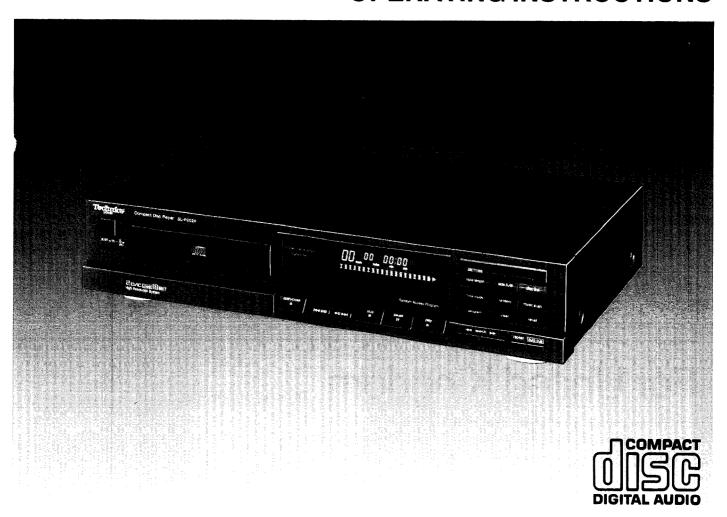
# Technics Compact Disc Player SL-P202A

### **OPERATING INSTRUCTIONS**



#### Notes:

- Specifications differ according to the area code.
- The "EK" area code, for example, indicates United Kingdom specifications.
- •The "EK" indication is shown on the packing case and serial number tag.

Before operating this unit, please read these instructions completely.

#### Dear Steven Fan

We want to thank you for selecting this product and to welcome you to the growing family of satisfied Technics product owners around the world. We feel certain you will get maximum enjoyment

from this new addition to your home. Please read these operating instructions carefully, and be sure to keep them handy for convenient reference.

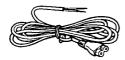
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# Accessories

AC power supply cord . . 1

•Stereo connection cable .... 1





# For United Kingdom ("EK" area code model only)

The "EK" indication is shown on the name plate.

#### **Important**

THE WIRES IN THIS MAINS LEAD ARE COLOURED IN ACCORDANCE WITH THE FOLLOWING CODE.

BLUE:

**NEUTRAL** 

BROWN:

LIVE

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

This apparatus was produced to BS 800: 1983

#### **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.

AVOID DIRECT EX-POSURE TO BEAM

**DANGER-Invisible** laser radiation when

(Inside of product)

# Suggestions for Safety

#### ■ Use a standard electrical AC wall outlet

 Use from an AC power source of high voltage, such as for air conditioners, is very dangerous.

Be extremely careful not to make a connection to the electrical outlet for a large air conditioner or central-heating unit which uses high voltage, because there is the possibility of fire.

2. A DC power source cannot be used.

Be sure to check the power source carefully, especially on a ship or other place where DC is used.

### ■ Connection and removal of the power cord

1. Wet hands are dangerous.

A dangerous electric  $\bar{\text{s}}\text{hock}$  may result if the plug is touched by wet hands.

2. Don't pull the power cord.

Always grasp the plug; never pull the cord itself.

#### ■ Never attempt to repair or reconstruct this unit

A serious electric shock might occur if this unit is repaired, disassembled or reconstructed by unauthorized persons, or if the internal parts are accidentally touched.

#### ■ For families with children

Never permit children to put anything, especially metal, inside this unit. A serious electric shock or malfunction could occur if articles such as coins, needles, screwdrivers, etc. are inserted through the ventilation holes, etc. of this unit.

#### **■** Turn off after use

If the unit is left for a long time with the power on, this will not only shorten its useful operation life, but may also cause other unexpected trouble.

#### ■ If water is spilled on the unit

Be extremely careful if water is spilled on the unit, because a fire or serious electric shock might occur. Immediately disconnect the power cord plug, and consult with your dealer.

### ■ Place the unit where it will be well ventilated, and away from direct sunlight

Place this unit at least 10 cm (4") away from wall surfaces, etc., and away from direct sunlight.

#### ■ Keep the unit away from heaters, etc.

Heat can damage the external surfaces as well as internal circuits and components.

#### ■ Avoid spray-type insecticides

Insecticides might cause cracks or "cloudiness" in the cabinet and plastic parts of this unit. The gas used in such sprays might, moreover, be ignited suddenly.

