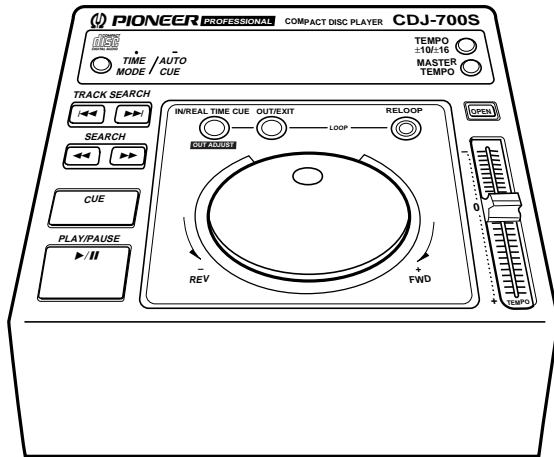


COMPACT DISC PLAYER
CDJ-700S



Thank you for purchasing the Pioneer CDJ-700S Compact Disc Player. Be sure to read these operating instructions before using your player to prevent any damage that may result from improper operation. Once you have finished reading the instructions, place them in a safe place where they won't become lost and can be easily accessed for future reference.

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

IMPORTANT NOTICE

The serial number for this equipment is located on the rear panel. Please write this serial number on your enclosed warranty card and keep it in a secure area. This is for your security.

[For Canadian model]

CAUTION: TO PREVENT ELECTRIC SHOCK DO NOT USE THIS (POLARIZED) PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

ATTENTION: POUR PREVENIR LES CHOCS ELECTRIQUES NE PAS UTILISER CETTE FICHE POLARISEE AVEC UN PROLONGATEUR, UNE PRISE DE COURANT OU UNE AUTRE SORTIE DE COURANT, SAUF SI LES LAMES PEUVENT ETRE INSEREES A FOND SANS EN LAISSER AUCUNE PARTIE A DECOUVERT.

Information to User

Alteration or modifications carried out without appropriate authorization may invalidate the user's right to operate the equipment.

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.

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CAUTION: This product satisfies FCC regulations when shielded cables and connectors are used to connect the unit to other equipment. To prevent electromagnetic interference with electric appliances such as radios and televisions, use shielded cables and connectors for connections.

[For Canadian model]

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

[Pour le modèle Canadien]

Cet appareil numérique de la Classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

IMPORTANT 1



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.



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



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

IMPORTANT SAFETY INSTRUCTIONS

READ INSTRUCTIONS — All the safety and operating instructions should be read before the product is operated.

RETAIN INSTRUCTIONS — The safety and operating instructions should be retained for future reference.

HEED WARNINGS — All warnings on the product and in the operating instructions should be adhered to.

FOLLOW INSTRUCTIONS — All operating and use instructions should be followed.

CLEANING — The product should be cleaned only with a polishing cloth or a soft dry cloth. Never clean with furniture wax, benzene, insecticides or other volatile liquids since they may corrode the cabinet.

ATTACHMENTS — Do not use attachments not recommended by the product manufacturer as they may cause hazards.

WATER AND MOISTURE — Do not use this product near water — for example, near a bathtub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool; and the like.

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.

CART — 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.



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.

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.

LOCATION — The appliance should be installed in a stable location.

NONUSE PERIODS — The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.

GROUNDING OR POLARIZATION

- If this product is equipped with a polarized alternating current line plug (a plug having one blade wider than the other), it will fit into the 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.

- If this product is equipped with a three-wire grounding type plug, a plug having a third (grounding) pin, it will only fit into a grounding type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding type plug.

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.

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. See Figure A.

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.

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.

OVERLOADING — Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.

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.

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.

DAMAGE REQUIRING SERVICE — Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- When the power-supply cord or plug is damaged.
- If liquid has been spilled, or objects have fallen into the product.
- If the product has been exposed to rain or water.
- 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.
- If the product has been dropped or damaged in any way.
- When the product exhibits a distinct change in performance — this indicates a need for service.

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.

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.

WALL OR CEILING MOUNTING — The product should not be mounted to a wall or ceiling.

HEAT — The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

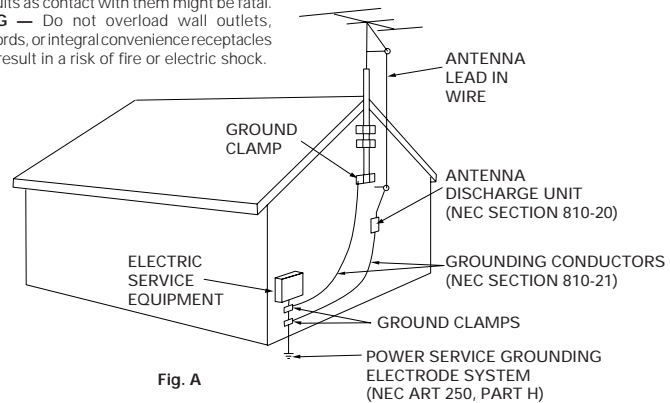


Fig. A

NEC — NATIONAL ELECTRICAL CODE

CAUTION

- Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.
- The use of optical instruments with this product will increase eye hazard.



Dear Customer:

Selecting fine audio equipment such as the unit you've just purchased is only the start of your musical enjoyment. Now it's time to consider how you can maximize the fun and excitement your equipment offers. This manufacturer and the Electronic Industries Association's Consumer Electronics Group want you to get the most out of your equipment by playing it at a safe level. One that lets the sound come through loud and clear without annoying blaring or distortion-and, most importantly, without affecting your sensitive hearing.

Sound can be deceiving. Over time your hearing "comfort level" adapts to higher volumes of sound. So what sounds "normal" can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

To establish a safe level:

- Start your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, and without distortion.

Once you have established a comfortable sound level:

- Set the dial and leave it there.

Taking a minute to do this now will help to prevent hearing damage or loss in the future. After all, we want you listening for a lifetime.

We Want You Listening For A Lifetime

Used wisely, your new sound equipment will provide a lifetime of fun and enjoyment. Since hearing damage from loud noise is often undetectable until it is too late, this manufacturer and the Electronic Industries Association's Consumer Electronics Group recommend you avoid prolonged exposure to excessive noise. This list of sound levels is included for your protection.

Decibel

Level	Example
30	Quiet library, soft whispers
40	Living room, refrigerator, bedroom away from traffic
50	Light traffic, normal conversation, quiet office
60	Air conditioner at 20 feet, sewing machine
70	Vacuum cleaner, hair dryer, noisy restaurant
80	Average city traffic, garbage disposals, alarm clock at two feet.

THE FOLLOWING NOISES CAN BE DANGEROUS UNDER CONSTANT EXPOSURE

90	Subway, motorcycle, truck traffic, lawn mower
100	Garbage truck, chain saw, pneumatic drill
120	Rock band concert in front of speakers, thunderclap
140	Gunshot blast, jet plane
180	Rocket launching pad

Information courtesy of the Deafness Research Foundation.



CAUTIONS REGARDING HANDLING

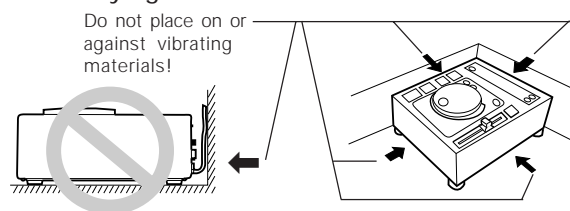
Location

Install the player in a well-ventilated location where it will not be exposed to high temperatures or humidity. Do not install the player in a location which is exposed to direct sunlight, or near stoves or radiators. Excessive heat can adversely affect the cabinet and internal components. Installation of the player in a damp or dusty environment may also result in a malfunction and can be hazardous. Avoid installation near cookers etc., where the player may be exposed to oily smoke, steam or heat.

