proof covers or any other kind of accessory.
- write anything on the CD.
- clean CDs with liquids. (Wipe with a soft, dry cloth.)

A

Ⓐ

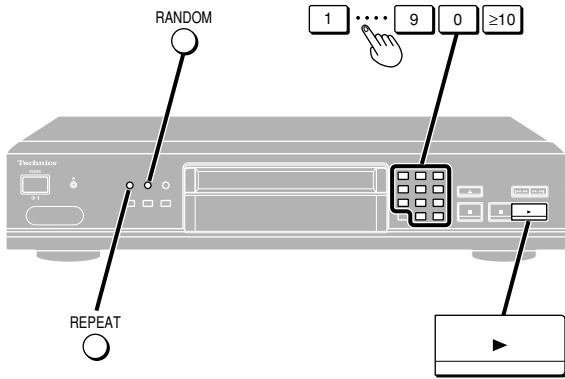
COMPACT
disc
DIGITAL AUDIO

ⓑ



ⓒ





Other play modes

A Direct access play:
Starts normal play from a selected track

Press the numbered buttons.

For tracks numbered 10 and over, press ≥ 10 and the two digits.
For example, to select track 12, press ≥ 10 then [1] and [2].

B Random play:
Plays all tracks or programmed tracks once each in random order

Press [RANDOM].

Random play is canceled when play stops.

To cancel

Press [RANDOM]. "RANDOM" goes out.

C Repeat:
Repeats all tracks or programmed tracks

Press [REPEAT] before or during play.

To cancel

Press [REPEAT]. "REPEAT" goes out.

To repeat only one track or specific tracks

1. Start program play (➡ page 8).
2. Press [REPEAT].

D A-B repeat:
Repeats a section between two specified points

Remote control only

1 During play
Press [A-B REPEAT] at the start point.

2 Press [A-B REPEAT] at the end point.
The segment between the two points plays repeatedly.

To cancel

Press [A-B REPEAT].

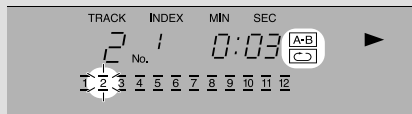
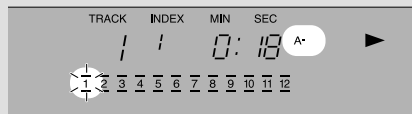
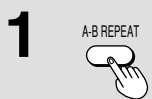
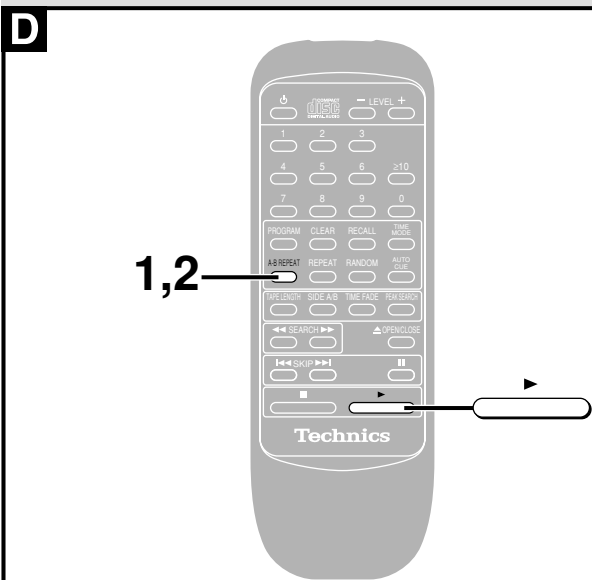
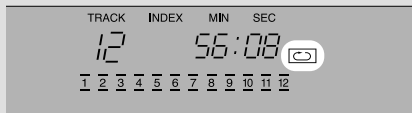
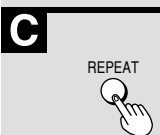
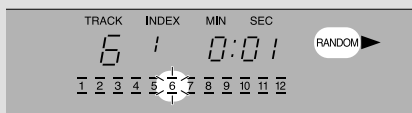
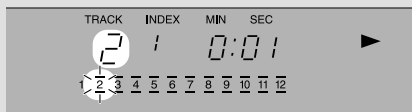
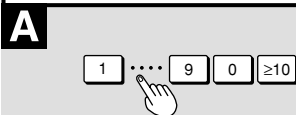
Note