#### ■ Never use alcohol or paint thinner

These and similar chemicals should never be used, because they may damage the finish.

#### ■ If trouble occurs

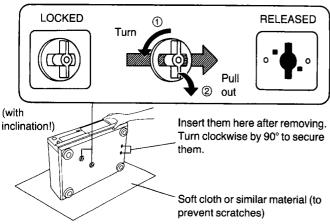
If, during operation, the sound is interrupted or indicators no longer illuminate, or if abnormal odor or smoke is detected, immediately disconnect the power cord plug, and contact your dealer or an Authorized Service Center.

# **Placement**

#### **Before placement**

Two transport security devices are secured to prevent the optical pickup from damage during transport.

Be sure to release them before use.



#### Note:

When transporting the unit, be sure to remove the compact disc from inside the unit. And replace the transport security devices again following the reverse order not to damage the optical pickup. (Make sure to place the unit with the rear panel facing downward.)

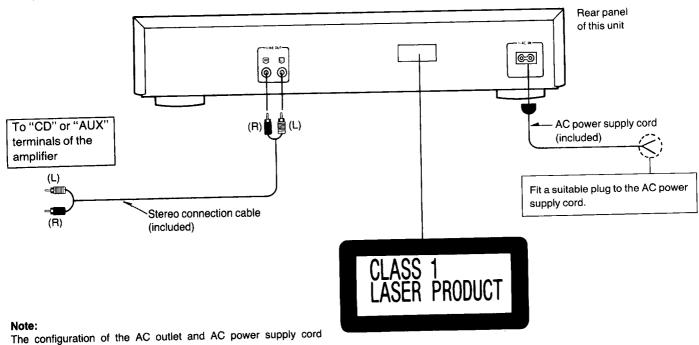
#### Notes of placement

- Place on a flat, level surface so that the front-rear inclination does not exceed 5°.
- Avoid places such as the following:
- •Near any equipment or device that generates strong magnetism.
- On any heat-generating equipment or device, or in any place where the temperature is high (40°C or higher).
- Extremely cold places (5°C or below).
- Near a tuner or TV (It may cause noise in the broadcast, or disturbance of the TV picture.)
- Do not place heavy objects, other than system components, on top of the unit.
- When carrying or storing the unit, handle it with care so it is not subjected to any strong bumps.
  Always remove the disc before storing the unit for any period of
- To avoid problems due to vibration.
- •Do not place a book or similar object under this unit.
- Do not route the connection cables (of this or other units) across the operation panel, across the top, or under the unit.

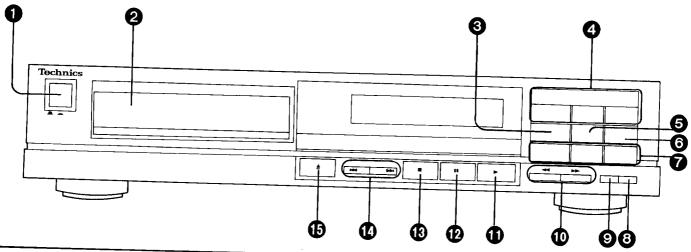
# Connections

differs according to area.

Turn power off on all components before making connections.



# Location of Controls



#### **Control section**

1 Power switch (power)

If a disc has already been loaded, play will begin when the power is turned ON.

- 2 Disc holder
- 3 Time mode select button (time mode)
- 4 Buttons for edit function (edit)

•Edit tape length button (tape length)

When compact discs are to be recorded to tape, this button can be used to calculate the number of tracks that can be recorded on each side of the tape, depending on the length of the cassette tape used, so that as little tape as possible is wasted.

•Tape-side select button (side A/B)

When recording compact discs to tape, this button can be used to check the number of tracks and amount of tape left over for side A or B.

Disc link button (disc link)

This button can be used for edit recording from several discs.

6 Random play button (random)

This button can be used to play the tracks on a disc in a random sequence.

6 Music scan button (music scan)

This button can be used to play the first part of each track in order.

- Buttons for program function
  - Programmed-play button (program)

Pressing this button initiates the programmed play mode. You can then enter specific tracks using the skip buttons.

Clear button (clear)

This button can be used to clear tracks from the programmed sequence one at a time.

•Recall button (recall)

This button can be used to display the contents of the programmed track sequence for confirmation.

8 Auto cue button (auto cue)

Pressing this button causes the unit to skip automatically to the beginning of the next track on the disc and switch to the play standby mode.