Installation guidelines

- Placing and using the compact disc player for long periods on heat-generating sources such as amplifiers or near spotlights, etc. will affect product performance. Avoid placing the player on heat-generating sources.
- Install this compact disc player as far as possible away from tuners and TV sets. A compact disc player installed in close proximity to such equipment may cause noise or degradation of the picture.
- Noise may be noticeable when an indoor antenna is used. In such cases, make use of an outdoor antenna or turn off power to the compact disc player.
- When the unit is used in a loud-sound environment, e.g., near a speaker, sound skip may occur. Install the unit away from the speaker or reduce the listening volume.
- Place this unit on a level surface and a stable platform.

- Be sure the player, including its audio and power supply cords, does not touch vibrating materials. This player has a shock absorber incorporated in the insulators to absorb vibration. Any cause of vibration other than the insulators may cause the disc to skip. Take special care when using the player while it is installed in a carrying case.



Cleaning the player

To clean the PLAYER wipe with a polishing or a soft, dry cloth. For stubborn dirt, moisten a soft cloth with a weak solution of neutral detergent (diluted in five to six parts water), wring the cloth well, and wipe away the dirt. Use a dry cloth to wipe the surface dry. Do not use volatile liquids such as benzene or thinner which will damage to the unit.

CD lens cleaner

The player's pickup lens should not become dirty in normal use. If for some reason, the lens becomes soiled and malfunctions, contact your nearest PIONEER authorized service center. Lens cleaners for CD players are commercially available, but special care should be exercised in their use as some may cause damage to the lens.

Storing discs

- Discs are made of the same kinds of plastic used for conventional analog audio records. Be careful not to allow discs to warp. Always store discs in their cases vertically, avoiding locations with high heat, humidity, or extremely low temperatures. Avoid leaving discs in cars; the interior of a car in direct sunlight can become extremely hot.
- Always read and abide by the precautionary notes listed on disc labels.

Mounting Rack

- When using a commercially available 19-inch standard rack (EIA) with a sliding shelf, use the supplied screws and spacers for mounting the player to the sliding shelf. The player's installation surface board of the sliding shelf should be 1.6 mm ~ 2 mm thick.

FEATURES

This component is a compact disc player specially designed for use in discotheques, it combines the functions and operating convenience needed in disco applications with the unique characteristics of the compact disc medium. Its width is only one-half EIA size, the unit includes all the features of the CDJ-500-2.

JOG DIAL

The large-diameter (89 mm) jog dial allows the user to compensate music beat in the same way common to analog turntables.

Merely rotating the dial with the fingertips allows you to find the precise entry point for tracks, moving in increments of one-frame (1/75th second).

TEMPO CONTROL

Long-stroke (100 mm) high-precision slider control allows exact control of track speed.

The digital display with a 0.1% unit readout provides simplified tempo control with higher accuracy.

● Two Tempo Control Ranges

The range of tempo adjustment can be set to one of two ranges ($\pm 10\%$ or $\pm 16\%$) making it easier to achieve desired adjustment.

QUICK START

Pressing the button from the standby mode produces instantaneous (0.01 second or less) music start.

Normal CD players require up to 0.3 seconds from the standby mode to the production of sound. The quick start function virtually eliminates this time lag making for smoother track-to-track splices.

MASTER TEMPO

Changes music tempo without changing pitch.

With analog systems, changing track speed results in a change in pitch. Master Tempo Control takes advantage of the unique features of digital medium enabling track speed to be changed with no deterioration of the original pitch.

PLAYING ADDRESS

Analog bar graph gives direct indication elapsed and remaining playing time.

This bar graph provides a direct visual readout of the progress of the track playback, comparable to the moving needle position on an analog record. The length of the bar gives the user immediate knowledge of the current location on the track, and the flashing bar display warns of the impending end of track.

DJ SYSTEM

With a panel depth and height the same as Pioneer's DJ Mixer DJM-300, this unit facilitates use in an integrated system.

SEAMLESS LOOP

Allows limitless, uninterrupted repeats of any portion of a track.

Setting the starting and ending points of a loop is simple. Canceling the loop ends the repeat play function, returning the player to normal playback of the track. Unbroken playback loops can be specified in any time range from one frame (about 0.013 second) up to ten full minutes.

REAL TIME LOOP

Allows setting of a loop in point on the fly.

Simple setting and cancellation of loops. By activating the function while playing a track, the user can select a loop's in and out points on the fly as playback continues and can create a loop just instants before the end of a track, there by continuing playback and preventing the track from ending.

● Loop Adjust

One-touch modification of a loop's out point.

The addition of a new ADJUST mode makes it easier to change the point at which a loop ends making the loop function even more convenient.

RELOOP

Allows you to return to a previously set loop any number of times.

After canceling loop play, pressing the RELOOP button returns play to the previously set loop. Endless new possibilities are provided by mastering how to turn loops on and off in conjunction with the music rhythm.

● Short Cut

As a subfunction of the reloop function, unwanted portions of a track can be eliminated and the remainder combined for seamless loop play.

For example, a new track could be created by combining the introduction and ending of an existing track.

CUE

Full cueing functions.

● Back Cue Function

Pressing the CUE button after listening to sound from a cue point returns the pickup to the cue point and allows the play to restart from there.

The back cue function allows you to return any number of times to a preselected cue point by pressing a single button.

● Auto Cue Function

Automatic bypassing of the non-recorded part of track introductions, cueing the track to a standby point immediately before sound starts.

This function allows instantaneous start of playback when the PLAY button is pressed.

● Cue Point Sampler Function

Allows playing up to ten minutes of sound from a preselected cue point.

This function is convenient for confirming a cue point or creating a track sampler. Its on-the-fly setting of cue points greatly facilitating the selection and change of cue points.

RELAY PLAY

Connect two CDJ-700S decks.

If two units are connected, when playback of a track comes to an end on one deck, standby mode on the second deck is released instantly beginning playback on that deck.

HEADPHONES JACK

Built-in headphones jack with volume control.

A headphones jack is located on the rear panel allowing the monitoring of sound at any time.

PICKUP PROTECTOR

Whenever the disc compartment door is opened, a shutter closes over the pickup section protecting the pickup and motor from tobacco smoke, dust and other foreign matter.

INCLINED MOUNT

45° Tilt Mounting

The deck can be mounted at an angle of 0 to 45° (tilting toward the user) for greater range of use.

OIL-DAMPED SUSPENSION

Oil-damped floating suspension protects against vibrations and impacts.

The player has been designed with an oil-damped floating suspension to prevent sound skipping even when the unit is subjected to impacts during use or floor-transmitted vibrations. The case incorporates a specially insulated disc compartment capable of withstanding the high sound pressures produced in disco environments.

CONNECTIONS

- Before making or changing the connections, switch off the power switch and disconnect the power cord from the AC outlet.

AUDIO OUTPUT CONNECTION

Connect the player's AUDIO OUT jack to the LINE IN or AUX IN jack of a DJ mixer or similar component. Make sure that the white plugs are connected to the left (L) jacks and the red plugs to the right (R) jacks.

- Do not connect this player to the DJ mixer MIC jacks, as the sound will be distorted and will not be properly reproduced.
- The illustration shows an example of connections made when the CDJ-700S is connected to the DJM-300 or DJM-500.

CONTROL JACK CONNECTIONS

Connect both CONTROL jacks of two players with the accessory mini-plug cable. By connecting two players, continuous playback on both players can be carried out alternately. (Refer to page 12.)

By connecting the optional DJM-500 or DJM-300 DJ mixer to the CONTROL jack of this unit, the fader starting or back cuing of this unit can be controlled from the audio mixer. For the connection and operation, read the operating instructions of the DJM-500 or DJM-300 DJ mixer.

NOTE:

Fader start and relay play cannot be performed simultaneously, since different control cable connections are required.