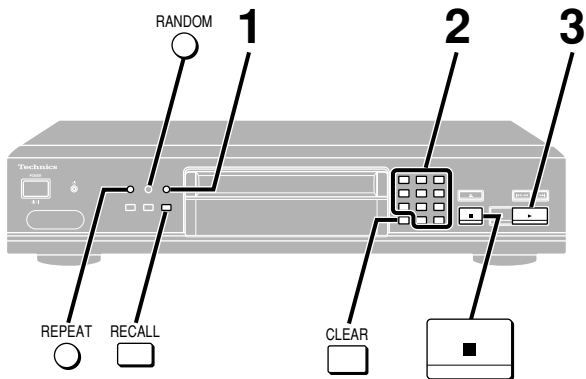
A-B repeat does not work during random and program play.

For your reference

You can return to point A at any time by pressing [▶]. You do not have to specify a point B.

You can search (➡ page 6) beyond A and B without canceling A-B repeat.





1

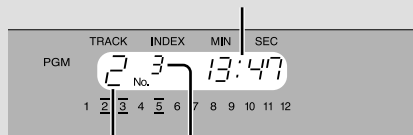
PROGRAM



2



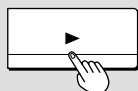
Total playing time of program



Last track number programmed

Program position

3



Other play modes

Program play:

Select up to 20 tracks to play in the order you choose

1 Press [PROGRAM].

The track playing is programmed as the first track if you press the button during play.

2 Press the numbered buttons to enter the track number.

For tracks numbered 10 and over, press ≥ 10 and the two digits.

Press [CLEAR] if you enter a number in error (while stopped). Repeat this step to program the tracks in the required order.

3 Press [▶].

All the tracks are played in the selected order.

To cancel program mode

Press [PROGRAM].

"-F" is displayed

You have programmed 20 tracks and cannot program any more.

"--:--" is displayed

Total playing time of the program exceeds 99 minutes and 59 seconds. You can still program and play tracks.

To check the contents of the program

Press [RECALL].

The track numbers and their programmed positions are displayed each time you press the button.

To program additional tracks

Press the numbered buttons.

To clear tracks from the program

From the last track	Press [CLEAR] while stopped.
A particular track	Press [RECALL] to display the track, then press [CLEAR].
All tracks	Press [■] while stopped. Program play is also canceled.

For your reference

- The program remains in the memory after play finishes. Press [▶] to play the same program again.
- To play the program repeatedly
Press [REPEAT] after starting program play.
- To play the program randomly
Press [RANDOM] after programming the tracks.

CD edit recording

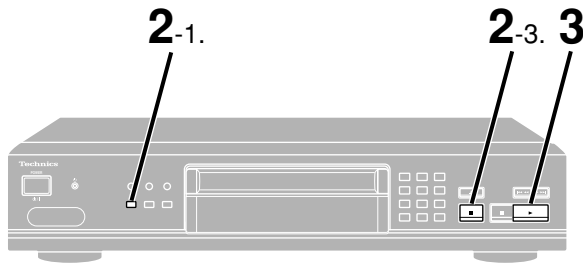
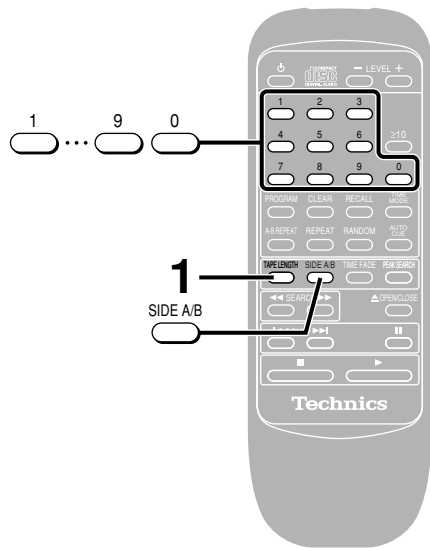
You can specify the length of the tape and the unit divides the tracks on the CD between the two sides so they aren't cut off.

