*T*hank you for purchasing the Cayin SCD-50T Super Audio CD player.

Used properly and carefully, it should give you many years of outstanding musical reproduction. Please read this operation manual carefully before using it.

I SPECIFICATIONS

- Output level   2V±3dB
- Frequency response   20Hz~45kHz ±0.5dB (SACD)
                                      20Hz~20kHz ±0.5dB (CD)
- Distortion and noise   <-70dB
- S/N ratio   92dB
- Dynamic range   110dB   120dB(HDCD)
- Channel separation   100dB (1kHz)
- Digital output characteristics   According to the IEC958 standard
- Power requirements   Refer to the indication on the rear panel
- Weight   13.5kg
- Dimension   440×335×130mm(W×D×H)
- Power consumption   40W

II OPENING THE PACKAGE

Please check the carton carefully whether there is any damages before you open it. Put it on a flat surface with the arrow upward. Rip away the sealed tape and open the carton, then you'll find:
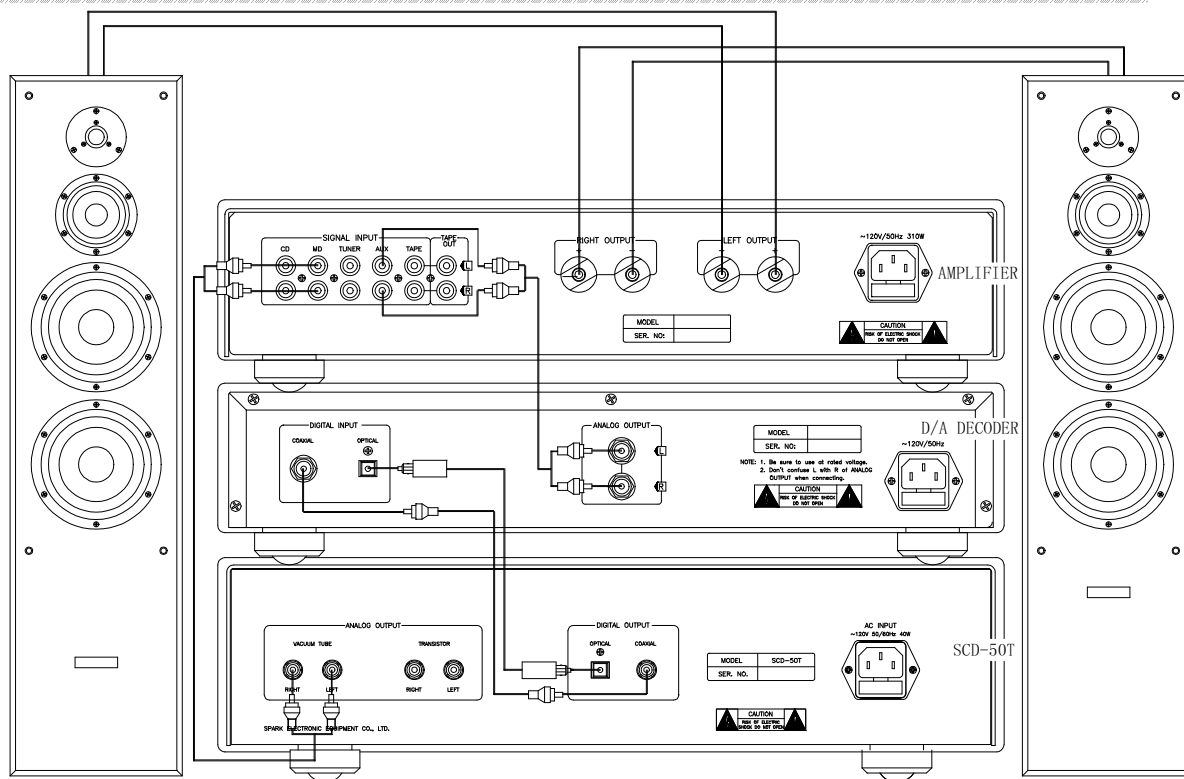
1. One set of Cayin SCD-50T Super Audio CD player
2. SP-05D remote control unit
3. One warranty cord
4. Two fuses
5. One power cord
6. One operation manual

Note 1: Please fill out your warranty card in time, and hand it in to your dealer or send it to the sales department of our company to ensure the after-sales service.

Note 2: Be sure to use at rated voltage. Please check whether the rated voltage marking on the real panel corresponds to your line voltage. If not, please contact your dealer.

Suggestion: Please keep the carton and the other wrappings well, perhaps you'll use them when moving the Super Audio CD player.