POWER CORD CONNECTIONS

After all other connections are made, connect the power cord to a household wall outlet or to the auxiliary AC power takeoff on your amplifier.

- Make sure plugs are fully inserted into the jacks and wall outlet.

NOTE:

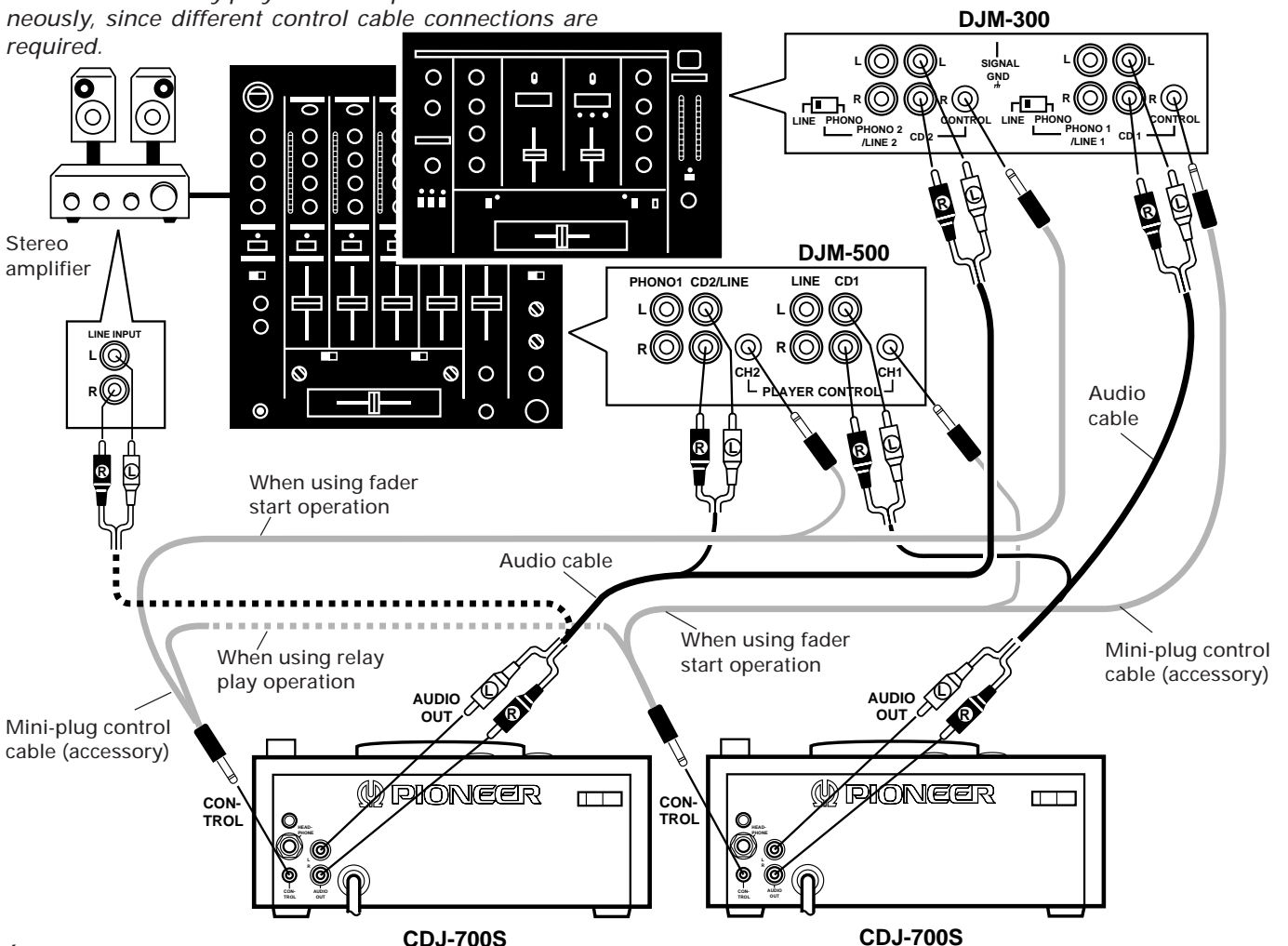
If you do the following actions when the disc is spinning in the unit, the unit may malfunction.

- 1) Set the power switch to off, then on.
- 2) Disconnect the power cord, then connect again.

To correct, press the EJECT button to stop the disc. You may then resume player operation.

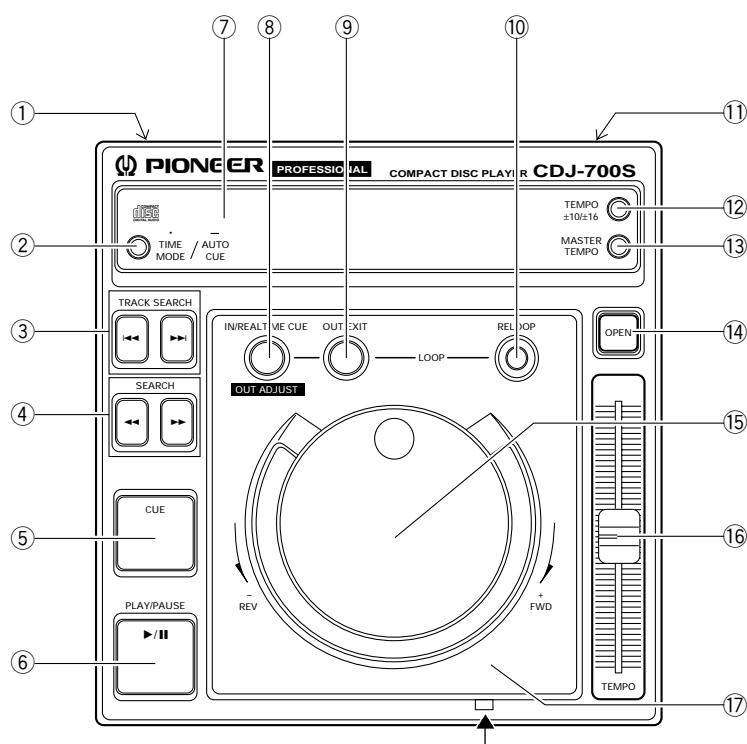
POWER-CORD CAUTION

Handle the power cord by the plug. Do not pull out the plug by tugging the cord and never touch the power cord when your hands are wet as this could cause a short circuit or electric shock. Do not place the unit, a piece of furniture, etc., on the power cord, or pinch the cord. Never make a knot in the cord or tie it with other cords. The power cords should be routed such that they are not likely to be stepped on. A damaged power cord can cause a fire or give you an electrical shock. Check the power cord once in a while. When you find it damaged, ask your nearest PIONEER authorized service center or your dealer for a replacement.



PANEL FACILITIES

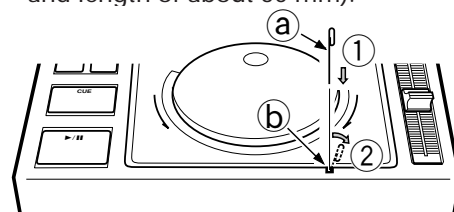
Top Panel



Force ejection hole

In case the door cannot be opened by pressing the OPEN button due to a certain reason, this unit is provided with a mechanism for opening the door manually.

1. Unplug the power cord from the power outlet.
2. Fabricate a key **a** using a clip (or any metallic wire with a diameter of about 1 mm and length of about 50 mm).



3. Insert key **a** straight into hole **b** shown in the illustration **1**.
4. Turn key **a** to the right **2**.

CAUTION:

Be sure power is turned OFF before using forced eject. If forced eject is attempted when power is turned ON, the disc may fly out at high speed, resulting in damage.