A four-second interval is added between tracks so that tape program sensor functions that find the beginnings of tracks will work correctly. There is also a peak search feature that makes it easier to adjust the recording level on the cassette deck.

Preparation: Prepare the cassette deck and tape.

Refer to the cassette deck's operating instructions.

If it is a double-sided deck, set the reverse mode to single-sided recording and the play direction to "▶".



1 Remote control only

Press [TAPE LENGTH] to specify the tape length.

The tape length changes each time you press the button.

□ C-46 → C-60 → C-90 → C--- □

The unit programs the tracks to go on sides A and B.

- To select an irregular tape length, select "C---", then press the numbered buttons to enter the total length of the tape (1 to 99 minutes). For example, for a five-minute tape, press [0]-[5]. Press [TAPE LENGTH] to select "C---" again if you enter the wrong time.
- To add tracks to the extra space, see below.
- To show the information for side B, press [SIDE A/B].

2 Adjust the recording level.

1. Press [PEAK SEARCH].

The search takes about one and a half minutes for a 60-minute CD. The unit repeatedly reproduces a 6-second segment around the peak.

2. Adjust the recording level.

Refer to the cassette deck's operating instructions.

3. Press [■] to stop the CD.

3 Press [▶] at the same time you begin recording.

•When the tracks allotted to side A finish playing

Play pauses at the beginning of the first track for side B. Allow the cassette deck to record to the end of side A.

•To continue recording on side B

1. Eject the tape and wind on the leader.

2. For a double-sided deck

Reinsert the tape and set the play direction to "◀".

For a single-sided deck

Turn the tape over and reinsert it.

3. Press [▶] at the same time you begin recording.

To cancel CD edit mode

Press [■].

For your reference

• You cannot edit more than 20 tracks.

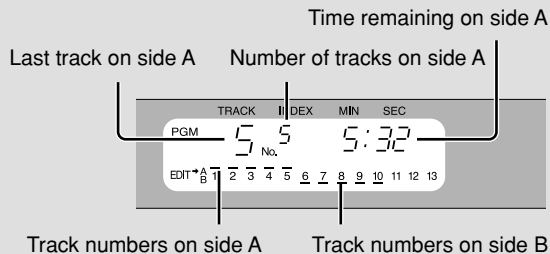
To record in these cases, start normal play and recording at the same time.

• You can record specific tracks by programming them first (➡ page 8, steps 1 and 2).

• Discs have multiple peaks so a different peak may be found each time you perform a search.

1

TAPE LENGTH



2

PEAK SEARCH

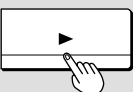
1.



3.



3



CD edit recording

A To add tracks to the extra space

Remote control only

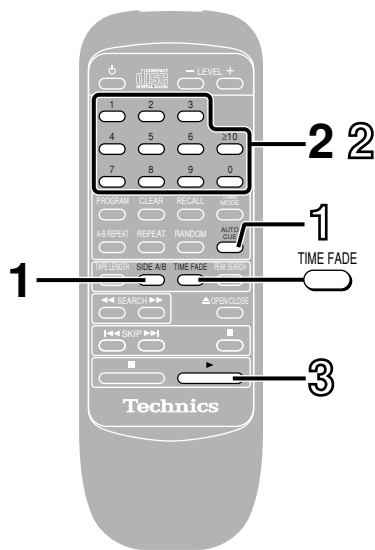
Before starting recording

- 1 Press [SIDE A/B] to select the side.
- 2 Press the numbered buttons to specify the track number.

A minus sign appears if the track is longer than the remaining time.

To fade out at the end of the tape when the minus sign is displayed

Press [TIME FADE].