- Repeat button (repeat)
- Search buttons (◄◄ search ►►)

These buttons can be used to move rapidly forward or backward on the disc during play. The search speed is slow when the button is pressed at first and becomes faster if the button is pressed and held continuously.

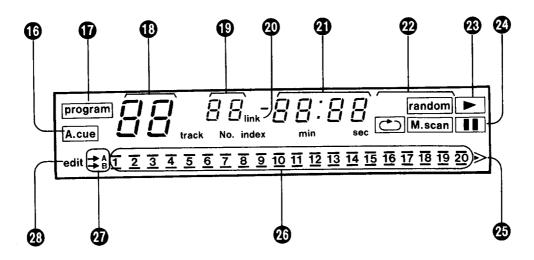
- Play button (► play)
- Pause button (II pause)
- Stop button (■ stop)

This button can be used to stop disc play, as well as to cancel the various play modes.

Skip buttons ( |◄◄ skip/skip ▶▶ )

These buttons can be used to specify the number of the desired track and the desired recording time of the tape.

**ⓑ** Disc holder open/close button (▲ open/close)



#### Indicators section

- (A. cue)
- Programmed-play indicator ( program )
- 18 Track number display (track)
- 19 Index/program number display (index/No.)
- 20 Disc link indicator (link)
- Time display (min/sec)
- 22 Operation indicators

The following indicators light during their respective operations.

random: Random play
: Repeat play
M. scan: Music scan

- 23 Play indicator ( )
- 2 Pause indicator (III)

**25** "Over" mark (≫)

This indicator lights if the total number of tracks on the disc is 21 or more.

- **26** Track number indicator  $(\overline{1}-\overline{20})$
- Tape side indicator (A/B)
- 28 Compact disc edit indicator (edit)

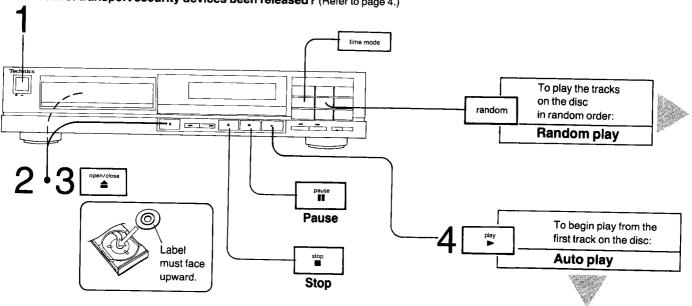
This unit can be operated by using remote control transmitters included with Technics receivers, etc. Face the remote control transmitter toward the control section of the unit.

#### Note:

Even though the play button of the remote control transmitter to be used is equipped with the pause function, only the play function is available for the unit.

# **Basic Operation**

Have both of transport security devices been released? (Refer to page 4.)



### **A**uto play

Playing an entire disc from the first track to the last.

Basic operations such as turning the power ON and OFF are the same for the other play modes as well.

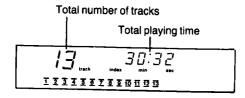
1 Press the power switch to turn power ON.

Turn down your amplifier volume first. If, inadvertently, the volume is set too loud, damage to your speakers could result.

#### Auto-start function

- If a disc has already been loaded into the disc holder, play will begin right away when the power is turned ON. This is for timer play.
- •In case that the power switch has been turned off with the disc holder open and the disc inserted, the disc holder will be automatically closed and play will begin right away when the power is turned ON.
- 2 Press the open/close button to open the disc holder and insert a disc.
- 3 Press the open/close button again to close the disc holder.

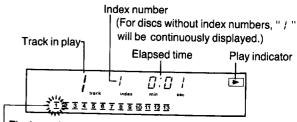
The total number of tracks on the disc and the total playing time are displayed.



#### 4 Press the play button.

Disc play begins from the first track on the disc.

 If this button is pressed during play, play will begin from track 1.



- The bars above and below the number of the track in play flash. They go out when play finishes.
- The unit stops automatically when the last track on the disc finishes playing. (The display returns to the total number of tracks and total playing time indications.)
- Switch power OFF when finished.

#### •To stop disc play, press the stop button.

The unit switches to the stop mode and the total number of tracks and total playing time are displayed.

#### Notes:

- Attempting to change discs while the disc holder is in the process of opening can scratch or damage your discs.
- •The total playing time displayed includes the silent sections between tracks. For this reason, it may differ by a few seconds from the playing time printed in the disc's liner notes.