III CONNECTION DIAGRAM

Note: If you use the vacuum tube output, you need wait for about 35 seconds after turning on the power every once because vacuum tubes need preheat.

Please make sure the following preparations are well done before using:

■ AC Power

1. Before connecting, make sure the power mark on the real panel is same to the power voltage of your area.

2. Be sure the Power Switch on the front panel of the SCD-50T is tuned off (in the "out" position).

3. Using the Power Cord (supplied), connect the Power Inlet on the SCD-50T's real panel to the AC Power Outlet.

4. Press the Power Switch in. The Display will light up, indicating that the SACD Player is turned on.

5. To turn the SACD Player off, press the Power Switch again and return it to the "out" position.

➥Unplug your SACD player when it is not in use for a long period of time.

➥ If you are using a switched outlet to turn on and off your SACD Player, you should leave the Power Switch in the "on" position. When AC Power is applied to the unit, it will power up in fully active mode.

■ **Connections**

1. Analog Outputs.

   A pair of standard RCA jacks supplies an analog output signal (transistor and vacuum tube) from the SCD-50T to the source inputs of an audio amplifier or other components.

Using the audio cable, connect the left channel output of the SCD-50T to the left channel source input on the amplifier, and then, connect the right channel output of the SCD-50T to the right channel source input on the amplifier.

2. Digital Output

2-1. The SCD-50T's coaxial digital output jack supplies an unprocessed digital signal. Using a standard 75 ohm coaxial digital cable, connect the SCD-50T's coaxial output to the coaxial digital input jack of the D/A decoder.

2-2. Connect the analog output jacks of the D/A decoder to the source input jacks of an amplifier.

3. Connect the supplied power cord to the SCD-50T's power inlet and the AC power outlet.

Before turning on the unit, be sure you have connected the unit to the other components correctly.

➲ You can use both the two kinds of output connections or each one.

➲ To prevent loud noises, make sure the SACD player is turned off when you make any signal connections.

IⅤPRECAUTIONS

Cautions for Safety

Follow these cautions to avoid malfunction or serious damage to the unit.

■ Disconnect the Power Cord from the AC outlet by pulling the plug, not the cord.

■ Keep the Power Cord away from heating appliances.

■ Keep the unit away from sources of liquid.

■ Do not remove the outer cover.

■ Do not use the unit if there is lightning. Unplug the Power Cord from the AC outlet as soon as possible

Installation and Handling

■ Place the unit on an even and stable place where is well ventilated.

■ Do not place the unit in the following places:

● In a room exposed to sunlight for a long period time.

● Near a strong light source or a heater.

● Where there is steam or soot.

● Where there is dust or humidity or a strongly magnetized object.

■ Do not place anything heavy on the unit.

■ When the unit is moved:

● Be careful not to drop the unit or subject it to strong shocks.

● Make sure that the unit is disconnected from all connection cord.

● For a distant transport, wrap it in the original package to prevent it from scratch.

■ Keep the unit away from volatile substances. Do not keep the unit touching rubber or vinyl material for a long period of time.

● These materials may cause discoloration and surface damage to the unit.

Formation of Condensation inside the Unit

Condensation may form in the unit if:
- The unit is in a room where the heater has just been turned on.
- The unit is in a room with steam or high humidity.
- The unit is brought from cold surroundings into a well-heated room.

When condensation has formed inside the unit, place the unit in a dry surrounding for several hours before using.

Cleaning Care

■ Wipe the body and front panel of the unit with a soft, clean cloth.
- If you use a chemically treated cloth for cleaning, refer to its notes on use.
- For persistent stains, use a soft cloth moistened with mild detergent and water, and then wipe with a dry cloth.

Notes for Disc

■ Never use cracked or warped discs.
- Since the disc rotates at a high speed, use of cracked or warped ones will damage the unit.
- If a strange noise or vibration be heard or occur after starting playback, immediately press the Open/Close (or Open/Stop) Button to stop the disc rotation.

■ Maintenance
- To clean a disc soiled with fingerprints or dust, use a soft and dry cloth.
- If the surface is extremely dirty, dip a soft cloth into water and wring the cloth well before wiping the disc. Then wipe again with a soft and dry cloth.
- When wiping discs, always move the cloth from the center hole toward the outer edge.
- Do not use benzene, thinner, or a record cleaner.