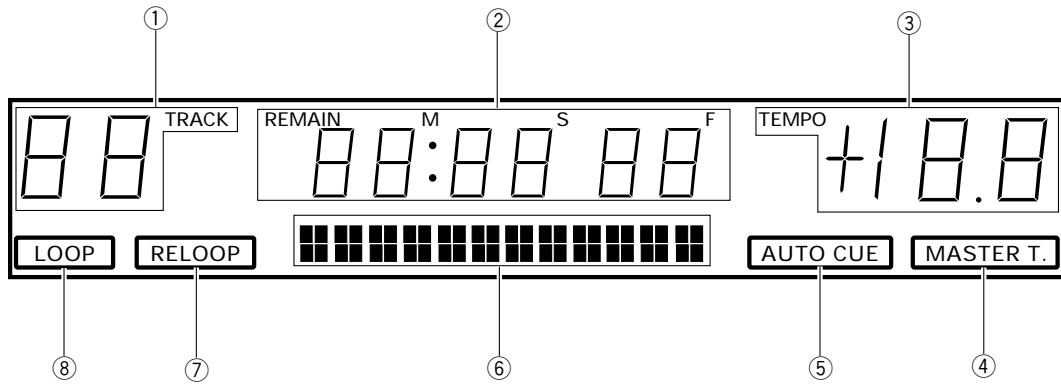
- POWER switch**
(Located on rear panel)
Provides electrical power to the player.
- TIME MODE/AUTO CUE button**
Two functions are available.
[Time display]
Each time this button is pressed, the time display changes between the elapsed playback time of the track (TIME) and the remaining playback time of the track (REMAIN).
 - The REMAIN display appears when power is turned ON.
 [Auto Cue function] ⇒ P. 9
When a disc is initially loaded or when performing track search, this function automatically stores the cue point (the point immediately preceding actual sound output) in memory.
 - The Auto Cue function defaults to OFF when power is first turned on.
- TRACK SEARCH buttons** (◀◀, ▶▶) ⇒ P. 9
- SEARCH buttons** (◀, ▶) ⇒ P. 9, P. 12
- CUE button/indicator**
Three functions are available.
[Cue Point Memory] ⇒ P. 10, P. 11
[Back Cue] ⇒ P. 12
[Cue Point Sampler] ⇒ P. 12, P. 13
- PLAY/PAUSE button/indicator** (▶/||) ⇒ P. 9
- Display window** ⇒ P. 8
- LOOP IN/REAL TIME CUE/OUT ADJUST button** ⇒ P. 11, P. 13
- LOOP OUT/EXIT button** ⇒ P. 11, P. 13
- RELOOP button** ⇒ P. 11, P. 13
- Headphones jack, Level control (HEADPHONE, HEADPHONE VOLUME)**
Located on rear panel.
 - The headphone jack is provided only to allow confirmation of the disc sound; as a result, the volume provided by the headphone output may seem insufficient when listening within a disco or other environment characterized by high sound volume.
- TEMPO control range button (TEMPO ±10/±16)**
Each time this button is pressed, the tempo adjustment range produced by the TEMPO control slider toggles between the two range ±10% and ±16%. When the range is switched, the newly selected range (10.0 or 16.0) flashes on the display for about two seconds.
 - The adjustment range defaults to ±10% when power is first turned ON.
- MASTER TEMPO button** ⇒ P. 11, P. 13

- ⑭ **OPEN button**
Press this button to open the disc compartment door.
 - When pressed during playback, disc rotation stops before the door opens.
- ⑮ **Jog dial (+ FWD/- REV) ⇔ P. 11**
- ⑯ **TEMPO control knob**
The playback tempo can be changed with this knob. The center clicked position is for normal playback tempo. If you slide the knob (down) towards you (+ side), the music tempo quickens. If the knob is away from you (- side), the music tempo slows.

- ⑰ **Disc compartment door**
Press the OPEN button to open the door. To close the door, push gently on the front of the door.

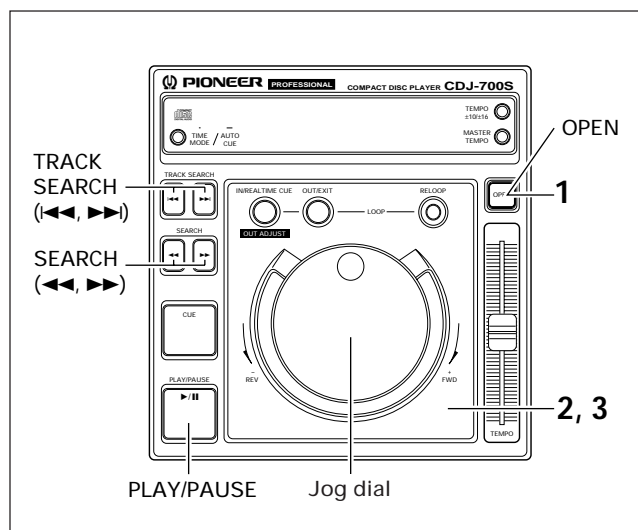
In order to prevent interference with outside sounds and to enhance operation of the jog dial, the disc compartment door is designed with a two-point locking mechanism. To close the door, press the door down firmly in the center, at the position just in front of the jog dial.

Display Window



- ① **TRACK number display**
Displays the current number of the track playing.
- ② **Time display (REMAIN)**
The elapsed playback time of the track being played or the remaining playback time of the track being played (REMAIN) is displayed in minutes (M) and seconds (S), or frames (F).
- ③ **Playback tempo (TEMPO) display**
The playback tempo adjusted with the TEMPO control knob is displayed (up to ±10% or ±16%) in steps of 0.1%.
- ④ **MASTER T. indicator**
Lights when the MASTER TEMPO function is used.
- ⑤ **AUTO CUE indicator**
Lights when the AUTO CUE function is used.
- ⑥ **Playback address display**
The elapsed playback time or remaining playback time of the track playing is roughly indicated with the full-scaled bar graph.
 - When no disc is in the disc compartment off
 - When displaying elapsed playback time lights up from the left side
 - When displaying remaining playback time turns off from the left side
 - When remaining playback time is less than 30 seconds blinks
- ⑦ **RELOOP indicator**
Lights when loop playback is possible. The loop-in point (start point) and loop-out point (end point) are stored in memory.
- ⑧ **LOOP indicator**
Lights during loop playback.

ORDINARY CD PLAYER OPERATIONS



Setting the Auto Cue function ON/OFF

Press and hold the TIME MODE/AUTO CUE button for one or more seconds to toggle the auto cue mode on and off. The auto cue function is turned on when the indicator light showing AUTO CUE is lit.

Playback Operations

These represent basic playback operations when the auto cue function is off (the display's AUTO CUE indicator goes off).

1. Press the OPEN button.
2. Insert a disc.
 - Set the disc in the center of the tray with the label side up.
 - When loading an 8-cm (3-inch) disc, set the disc in the groove in the very center of the tray.
 - Load only one disc at a time.
3. Press the front of the disc door to close.
 - Play will begin automatically from track 1.
 - If the auto-cue function is set to off, playback will not stop after the first track ends but continue sequentially from the first track to the subsequent tracks.
 - Play stops automatically after the last track is played.

To Stop Play

Press the OPEN button.

- Play will stop and the disc door will open.
- The unit is not provided with a special stop button.

To Pause Play

During playback, press the PLAY/PAUSE button (▶/||).

- The ▶/|| indicator and cue indicator (CUE) will flash and play will be interrupted.
- To resume playback, press the PLAY/PAUSE button once again; the ▶/|| indicator will light steadily and playback will resume.
- Broken sound will still be audible during the standby mode; if you wish to stop all sound, lower the output sound volume on your audio mixer.
- When the unit has not been operated for 80 minutes or more in pause mode, the disc rotation stops automatically. In this instance, playback can be resumed by pressing the PLAY/PAUSE button.