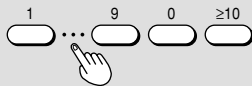


A

1



2

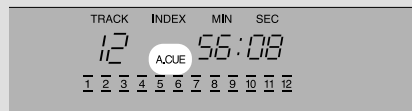


Minus sign

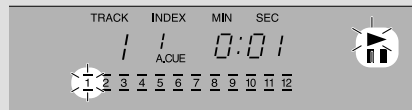
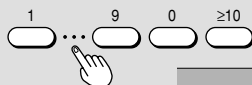


B

1



2



3



Other functions

B Auto cue

Remote control only

The unit pauses at the beginning of each track. Use this feature when you want to play or record immediately.

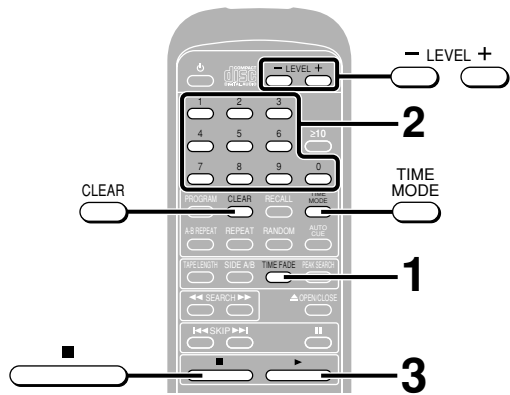
- 1 Press [AUTO CUE].
- 2 Press the numbered buttons to select the track number.
Play pauses.
Instead of selecting a track, you can program tracks (➔ page 8, steps 1 and 2), or start random play (➔ page 7).
- 3 Press [▶].
Sound is heard immediately.
Play pauses again at the beginning of the next track.

To cancel

Press [AUTO CUE] during play.

Note

Auto cue may not work correctly if tracks begin softly or have a lot of noise.



Other functions

A Output level control

Remote control only

This lowers the output level to temporarily reduce the volume.

Press [- LEVEL].

The output level reduces by 2 dB each time you press the button, down to a maximum of -12 dB.

0 dB → -2 dB → -4 dB ... → -12 dB

To raise the level again

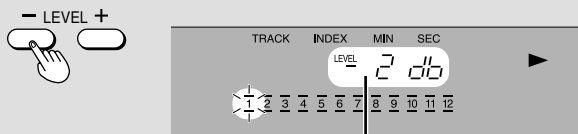
Press [LEVEL+].

The level returns to normal (0 dB) when you turn the unit off.

For your reference

During CD edit recording (➡ pages 9 and 10), in order to maintain a constant recording level, the output level cannot be adjusted.

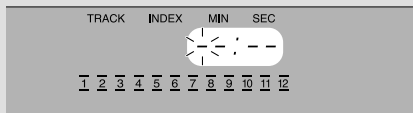
A



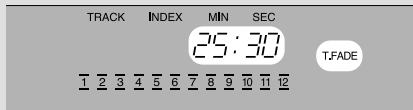
Output level decreased by 2 dB

B

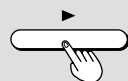
1



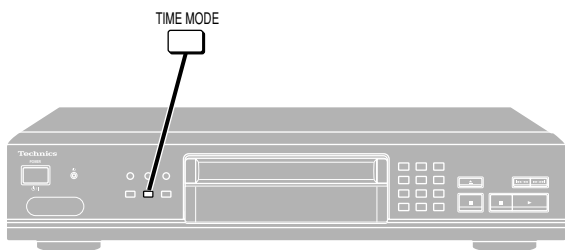
2



3



C



B Time fade

Remote control only

Volume fades out and play pauses after a selected time between 5 seconds and 99 minutes 59 seconds.

1 While stopped or paused
Press [TIME FADE].

2 Press the numbered buttons to enter the time.

For example, to fade out after 25 minutes and 30 seconds, press [2], [5], [3], [0].

Press [CLEAR] and start again if you enter the wrong time.

3 Press [▶].

"T.FADE" starts flashing five seconds before the set time, the volume fades out, and play pauses. Time fade is also canceled.

To stop play and cancel time fade

Press [■].

To check the time remaining until fade out

Press [TIME MODE] three times during play.