Notes for Remote Control Unit

- Before using the Remote Control Unit, it's necessary to install two "AAA" (R03) batteries.
- Do not use rechargeable batteries.
- Do not mix new and old batteries, or different brands of batteries.
- Remove batteries when this unit is not in use for a long period of time.
- Point the Remote Control Unit at the Remote Sensor on the front panel within about 6 m and within about 30°r.
- Do not place any obstacles between the Remote Control Unit and the Remote Sensor.
- Do not expose the RemoteSensor to strong light.

V OPERATION

Turning on/off the unit

Press the Power Switch (POWER) on the front panel, the unit will firstly execute closing disc tray, the display will show "Reading…", and the unit will do self-check.

Playback

1. Press the ■/▲ Button on the front panel or the Open/Close Button on the Remote Control Unit, the Disc Tray slides out.
2. Place the disc in the Disc Tray label-side up.
3. Press the ■/▲ Button on the front panel or the Open/Close Button on the Remote Control Unit, the Disc Tray is closed.
4. After the Display indicates the number of tracks on the disc and the total time of the disc, press the Play/Pause Button on the front panel or the ►ıı Button on the Remote Control Unit to start playing the disc.

Pause

● During playback, press the ►ıı Button on the front panel or the ►ıı Button on the Remote Control Unit to interrupt the playback temporarily.

● Press the ►ıı Button again to resume playback from the position where PAUSE mode was entered.

➲ Even when the player is in PUSE mode, the disk motor is still revolving. Since leaving the player in this condition can shorten the lifetime of the motor, do not leave the player in PAUSE mode for a long period of time.

Stop

● During playback or in PAUSE mode, press the ■/▲ Button on the front panel or the Stop Button on the Remote Control Unit to stop a disc that is playing and resets the player.

Track Search

During playback mode, you can select a track to play using the Skip (◄◄ and ►►) Buttons or the Number Buttons (Remote only).

■ Using the Skip Buttons
   ● Press the ►► Button advances to the beginning of the next track.
   ● Press the ◄◄ Button returns to the beginning of the previous track.

➲ In PROGRAM mode, the skip Buttons advance or reverse to the next track in the memorized selection list.

➲ In PAUSE mode, the skip Buttons advance or reverse to the next track and enter PLAY mode.

■ Using the Number Buttons (Remote only)
   ● The first nine tracks on a disc can be selected by selected by pressing the corresponding Number button.

   ● When accessing track number equal or greater than 10, press the 10+ button first and then press the corresponding button.

For example, to select track 2, press the 2 Button. To select track 12, press the 10+

Button and then the 2 Button. To select track 22, press the 10+ Button twice and then the 2 Button.

Fast Search (Remote only)

Hold the scan Buttons depressed, playback advances or reverses at high speed.
- Hold ▶▶ button depressed for fast- forward operation.
- Hold ◀◀ Button depressed for fast-reverse operation.
- Release the Scan Buttons to start playback at normal speed.

Repeat (Remote only)

This function allows you to repeat the current track, the memorized program or the entire disc continuously.
1. During playback, press the Repeat Button once to repeat the current track, the display will show "Repeat One".
2. Press the Repeat Button again to repeat the entire disc, the display will show "Repeat ALL".
3. Press the Repeat Button a third time to cancel the Repeat function.
➲ The Repeat function is automatically cancelled when the Disc Tray is opened.
➲ In PROGRAM mode, the Repeat Button continuously plays the memorized program.

Section Repeat (Remote only)

  This function allows you to repeat a specified section. You can select the start point and the end point of a section in the current track and repeat it continuously.
1. During playback, press the A-B Button at the start point of the section to be repeated.
2. Press the A-B Button at the end point of the section to be repeated. Playback returns to the beginning of the section and the section is repeated continuously.
3. Press the A-B Button a third time to resume the normal playback.

Program (Remote only)

This function allows you to memorize some tracks on the current disc for playback in a specific order.
1.   Insert a disc, the SCD-50T will read the contents of the disc, or stop playback of the current disc.
2.   Press the PROG button followed by the track numbers in a specific order, the display will show "MEMORY" and "00—00". Two number before "--" expresses the total number of the selected tracks. Two number after "--" expresses current track selected.
3.   If you enter a wrong number, press STOP button to cancel the last number be entered, and then enter the right number.
4. After entering all of the track numbers, press the ▶ⅼⅼ button , the memorized program will play.
- During programming, press the PROG button again. the memorized program will be cancelled.
➲ In PROGRAM mode, the skip Buttons advance to the next track in the memorized program.

Scan Mode (Remote only)

Press SCAN button, SCD-50T will play ten seconds of every track from No.1 track.

Brightness Adjusting (Remote only)

This function allows you to adjust brightness of display window.