Track Cueing

■ TRACK SEARCH buttons (◀◀, ▶▶)

Press one of the TRACK SEARCH buttons (◀◀, ▶▶).

- Each time the button is pressed, the track is cued in the direction corresponding to the arrow on the button (during playback of one track, to cue playback to the beginning of the preceding track, press the ◀◀ button twice).
- When the button is press down and held, cueing is continuous. If the button is held for two seconds or more, the cue speed increases.
- When the beginning of the first track (track 1) is reached, pressing the ◀◀ button will cue to the last track.
- When the end of the disc's last track is reached, pressing the ▶▶ button will cue to the first track (track 1).

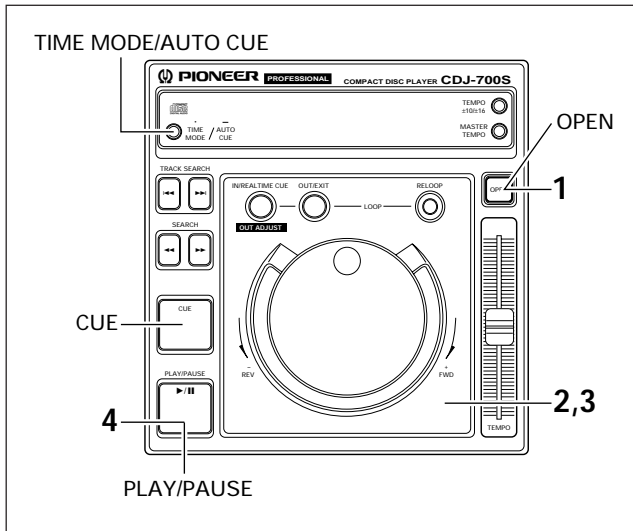
Fast-Forward / Fast-Reverse

■ Operation using the SEARCH buttons

Press the SEARCH buttons (◀◀, ▶▶) during playback.

Press and hold the ▶▶ button to fast forward the disc; press and hold the ◀◀ button to do fast reverse.

DJ PLAYER OPERATIONS



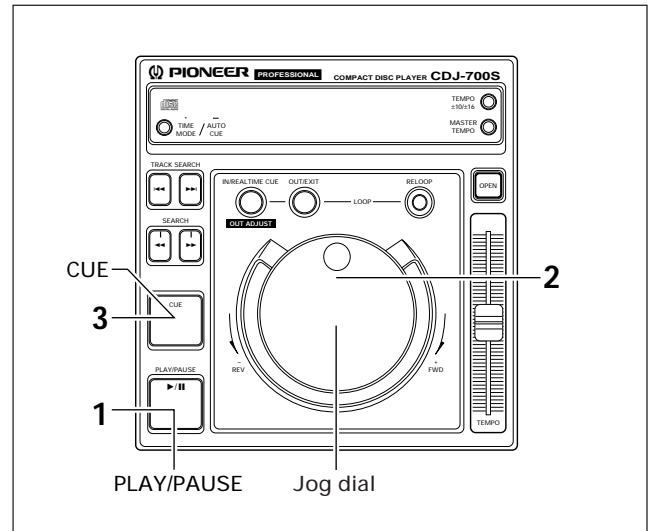
Playback Operations with Auto Cue Function ON

These represent basic playback operations when the auto cue function is on (the display's AUTO CUE indicator is lit).

1. Press the **OPEN** button.
 2. Load a compact disc.
 - Set the disc in the center of the tray with the label side up.
 - When loading an 8-cm (3-inch) disc, set the disc in the groove in the very center of the tray.
 - Load only one disc at a time.
 3. Press the front of the disc door to close.
 4. Press the **PLAY/PAUSE** button (▶/||).
 - Press this button only after the cue indicator (CUE) is lit. Playback will begin immediately.
- When playback of one track ends, the player advances to cue the beginning of the next track and enters the standby mode. The cue indicator (CUE) lights, and the ▶/|| indicator flashes indicating the unit is in playback standby mode. When the PLAY/PAUSE button (▶/||) is pressed, the cued track will playback immediately.

Cueing by Frames

- **Jog dial**
 During playback, press the **PLAY/PAUSE** button (▶/||) to enter standby mode, then rotate the jog dial to cue by frame.
- Cueing is performed in increments of single frames by rotating the jog dial.
 - When the jog dial is rotated clockwise, the player cues forward; rotate counterclockwise to cue in the reverse direction.
 - When the jog dial is turned at a speed of about 1 rotation per second, normal playback sound will be produced (75 frames = 1 second).
- **Operation using the SEARCH buttons**
 With the unit in the standby mode, press one of the **SEARCH** buttons (◀◀, ▶▶).
- Each time the button is pressed, the disc will move 10 one frame in the indicated direction.

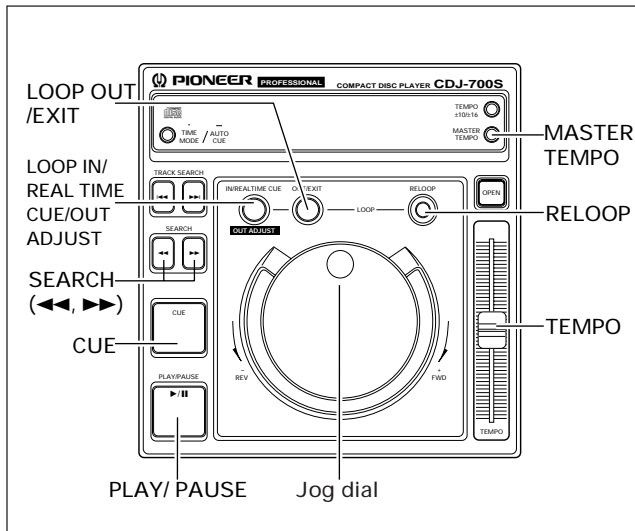


Setting a Cue Point

Once a cue point is recorded in the memory, pressing the CUE button causes the unit to enter the playback standby mode at the cue point.

1. During playback, when the disc comes to the point you wish to cue, press the **PLAY/PAUSE** button (▶/||) to enter standby mode.
2. Rotate the jog dial to search for the desired location.
 - To set the cue point while listening to the sound, use the jog dial to return the disc to a point just before the point at which you wish to begin playback from the cue. (The cue point is that point immediately after the sound heard in the audible pause mode.)
3. When the frame number or the audible sound reaches the desired cueing point, press the **CUE** button.
 - When the sound is muted and the cue indicator (CUE) lights, the cue point has been stored in memory.
 - Each time a new cue point is stored in memory, any previously stored cue point is erased.

SPECIAL DISC JOCKEY TECHNIQUES



Jog Dial Functions

Playback

During playback, rotate the jog dial slowly (two times or less per second: beat search)

- The beat (tempo) changes in proportion to the amount the dial is rotated, either increasing (FWD+) or decreasing (REV-).
- When dial rotation is stopped, the tempo returns to its original speed.

Rotating the jog dial quickly (more than two times per second) during playback.

- Fast forward or fast reverse will be performed while producing broken or intermittent sound from the disc.

Standby (Frame Search)

With the unit in standby mode, rotate the jog dial slowly.

- Frame search will be performed in 1-frame increments.
- If the dial is rotated at a steady rate in the FWD+ direction, playback sound will be audible (normal speed).

Cue Standby (Cue Point Adjust)

With the unit in cue standby mode, pressing one of the SEARCH buttons (◀◀, ▶▶) causes the unit to enter the audible standby mode (disc sound can still be heard even though unit is in standby). Rotating the jog dial moves the cue point. After moving the cue point, press the CUE button to set the new cue point.

Loop Play (Loop-Out Point Adjust)

During loop play, press the LOOP OUT ADJUST button to enter loop out adjust mode. Rotating the jog dial move the loop out point in 1-frame increments.