# Random play

All the tracks on the disc are played in a new, randomly selected order. The order is different every time. Listening to tracks in a different order can be a refreshing change of pace.

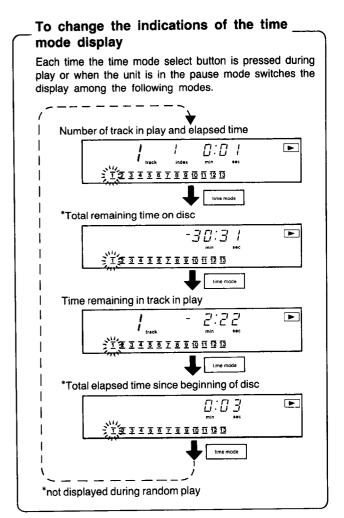
#### Press the random play button.

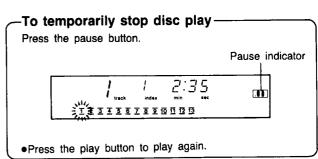


When play begins from track 3 (The bars above and below the number of the track in play flash. They go out when play finishes.)

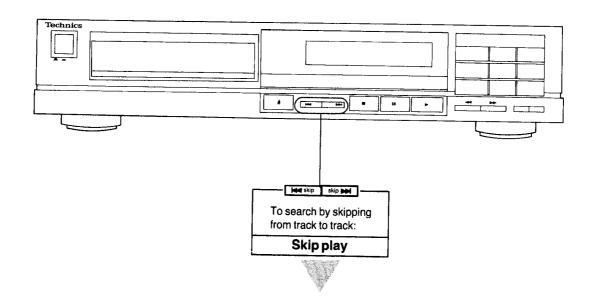
- •The unit stops automatically when all tracks on the disc finish playing.
- •To cancel random play while a disc is playing, press the random play button again.

When the track in play finishes playing, play continues from subsequent tracks in the normal order until the end of the disc is reached.



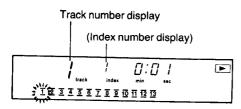


# Search Functions



### Skip play

This function allows you to skip to the beginnings of tracks preceding or following the track in play and begins play immediately. It is a good idea to keep an eye on the track number display when using this function.



#### To skip forward, press ►► button.

The unit skips ahead one track each time the button is pressed.

For example, to skip from track 3 to track 5:



#### To skip backward, press ◄ button.

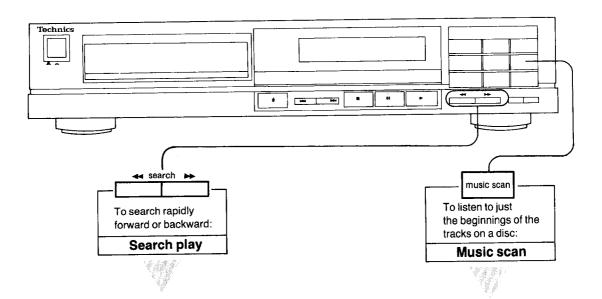
The first time the button is pressed, the unit skips back to the beginning of the track in play. Then it skips back one track for each additional press.

For example, to skip from track 5 to track 3 during play:



#### Helpful Hints:

- You can skip tracks when the unit is in the stop mode. Play begins automatically from the selected track and continues to the last track on the disc. The unit stops automatically when the last track on the disc finishes playing.
- You can also skip tracks when the unit is in the pause mode. The unit skips to the track selected and remains in the pause mode.



### Search play

This function allows you to search rapidly forward or backward on the disc for specific sections.

- •To search forward, press ▶▶ button.
  The unit begins searching in a forward direction.
- •To search backward, press ◀ button. The unit begins searching in a reverse direction.

The search speed is slow when the button is pressed at first and becomes faster if you keep it pressed down. Release the button when you reach the desired point on the disc.

# ■ Using search function in the pause mode

When the search button is released, the unit returns to the pause mode.

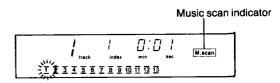
#### Music scan

This function plays only the first 15 seconds of each track on the

It is useful for locating tracks in a disc when you are not sure of the contents of tracks.