● Press DISPLAY button every once, the brightness of display window will circularly change from "bright" to "brighter" and "dim".

● The brightness of display automatically preset "bright" when turn on.

MUTE (Remote only)

● During playback, press the MUTE button once, the display will show "Muting On", SCD-50T is in mute and has no output sound signal.

● Press MUTE button again, the display will show "Muting Off", SCD-50T will return to normal.

● Disc playing is normal when mute.

Time Display Mode (Remote only)

This function changes the modes of time displayed.

● The first mode is the amount of elapsed time played in the current track and the display shows "Elapse".

● The second mode is how much time is left in the current track and the display shows "Remain".

SACD/CD Layer Switching

When a SACD/CD double-layer disc is put into the disc tray, the SACD player will read the SACD layer automatically. You can change it to CD layer and play the CD tack. This operation must be done in the STOP mode.

● Press the SACD\CD button once, SCD-50T will change the disc layer from SACD to CD, and the display will show "CD".

● Press the SACD\CD button once more, SCD-50T will change the disc layer from CD to

SACD, and the display will show the symbol .

ST/MCH Play mode Changing (Remote only)

When you play a Multi-channel SACD disc, you can change the play mode between Stereo and Multi-Channel. If you choose Stereo play mode, only the front left and front right channel signal are output from the left and right output terminals of SCD-50T. If you choose Multi-Channel play mode, the other channel signal are mixed in the front left and front right channel in the specific proportion.

● Press the ST/MCH button, if the SCD-50T is in Multi-Channel play mode, the display will show "DOWNMIX".

● This function is effective only for the Multi-channel SACD disc.

● Every once when you press the ST/MCH button, the SCD-50T will start to play the first track of the disc.

VIWARRANTY SERVICE

▲ This product is warranted for a period of twelve months beginning from the date of purchase.

▲ To obtain warranty service, the warranty card bearing your dealer's chop or signature must be filled in and returned to your dealer or our company in two weeks from the date of purchase.

▲ The defective product must be returned to your dealer or our company for repairing when your dealer or our company accepts your requirement.

▲ The warranty doesn't extend to any product that has been opened by you without permission of our company.

VII NOTICE

The information in this manual is subject to change without notice.

VIII DIAGRAM

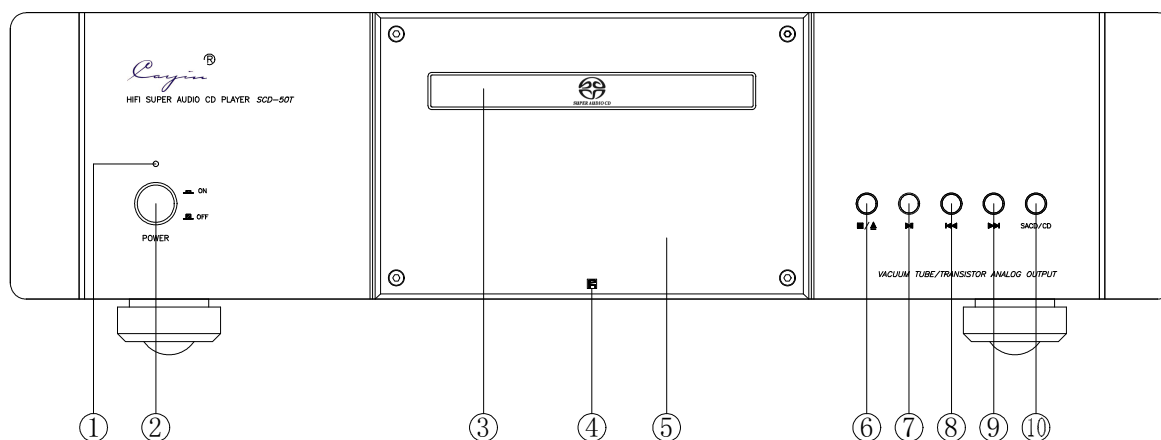Diagram 1. Cayin SCD-50T front panel

① Power Indicator   ② Power switch
③ Disc tray   ④ Remote sensor window
⑤ Display   ⑥ Open/Stop button
⑦ Play/Pause button   ⑧ Skip(reverse) button
⑨ Skip(forward) button   ⑩ SACD/CD switch button