Master Tempo

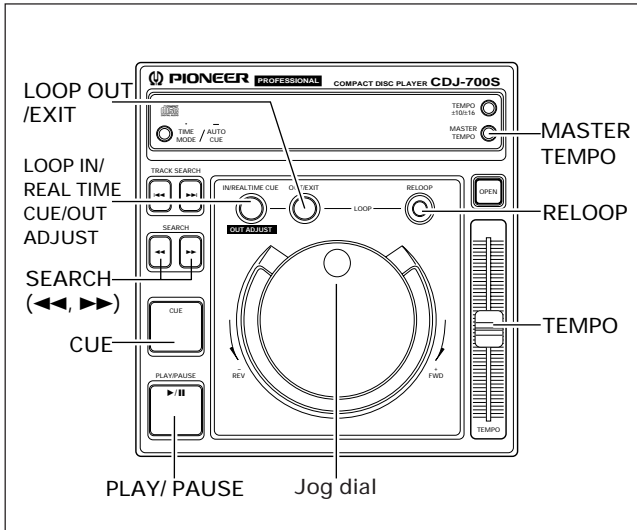
1. Press the MASTER TEMPO button.
 - The MASTER T. indicator lights.
2. Move the TEMPO slider to change the playing speed.
 - Even when the music's speed changes, the music pitch does not change.

Loop Play

- **Designate a loop**
 1. Press the PLAY/PAUSE button (▶/||) to begin playback.
 2. Press the LOOP IN/REAL TIME CUE button at the desired loop in point.
 3. As playback continues, press the LOOP OUT/EXIT button at the loop out point.
 - Loop play begins automatically (between the loop-in and loop-out points).
- **Cancel loop play**
During loop play, press the LOOP OUT/EXIT button or RELOOP button.
 - When playback reaches the loop out point, playback continues without returning to the loop in point.
- **Change the loop out point:**
 1. After loop play has begun, press the LOOP OUT ADJUST button.
 - The LOOP OUT/EXIT button indicator will dim, and the LOOP OUT ADJUST button indicator will begin flashing more quickly.
 2. Press one of the SEARCH buttons (◀◀, ▶▶).
 - The loop out point moves in 1-frame increments.
 - The loop out point also can be changed by rotating the jog dial.
 - Either press the LOOP OUT ADJUST button or leave the unit for 30 seconds for the adjustment to take effect.
- **Return to a loop**
After canceling loop play, press the RELOOP button during playback.
 - Playback will return to the previously set loop and loop play will be resumed (reloop).

Cueing

- **Cueing Operations (setting a cue point)**
 1. During playback, press the LOOP IN/REAL TIME CUE/OUT ADJUST button at the desired cue point.
 - The cue point will be set at the point the button is pressed.
 2. Press the CUE button.
 - The player's pickup will return to the set cue point and enter the standby mode.
 3. Press the PLAY/PAUSE button (▶/||).
 - Playback will begin instantly from the cue point.



- **Confirm a cue point (cue point sampler)**
After setting a cue point, press and hold the CUE button.
 - As long as the CUE button is held depressed, the sound of the track at the cued point can be heard.
- **Return to a cue point (back cue)**
 1. During playback, press the CUE button.
 - The player returns to the set cue point and enters standby mode.
 2. Press the PLAY/PAUSE button (▶/||).
 - Playback will begin instantly from the cue point.
- **Modify a cue point (cue point adjust)**
 1. During playback, press the CUE button.
 - The player returns to the set cue point and enters standby mode.
 2. Press the SEARCH buttons (◀▶).
 - The cue point moves in 1-frame increments (broken sound will be reversed).
 - The cue point can also be changed by rotating the jog dial (broken sound will be reversed).
 3. Press the CUE button.
 - The new cue point will be set at the point the CUE button is pressed.

NOTE:
Loop play will be canceled.

Fader Start Playback

When this player's CONTROL jack is connected to one of the optional Pioneer DJ Mixers DJM-500 or DJM-300, raising the DJ Mixer's channel fader causes the player's cue standby mode to be released, starting playback of the track instantly. The player's fader start operation can also be used to produce cross-fader effects. Restoring the fader position returns the player to its cue point (back cue) automatically.

The following operations are performed on the DJ Mixer. For details regarding connections and operation, consult the Operating Instructions furnished with your DJ Mixer.

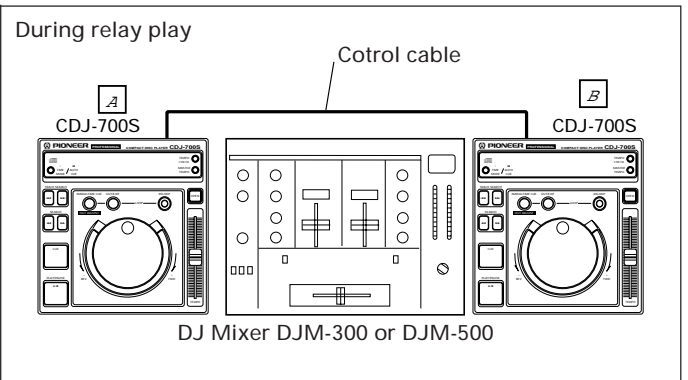
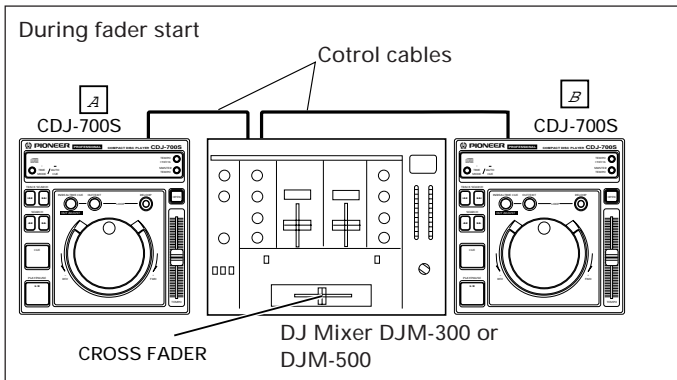
- ① Set CROSS FADER switch to ON.
- ② Set FADER START switch to ON.
- ③ When "A" is in standby mode at cue point, move the CROSS FADER slider from right to left to automatically start playback on "A".
- ④ When "B" is in standby mode at cue point, move the CROSS FADER slider from left to right to automatically start playback on "B". ("A" will simultaneously be back-cued (returns to cue point)).

Relay Play Using Two Players

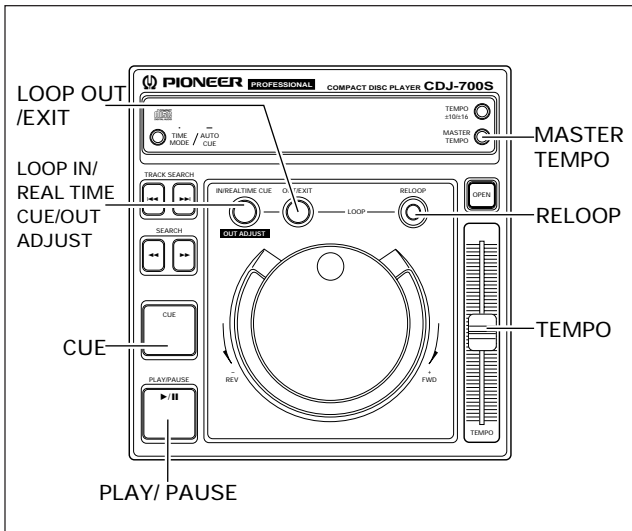
- Set both player's auto cue function to ON (the AUTO CUE indicators will light in the displays).
 - Set your audio mixer's fader control to its center position.
1. Begin playback on the first player.
 2. When the currently playing track ends, playback will begin automatically on the standby player.
 3. The first player will enter cue standby mode at the beginning of the next track on its disc.
 - By repeating this operation, the two players can be used to perform continuous relay play.
 - By loading new discs on the standby player, you can construct a continuous program of whatever tracks you wish.
 - By setting a cue point on the standby player, you can perform relay to any desired cue point on the selected track (see page 10: Setting a Cue Point).