#### Press the music scan button.

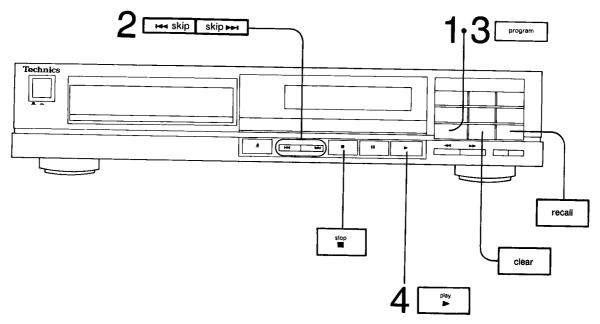
Music scan begins with playing the first 15 seconds of track 1.



•Once the beginning sections of all the tracks on the disc have finished playing, music scan is canceled and normal play begins from track 1.

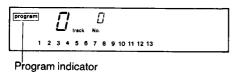
# Program Play

This function allows you to program up to 20 tracks on the disc in any order you choose.



### **Programming tracks in memory**

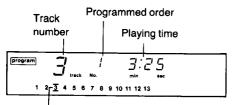
1 Press the program button.



2 Specify the desired tracks using skip button(s).

For example, to specify track 3: Press ▶▶ button three times.

 $oldsymbol{3}$  Press the program button.



The bar's above and below the number 3 illuminate, indicating that track has been programmed.

Repeat steps 2 and 3 to add track numbers.

- •The programmed order counts up and the playing time for each new track is added to the total playing time.
- If the total playing time exceeds 99 minutes or the track number
   21 (or higher) has been specified, the display reads "--:--".
- •When the 21st program has been performed, "-F" (full) appears on the display, indicating that no more tracks can be added to the programmed sequence.
- •Track numbers not actually on the disc can not be programmed.

#### 4 Press the play button.

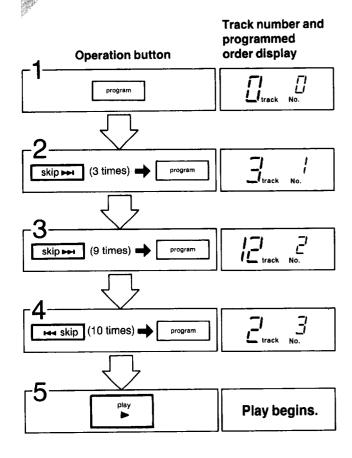
The programmed sequence is played beginning from the first track you entered.

 The unit stops automatically when all the programmed tracks have finished playing.

### •To cancel program play, press the program button.

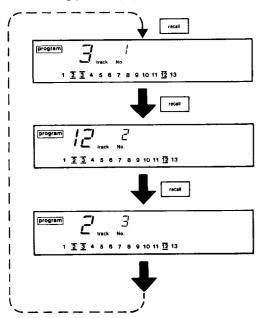
You can also cancel program play by pressing the stop button in the stop mode.

### For example, to play tracks 3, 12 and 2 in that order:



### •To recall the programmed sequence, press the recall button.

Each or holding press displays the next track in the sequence.



 When 4 seconds have elapsed after releasing the button, the display returns to the original state.

### •To clear programmed tracks, press the clear button.

The last track in the play sequence is canceled each time you press the clear button.

### •To clear a track in the middle of the programmed play sequence:

Press the recall button so that the display shows the number of the track to be canceled, and then press the clear button. Only the track number displayed is canceled.

# ■ To specify the same track number successively

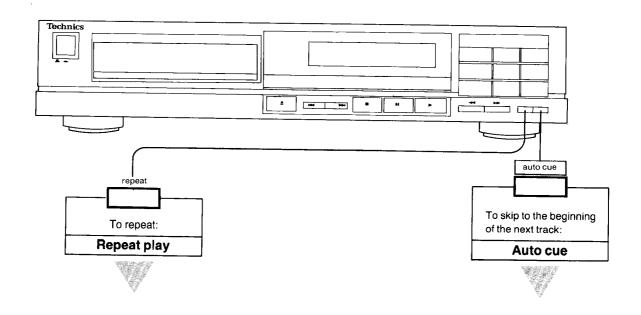
Press ▶►I or I◄◄ button to move to the other track than the desired one. Then press ▶►I or I◄◄ button again to return to the desired track.

# ■ Special operations using programmed play

The following functions operate differently during programmed play than during normal play.

Total elapsed time display/ Total remaining time display	The total elapsed time and remaining time of the tracks in the programmed sequence only are displayed.
Skip play	Skipping is between the numbers in the programmed sequence.  (Press 2 times)
Search play	Searching is only possible within the track currently in play.
Repeat play	The programmed sequence only is repeated.