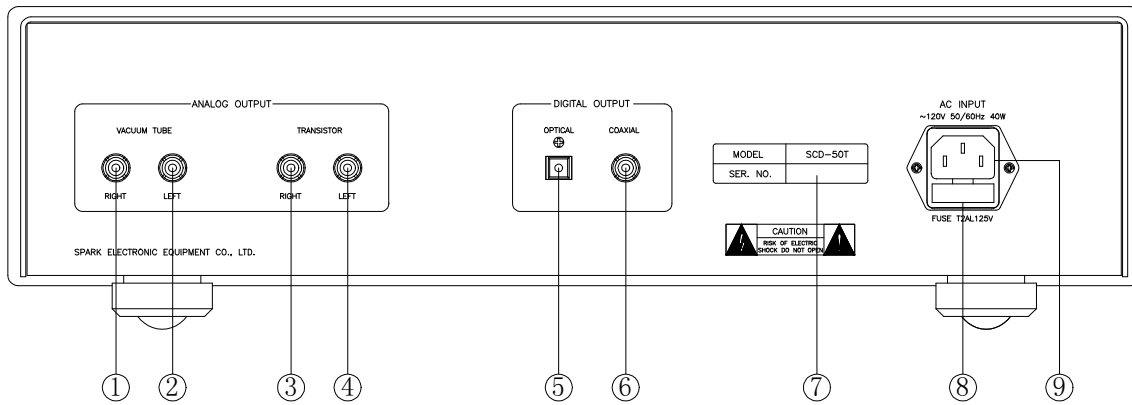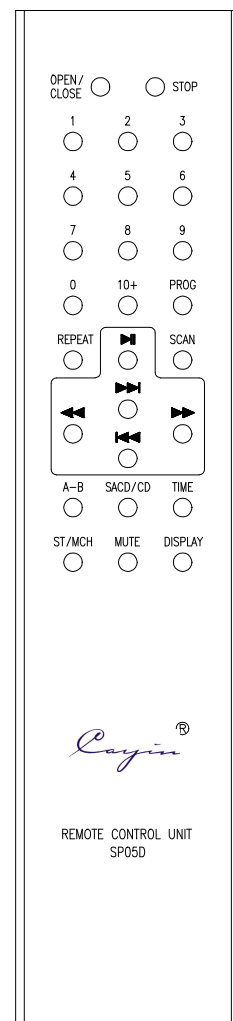Diagram 2. Cayin SCD-50T rear plate

① Tube analog output (R channel)　② Tube analog output (L channel)
③ Transistor analog output (R channel)　④ Transistor analog output (L channel)
⑤ Digital output (Optical)　⑥ Digital output (Coaxial)
⑦ Serial No.　⑧ Fuse socket
⑨ Power socket

Diagram 3. Remote control unit

⑴ "OPEN/CLOSE": Open/Close the disc tray
⑵ "STOP": Stop play button
⑶ "1""2"… "9""0": Number button
⑷ "10+":Select the track number equal or greater than 10
⑸ "PROG": Program play button
⑹ "REPEAT": Repeat play button
⑺ "SCAN": Track scan button
⑻ " ▶❙ ": Play/Pause button
⑼ " ◀◀ ": Search (reverse) button
⑽ " ▶▶ ": Search (forward) button
⑾ " ❙◀◀ ": Skip (reverse) button
⑿ " ▶▶❙ ": Skip (forward) button
⒀ "A-B": Section repeat button
⒁ "SACD/CD": SACD/CD layer switch button
⒂ "TIME": Time display mode button
⒃ "ST/MCH": Stereo/Multi-Channel play mode switch button
⒄ "MUTE": Mute button
⒅ "DISPLAY": Display brightness adjusting button

IX TROUBLESHOOTING   VI WARRANTY SERVICE

If you have checked everything below and the unit is still not working, please contact your dealer.

Problem	Cause	Remedy
Power indicator light does not come on when power switch is toggled on.	No power at the receptacle. Test by plugging in a light or appliance that you know works. The power cord is not plugged in. Fuse may be broken.	Check and reset or replace the appropriate breakers or fuses. Insure both ends of the power cord are securely plugged in. Replace the fuse with one of the spare fuses.
Cannot play.	The disc is scratched seriously or dirty. The disc is placed reversedly or there is dew condensed on the laser head. The disc cannot be identified.	Change a good disc or clean the disc. Place the disc label-side up. Place the player in a dry surrounding for several hours. Play discs that can be identified by the player.
No sound.	The signal cables are not connected well. The mute function is start up.	Connect the signal cables well. Cancel the mute function.
The function of the remote control unit is not sensitive.	Something disturbs in the surroundings. For example, strong fluorescent lamp. The batteries have not enough power. There are obstacles between the remote control unit and the player.	Leave the disturbing source. Change the batteries. Remove the obstacles.