NOTE:

- Relay play may not operate properly if the audio out jacks on the two players are not connected to the same audio mixer.
- If the power to one player is turned off during its playback, the other player may begin playback.



ADVANCED TECHNIQUES



Technique 1: Master Tempo and Seamless Loop

To cover the currently playing track, create a loop on the standby track matching the same tempo and without changing the pitch.

1. Set **MASTER TEMPO** button to ON.
 - The MASTER T. indicator lights on the display.
2. Move the **TEMPO** slider to adjust the tempo of the standby track to that of the current track.
3. At the point you wish to begin the loop, press the **LOOP IN/REAL TIME CUE** button.
4. At the point you wish to end the loop, press the **LOOP OUT/EXIT** button.

Technique 2: Real Time Loop and Reloop

Create a loop during playback, cancel the loop, and then return to the canceled loop.

1. During playback, press the **LOOP IN/REAL TIME CUE** button at the point you wish to begin the loop.
2. At the point you wish to end the loop, press the **LOOP OUT/EXIT** button.
3. When you no longer desire loop play, press the **LOOP OUT/EXIT** button or **RELOOP** button.
 - The loop play will be canceled at the next phrase.
4. When you wish to return to the earlier loop, press the **RELOOP** button.
 - Loop play will return to the same playback loop canceled in step 3.

Technique 3: Real Time Cue and Cue Point Sampler

Set a cue point on the fly, and sample the currently playing track.

1. During playback, press the **LOOP IN/REAL TIME CUE** button.
2. Press the **CUE** button with timing that will give the playback an accent.
 - Playback will return to the cue point set in step 1.
3. In rhythm to the piece, press the **PLAY/PAUSE** button (▶/⏸).
 - The track will play from the cue point.
 - If you press the **CUE** button instead of the **PLAY/PAUSE** button, sound will be produced only as long as the button is pressed.
 - By repeating steps 2 and 3 in a way that matches the track being played, you can create playback that sounds like a sampler is being used.

Technique 4: Loop and Reloop ----Short Cut----

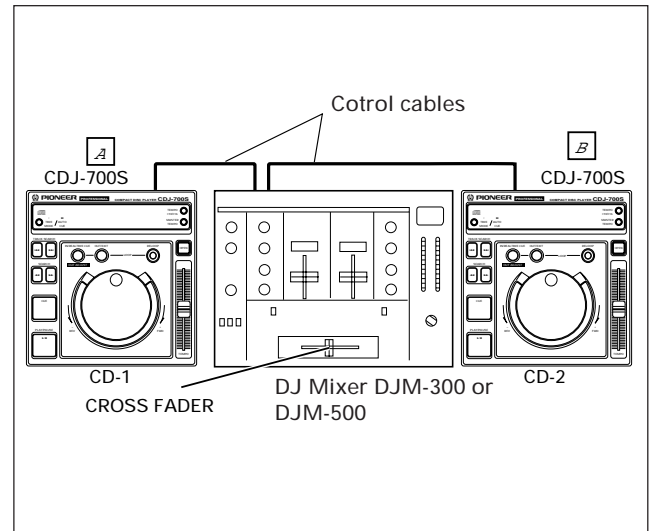
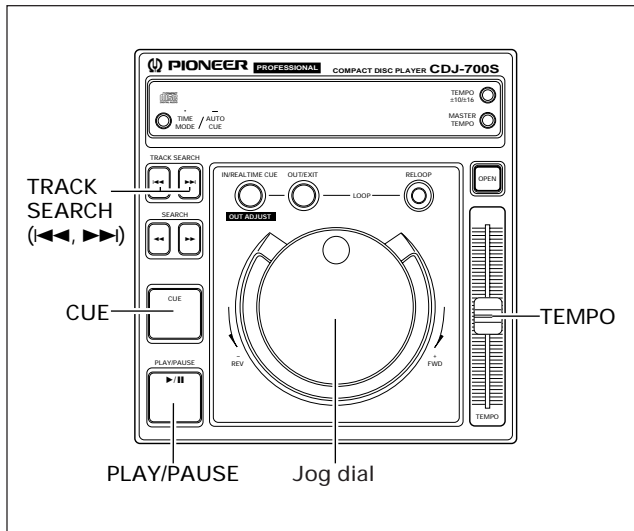
Make a track composed of the introduction and ending only.

1. While standing by to play the next track, create a loop containing only the ending portion of the track.
 - ① Press the **LOOP IN/REAL TIME CUE** button at the point you wish to start the loop.
 - ② Press the **LOOP OUT/EXIT** button at the point you wish to end the loop.
2. Press the track search button (◀◀) to begin play from the beginning of the track.
3. Pay attention to the timing as the introduction finishes playing, and press the **RELOOP** button at the point just before the vocal portion begins.
 - The play will shift to the set loop and play the track's ending portion.

NOTE:

Set the Auto Cue mode to OFF when using this shortcut.

MIXING DIFFERENT TRACKS



(Example: Mix track B with currently playing track A from the main speakers.)

- Connect CD-1 to the DJ mixer's CH 1, and connect CD-2 to CH 2.
 - Raise the TRIM, CHANNEL FADER, and MASTER LEVEL settings appropriately so that sound is produced from CD-1.
1. Set the DJ Mixer's CROSS FADER slider at its left side (CH 1).
 - Track A is heard from speakers.
 2. Load a CD on player CD-2.
 3. Press the TRACK SEARCH buttons (◀◀, ▶▶) on player CD-2 to find and select track B.
 4. Set the Mixer's MONITOR SELECTOR button CH 2 to ON.
 5. Rotate the DJ Mixer's MONITOR LEVEL so that track B can be heard from the headphones.
 - Only track A is heard from the main speakers.
 6. Set cueing for track B on the headphones.
 - ① With player CD-2 in the playback mode, press the PLAY/PAUSE button (▶/||) hear the point you wish to cue.
 - The player will enter the pause mode (Broken sound will be audible).
 - ② Rotate player CD-2's jog dial and search for the track's cue point (first beat).
 - ③ When you have settled on the cue point, press the CUE button on player CD-2.
 - The player's sound will be muted and cueing will be completed.
 7. Simultaneously press player CD-2's PLAY/PAUSE button (▶/||) when track A is heard from the speakers.
 - Only the track A will be heard from the main speakers.
 - Track B will be heard from the headphones.

8. Move the TEMPO slider to match the tempo (BPM=beats per minute) of tracks A and B.
 - ① The DJ mixer displays the track's BPM (in numbers).
 - For details regarding the operation of the DJ Mixer, consult the Operating Instructions accompanying the DJ Mixer.
 - ② Move the TEMPO slider of player CD-2 so that the BPM of track B match those of track A.
 - When the two BPM rates match, the BPM synchronization is complete.
9. Press the CUE button on player CD-2.
 - Player CD-2 will enter standby mode at the cueing point.
10. As soon as track A is heard from the speakers, press the PLAY/PAUSE button (▶/||) on player CD-2.
 - Track B begins playing.
11. While checking the sound on the headphones, gradually move the DJ Mixer's CROSS FADER slider from left to right.
 - The sound of track A from the speakers will steadily become mixed with the sound of track B.
 - When the DJ Mixer's CROSS FADER slider has moved all the way to the right side, the sound heard from the speaker will have changed from track A to track B, and the operation is complete.

■ Long Mix Play

If the BPM rates match, mixing of tracks A and B will sound good even if the CROSS FADER slider is in the middle position.