# **Convenient Functions**



### Repeat play

This function allows you to repeat the entire disc or the tracks in the programmed sequence.

#### Press the repeat button.



• Pressing the repeat button again cancels the repeat play.

### **A**uto cue

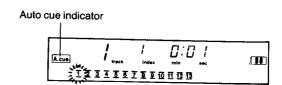
The auto cue function allows the unit to wait in the standby condition at the beginning of each tune so as to start play right when you are ready.

When each tune finishes playing, the unit skips to the beginning of the next tune and switches to the play standby mode. This function is especially convenient when used together with programmed play.

#### 1 Press the auto cue button.

### 2 Press the play button.

The unit switches to the play standby mode.



### 3 Press the play button again to start play.

• Pressing the auto cue button again cancels auto cue.

#### Note:

The auto cue function may not function at the beginning of tune properly if a selection begins with a very soft passage or if there is a lot of background noise.

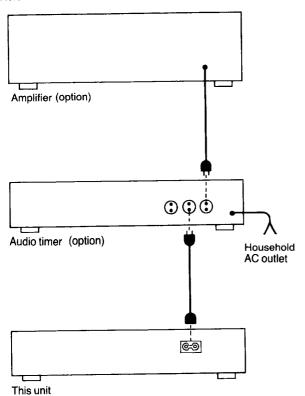
. .

# Timer Play

By connecting this unit to an audio timer, you can have playback begin automatically at a preset time.

#### Connection

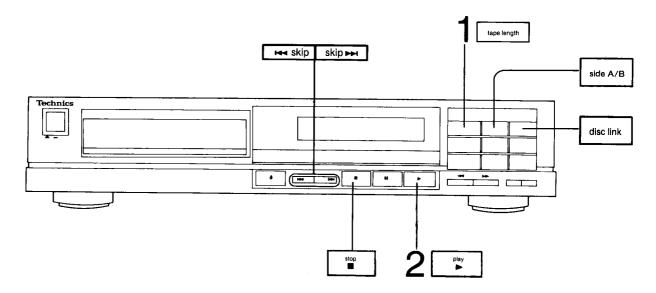
(Refer also to the instruction manual of your timer for details.)



### Operation

- 1. Insert the disc you wish to play. Start play and set the volume.
- 2. Set the timer to the appropriate time. (Refer also to the instruction manual of your timer for details.)
  - Leave the power switches of all components ON.
     At the preset time, the power will be switched on, and play will begin.

# For Recording

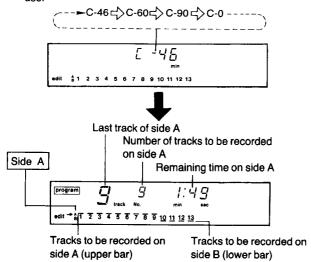


#### **A**utomatic edit

The unit automatically calculates how many tracks will fit on a given tape side and programs them for you automatically.

### Press the edit tape length button to select the tape length.

Each time the button is pressed the tape length indicator changes as follows. Choose the length of the tape you will



# 2 Press the play button at the same time you begin recording on the tape deck.

- When the tracks programmed for tape side A have finished playing, the unit searches for the beginning of the first track to be recorded on side B and switches to the pause mode.
   Turn over the tape and start recording for side B.
- During recording, silent gaps of approximately 3 seconds are inserted between tracks automatically (auto space function).

#### Note

According to the discs, the little sound of the beginning of the next track may be recorded onto the end of the track. •To cancel the edit mode, press the stop button after recording is finished.

#### ■ To select your desired recording time

Press the edit tape length button 4 times to select "C-0". Then keep pressing the skip button(s) to specify the tape's total recording time in minutes (1–99).

#### For example:

When the total recording time of the tape to be used is 52 minutes, keep pressing the skip button  $\blacktriangleright \blacktriangleright$ 1 until the display shows " $\mathcal{E}^-5\mathcal{E}$ ".

 If you go past the desired number, return the number using I◄◄ button.

#### **Helpful Hint:**

When you want to record programmed tracks, first program tracks in memory using the program play procedure (see page 12). Then press the edit tape length button.

### Manual edit

This function allows you to add selections one by one to each tape side and check the time remaining after each entry in order to minimize wasted tape.