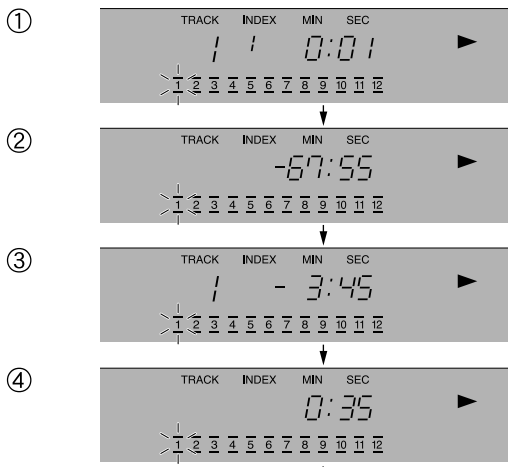
Note

Time fade may not work if the disc is scratched or dirty.

C Time display

While paused or playing
Press [TIME MODE].

The display changes in the order shown each time you press the button.



① Elapsed time of track being played (normal display)

② Time remaining on disc

③ Time remaining on track being played

④ Elapsed time of entire disc

The normal display is shown after you stop and start play again.

• During program play, ② shows the time remaining in the program and ④ shows the elapsed time of the program.

• During random play, times are not shown for ② and ④.

• During edit recording (➡ page 9), ② shows the remaining time on the side recording.

• During time fade, the time until fade out is shown between ③ and ④.

Troubleshooting guide

Before requesting service, make the below checks. If you are in doubt about some of the check points, or if the remedies indicated in the chart do not solve the problem:

In the U.S.A., contact the Panasonic Customer Call Center at 1-800-211-7262, or web site (<http://www.panasonic.com>).

In Canada, contact Panasonic Canada Inc. Customer Care Centre at 905-624-5505, or web site (www.panasonic.ca), or an authorized Servicentre nearest you.

Reference pages are shown as black circled numbers ⑥.

The tray won't close.	Ensure the disc is inserted correctly. ⑥
The display is wrong or play won't start.	Ensure the disc is inserted correctly. ⑥ Wipe the disc. ⑥ Replace the disc if it is scratched, warped, or nonstandard. There may be condensation inside the player. Wait for an hour and try again.
Some parts are not played correctly.	Wipe the disc. ⑥
The remote control doesn't work.	Check the batteries are inserted correctly. ⑤ Replace the batteries if they are flat. ⑤

Specifications

•Audio

No. of channels	2 (left and right, stereo)
Frequency response	2–20,000 Hz, ±1 dB
Output voltage	2 V (at 0 dB)
Dynamic range	94 dB
S/N	100 dB
Harmonic distortion	0.004% (1 kHz, 0 dB)
Total harmonic distortion	0.005% (1 kHz, 0 dB)
Wow and flutter	Below measurable limit
DA converter	MASH (1 bit)
Output impedance	1 kΩ
Load impedance	More than 10 kΩ

•Pickup

Wavelength 780 nm

•General

Power supply	AC 120 V, 60 Hz
Power consumption	10 W
Dimensions (W × H × D)	430 X 92 X 290 mm (16 ¹⁵ / ₁₆ " X 3 ⁵ / ₈ " X 11 ¹³ / ₃₂ ")
Mass	3.2 kg(6.8 lb.)

Power consumption in standby mode:	2.6 W
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Note

Specifications are subject to change without notice.
Mass and dimensions are approximate.

Product service

Do not attempt to remove the cover(s) or repair the unit yourself.
Refer servicing to qualified personnel only.

Product information

For product service, product information or assistance with product operation, refer to the servicenter directory.

Maintenance

To clean this unit, wipe with a soft, dry cloth.

- Never use alcohol, paint thinner, or benzine to clean this unit.
- Before using chemically treated cloth, read the instructions that came with the cloth carefully.

Panasonic Consumer Electronics Company, Division of Matsushita Electric Corporation of America
One Panasonic Way Secaucus,
New Jersey 07094
<http://www.panasonic.com>

Panasonic Sales Company, Division of Matsushita Electric of Puerto Rico, Inc. ("PSC")
Ave. 65 de Infantería, Km. 9.5
San Gabriel Industrial Park, Carolina,
Puerto Rico 00985