■ Fader Start Play

Using the cross fader start function of the DJ Mixer DJM-500 or DJM-300, step 10 above can be eliminated for even simpler mixing. In addition, when the CROSS FADER slider is returned to its original position, the status returns to that in step 9 (player CD-2 at its cue point), so that you can repeat the same play as many times as you like.

TROUBLESHOOTING

Incorrect operations can be mistaken as malfunctions. If you believe the unit is not operating correctly, consult the chart below. Sometimes incorrect operation may be due to a malfunction in another component. If the problem is not fixed, check the other components used with the player. If the problem still persists, contact your nearest Pioneer authorized service center or dealer for service.

Symptom	Cause	Remedy
Door does not open when OPEN button is pressed.	<ul style="list-style-type: none"> Power plug is disconnected from outlet. 	<ul style="list-style-type: none"> Connect plug to wall outlet.
Playback immediately stops when started. During playback, the player pauses or stops.	<ul style="list-style-type: none"> Disc is loaded upside down. Smudges on the disc, etc. 	<ul style="list-style-type: none"> Load the disc correctly with the label side UP. Clean the smudges from the disc and then play it again.
No sound is audible.	<ul style="list-style-type: none"> Output cables are connected incorrectly or are loose. Incorrect operation of audio mixer. Pin plugs and/or amplifier terminals are dirty. Player is in pause mode. 	<ul style="list-style-type: none"> Recheck connections. Refer to installation instructions. Check the settings of the audio mixer switches and sound volume controls. Clean away dirt. Press the PLAY/PAUSE button.
Sound is distorted, noise is output.	<ul style="list-style-type: none"> Incorrect connections. Pin plugs and/or amplifier terminals are dirty. Interference is being picked up from a TV set. 	<ul style="list-style-type: none"> Connect to audio mixer's LINE INPUT terminals. (Do not connect to MIC terminals.) Clean away dirt. Switch OFF TV set, move player away from TV set or plug the player into a separate outlet.
With certain discs, loud noise is produced or play stops.	<ul style="list-style-type: none"> Disc has a bad scratch or warp. Disc is extremely dirty. 	<ul style="list-style-type: none"> Replace disc. Clean disc.
When the auto cue function is set ON, track search is not finished.	<ul style="list-style-type: none"> If the sound muted portion between selections is long, searching time will be long. If the sound muted portion is recorded for about 20 seconds or more, playback will start without the auto cue function. 	<ul style="list-style-type: none"> Press TIME MODE/AUTO CUE button for more than 1 second to set the auto cue function OFF.
Back cue function cannot be carried out even though the CUE button is pressed in playback mode.	<ul style="list-style-type: none"> The cue point is not set yet. 	<ul style="list-style-type: none"> Set the cue point. (See page 10.)
Loop playback cannot be carried out even though the LOOP OUT/EXIT button is pressed.	<ul style="list-style-type: none"> The cue point (loop in point) is not set yet. 	<ul style="list-style-type: none"> Set the cue point. (See page 10)
The picture of the TV screen is fluctuated or FM broadcast is interfered with noise.	<ul style="list-style-type: none"> Interference is being picked up from the CD player. 	<ul style="list-style-type: none"> Turn off POWER of the player, or move the player away from the TV or tuner.
The disc is not rotating when power is ON.	<ul style="list-style-type: none"> The disc rotation stops automatically if no operation has been performed for 80 minutes or more in pause mode. 	<ul style="list-style-type: none"> Playback can be started by pressing the PLAY/PAUSE button. If the OPEN button is pressed, the door will open.

- Abnormal functioning of this unit may be caused by static electricity, or other external interference. To restore normal operation, unplug the AC power cord and then plug it in again after the disc completely stops.
- This unit cannot playback non-finalized CD-R discs (partial discs).

OTHERS: TROUBLE SHOOTING/SPECIFICATIONS

Error display

When the player detects an error during operation, it will immediately stop and display an error code in the display window. Check the error code with those listed in the table below to determine the cause of error. Contact your nearest Pioneer authorized service center if the cause of the error is unknown, too difficult to fix or if the same error code continues to display after the remedy has been tried. Refer to the error code when speaking to the Pioneer service representative.

Displayed error code number	Type of error	Error contents	Possible Cause → Remedy
E-72 01	TOC READ ERROR	TOC data cannot be read after 20 seconds	Disc has scratch → Replace disc Disc is dirty → Clean disc
E-72 02	FG PULSE ERROR	Disc is rotating, but rotation cannot be ascertained.	
E-83 01	PLAYER ERROR	Disc loaded cannot be played properly (GFS NG:2sx3).	
E-83 02	PLAYER ERROR	Disc loaded cannot be played properly (FOCUS NG:0.1sx3)	Foreign object is in the disc compartment. → Remove it.
E-91 01	MECHANICAL TIME OUT	Mechanical operation did not end in allotted time (CLAMP:4s)	
E-91 02	MECHANICAL TIME OUT	Mechanical operation did not end in allotted time (OPEN: 4s)	
E-91 03	MECHANICAL TIME OUT	Mechanical operation did not end in allotted time (INSIDE: 5s)	

Should this product require service in the U.S.A. and you wish to locate the nearest Pioneer Authorized Independent Service Company, or if you wish to purchase replacement parts, operating instructions, service manuals, or accessories, please call the number shown below.

1- 800 - 872 - 4159

Please do not ship your product to Pioneer without first calling the Customer Service Department at the above listed number for assistance.

**PIONEER ELECTRONICS SERVICE, INC.
CUSTOMER SUPPORT DIVISION
P.O. BOX 1760, LONG BEACH,
CA 90801-1760, U.S.A.**

For warranty information please see the Limited Warranty sheet included with your product.

Should this product require service in Canada, please contact a Pioneer authorized dealer in Canada to locate the nearest Pioneer Authorized Service Company. Alternatively, please contact or ship your defective product freight prepaid to one of the following Factory Service locations closest to you:

Pioneer Electronics of Canada, Inc.

**Factory Service East
300 Allstate Parkway
Markham, ON L3R 0P2
(905) 479-4411**

**Factory Service West
13911 Bridgeport Road
Richmond, BC V6V 1J6
(604) 278-1014**

For warranty information please see the Limited Warranty sheet included with your product.

SPECIFICATIONS

1. General

System Compact disc digital audio system
Power requirements AC 120 V, 60 Hz
Power consumption 19 W
Operating temperature +5°C – +35°C (+41°F – +95°F)
Operating humidity 5% – 85%
(There should be no condensation of moisture.)
Weight 2.6 kg (5 lbs 12 oz)
Dimensions 217 (W) × 227.7 (D) × 98 (H) mm
8-1/2 (W) × 8-15/16 (D) × 3-7/8 (H) in.

2. Audio section

Frequency response 4 Hz – 20 kHz (EIAJ)
Signal-to-noise ratio 106 dB or more (EIAJ)
Dynamic range 96 dB or more (EIAJ)
Channel separation 98 dB or more (EIAJ)
Total harmonic distortion 0.004% or less (EIAJ)
Output level 2.0 V
Channels 2-channel (stereo)

3. Accessories

- Operating instructions 1
- Audio cable 1
- Control cable 1
- Screws for rack mounting 3
- Spacers for rack mounting 3
- Limited warranty 1

NOTE:

Specifications and design are subject to possible modification without notice.

Maintenance:

We recommend regular maintenance to ensure the safe and proper function of this unit. Extended service life can be expected if the unit maintained properly.

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PIONEER ELECTRONIC CORPORATION 4-1, Meguro 1-Chome, Meguro-ku, Tokyo 153-8654, Japan
PIONEER NEW MEDIA TECHNOLOGIES, INC. 2265 East 220th Street, Long Beach, California 90810, U.S.A.
PIONEER ELECTRONICS OF CANADA, INC. 300 Allstate Parkway, Markham, Ontario L3R 0P2, Canada