### 1 Press the edit tape length button to select the tape length.

The automatic editing functions and the tracks are programmed on the both tape side A and B.

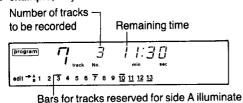
Then you can perform the clearing, recalling or adding to the programmed tracks as well as in the program play mode.

# 2 Press the clear button to reset the track number display to "0".

## 3 Enter the desired track numbers following the programming procedure.

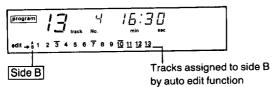
(See page 12.)

For example, if you enter tracks 3, 10 and 7:



- •If the remaining tape is not sufficient to hold the last track programmed, a negative number will be displayed. In this case, press the clear button to cancel the last track in the sequence from memory and enter a track which better matches the remaining time.
- •3-second silent gaps which are automatically inserted between tracks are included in the remaining time.

# 4 Press the tape-side select button to switch to tape side B.



•Repeat steps 2-3 above.

# 5 Press the play button at the same time you begin recording on the tape deck.

Recording begins with side A.

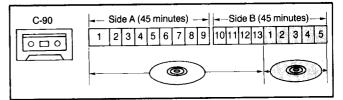
#### Notes:

- •The maximum allowable playing time for editing is 99 minutes.
- •More than 21 programs cannot be edited.

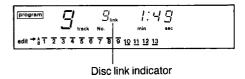
### **Link function**

This function allows you to record tracks from multiple discs, keeping the total playing time for all discs in memory.

For example, to record a disc of 60 minutes in total on 90 minutes tape and to record another disc in the space remaining on the tape.



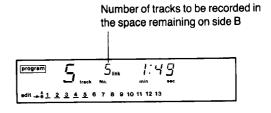
- 1 Press the edit tape length button three times. ("[ -9 []")
- 2 Press the disc link button.



### 3 Press the play button at the same time you begin recording on the tape deck.

- After the recording on side A is completed, the unit skips to the beginning of the first track for side B and switches to the pause mode. Turn over the tape and start recording for side B
- 4 After recording is completed, replace the disc with another.

The disc link function works and the display shows the number of tracks to be recorded on the remaining time (30 minutes).



### 5 Press the play button at the same time you begin recording on the tape deck.

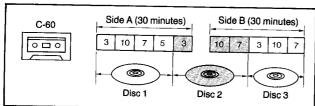
#### Noto

After the recording of the first disc is completed, the tape running on the tape deck will continue.

Be sure to stop the tape running.

### Link function (continued)

For example, to record programmed tracks from 3 discs on 60 minutes tape.



#### Editing for disc 1

- 1 Press the edit tape length button twice.("[ -[[ []"]
- 2 Cancel the displayed tracks on both sides.

carroot the displayed tracks on both sides.			
1	clear	(to reset the track number display to "0")	
2	side A/B	(to switch to side B)	
3	clear	(to reset the track number display to "0")	
4	side A/B	(to switch back to side A)	

- 3 Program the tracks following the programming procedure explained on page 12. (Enter tracks 3, 10, 7 and 5.)
- 4 Press the disc link button.

Recording for disc 1

(Remember to stop recording on the tape deck at the same time all the programmed tracks have been played.)

#### Editing for disc 2

- 1 Replace disc 1 with disc 2.
- 2 Cancel the displayed tracks on both sides. (Follow the steps 1-4 of 2 for disc 1.)
- 3 Program the tracks.

(Enter track 3. → side A/B → Enter tracks 10 and 7.)

Recording for disc 2

(Switch the tape to side B and restart recording after all the programmed tracks for side A have been played.)

#### Editing for disc 3

- 1 Replace disc 2 with disc 3.
- 2 Cancel the displayed tracks on side B. (Press the clear button repeatedly until all the tracks are canceled.)
- 3 Program the tracks. (Enter tracks 3, 10 and 7.)



Recording for disc 3

# Technical Specifications

■ Audio

No. of channels
Frequency response
Output voltage
Dynamic range
S/N ratio
Total harmonic distortion
Harmonic distortion
Wow and flutter
Output impedance
Load impedance

 $\begin{array}{c} \text{2 (left and right, stereo)} \\ \text{2-20,000 Hz} \pm 0.5 \text{ dB} \\ \text{2 V (at 0 dB)} \\ \text{96 dB} \\ \text{96 dB} \\ \text{0.005\% (1 kHz, 0 dB)} \\ \text{0.003\% (1 kHz, 0 dB)} \\ \text{Below measurable limit} \\ \text{Approx. } 600\Omega \\ \text{More than } 10 \text{ k}\Omega \end{array}$ 

■ Signal Format Sampling frequency D-A conversion

44.1 kHz 16-bit linear

■ Pickup Wavelength

780 nm

■ General
Power supply
Power consumption
Dimensions (W×H×D)
Weight

AC 50/60 Hz, 240 V 13 W 430×92×274 mm 3.6 kg

Specifications subject to change without notice. Weight and dimensions shown are approximate.

# **About Compact Discs**

Noise can be caused if the disc is dirty, scratched, warped, etc. Please note the following points.

**Compact Disc** identification...



Use compact discs bearing this mark.

#### Storage hints

#### ■ Be sure to use the special case.

Avoid storing discs in following places:

- Near heating equipment and places where the temperature is high.
- •Places where there is high humidity or excessive dust.
- Places exposed to direct heat from heating equipment, etc.

Be especially careful not to leave discs near the front or rear windows in a vehicle, or inside the dashboard.

#### **Handling cautions**

#### On the label of compact discs

- Do not write with a ballpoint pen, etc. on the label.
- Do not attach any type of paper, label, etc.

#### Handling notes

Take care not to scratch the disc surface by a fingernail etc. when handling the disc.

### ■ Removal of the disc from the

- Holding the top at both sides.
- ② Gently press the sides of the top to open.
- ③ Press the center holder.
- 4) Lift by the edges (Don't touch the recorded surface.)



Center holder



#### ■ How to hold the disc

Hold the disc at its edges. (Don't touch the surface, because fingerprints will remain.)



#### ■ When storing to the case

- 1) Insert with label facing up.
- 2) Press downward at the center.

#### **Maintenance**

#### ■ If discs are dirty...

Clean with a soft, damp cloth, and wipe till



Always from the center outward.



Noise can be caused by scratches.

#### ■ If condensed moisture is on the disc surface...

If condensed moisture forms on the disc surface (such as when it is brought from a cold place to a warm place), wipe the moisture away by using a soft, dry cloth.

#### ■ Don't use the following...

- Anti-static cleaners, etc. such as used on ordinary phonograph records.
- •Benzine, paint thinner, or any other sol-
- •Never dry by using a hair dryer, etc.

# Maintenance

To clean this unit, use a soft, dry cloth. If the surfaces are extremely dirty, use a soft cloth, dipped into a soap-and-water solution or a weak detergent solution. Wring the cloth well before wiping the unit. Wipe once again with a soft, dry cloth. Never use alcohol, paint thinner, benzine, nor a chemically treated cloth to clean this unit. Such chemicals may damage the finish of your unit.

# **Troubleshooting Guide**

Before requesting service for this unit, check the chart below for a possible cause of the problem you are experiencing. Some simple checks or a fixed are in doubt check the problem and restore proper operation.

If you are in doubt about some of the check points, or if the remedies indicated in the chart do not solve the problem, refer to the directory of authorized service centers (enclosed with this unit) to locate a convenient service center, or consult your Technics dealer for instructions.

Problem	Probable cause(s)	Suggested remedy	
The disc holder does not close when a disc is inserted and the disc holder open/close button is pressed.	The disc is not properly inserted.	●Take it out and insert it again.	
The disc holder does not open smoothly.	The transport security devices are locked.	●Release them.	
The disc is inserted but the total number of tracks and total playing time are not displayed.	The disc is upside down.	Check to be sure the label is facing upward.	
	The disc is dirty.	●Wipe it with a soft cloth.	
	The disc is scratched.		
	The disc is warped.	Replace it with a new disc.	
	The disc is not within specified standards.	Exchange the disc for another one.	
	Moisture has condensed in the unit.	Switch ON the unit and wait about one hour before using the unit.	
A certain MUSIC PASSAGE can't be played correctly.	The disc is dirty.	Wipe it with a soft cloth.	
	The disc is scratched.	Replace it with a new disc.	

#### **About moisture**

Moisture may form on the lens in the following cases...

- •Immediately after a heater has been turned on.
- In a steamy or very humid room.
- When the unit is suddenly moved from a cold environment to a warm one.

If moisture forms inside this unit, it may not operate properly. To correct this problem, turn on the power and wait about one hour for the moisture to evaporate.

