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About Compact Disc Digital Audio…

To most people, a Compact Disc (CD) looks like a small, silver phonograph record. In fact, there are some important differences between records and CDs.
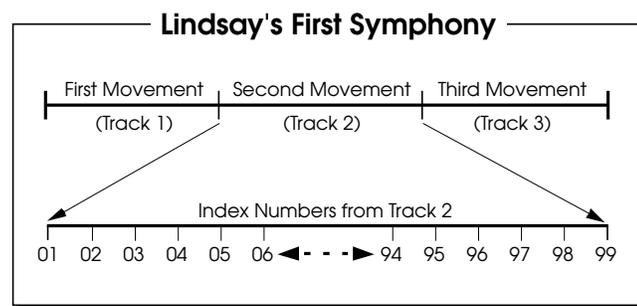
The information on a phonograph record is contained within its grooves. This **analog** information is read by a stylus riding along in the grooves and transmitted via a cartridge. The **digital** information on a CD, though arranged in similar grooves, is read by a laser mechanism (called a **pickup**). A phonograph's stylus must be in contact with the record, but a CD player's pickup never touches the CD. The information on the CD is transmitted via complex decoder circuitry.

The CD rotates counterclockwise, and the laser pickup reads the underside of the CD (the side opposite the label) beginning at the center and travelling toward the outer edge. As the pickup moves away from the center, the speed of rotation gradually decreases from 500 to 200 revolutions per minute.

Direction the disc rotates
Track 3
Track 2
Track 1
Direction the laser pickup travels
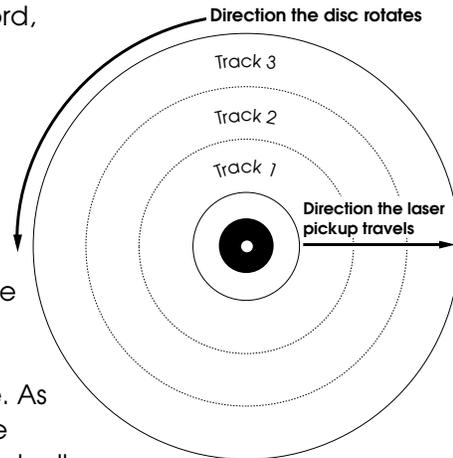
Programs on CDs are organized into **tracks**, usually corresponding to songs or movements. This allows the user to easily and precisely select a part of a program with virtually no wear and tear on the CD. There may be as many as 99 tracks on a CD.

Lindsay's First Symphony

First Movement (Track 1) Second Movement (Track 2) Third Movement (Track 3)
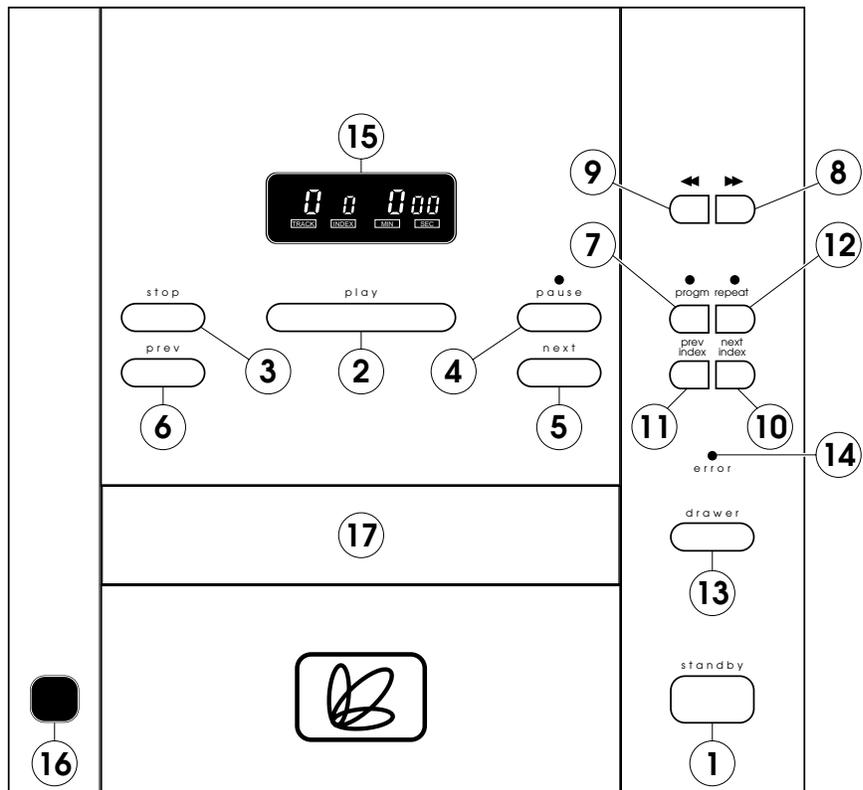
Index Numbers from Track 2

01 02 03 04 05 06 ◄ - - ► 94 95 96 97 98 99

On some CDs, tracks are further broken down into **indexes**. These "tracks within tracks" allow even more precise selection and programming. A single track may have up to 99 indexes.

Front panel

1   standby
When the **master power** switch on the rear panel is in the "**I**" (on) position, pressing this button takes the **PCD 3**/**PDT 3** out of "standby" mode, turns the Display on, and makes the **PCD 3**/**PDT 3** ready to play a CD. Pressing the button again puts the **PCD 3**/**PDT 3** in standby mode and clears any previously programmed sequence of selections. (See "Rear panel" and "Set-up and installation.")

2   play
After a CD is loaded into the drawer, pressing this button begins play with the first track on the CD (or the first track in a programmed sequence).

If you press **play** while the drawer is open, the drawer closes and play starts beginning with the first track on the CD.

Pressing **play** while a CD is playing suspends play, returns to the beginning of the current track, and replays that track.

3   stop
Pressing this button while a CD is playing stops play and clears any previously programmed sequence of selections.

Pressing **play** after pressing **stop** begins play again with the first track on the CD.

4   pause
While a CD is playing, pressing this button suspends play; pressing it again resumes play at the point where **pause** was first pressed.

The LED above the **pause** button lights while play is suspended.

5   next
Pressing this button while a CD is playing suspends play, "skips" to the next track on the CD (or the next track in a programmed sequence), and begins playing that track.

Pressing **next** before play begins skips to the beginning of the next track; pressing **play** begins playing that track.

6   prev
Like the **next** button, pressing **prev** while a CD is playing suspends play, "skips" to the previous track on the CD (or the previous track in a programmed sequence), and begins playing that track.

Pressing **prev** before play begins skips to the beginning of the previous track; pressing **play** begins playing that track.

7   progm
Pressing this button after making a selection (using **next**, **prev**, **next index**, **prev index**, or the numbered buttons on the Remote Control) enters it as part of a programmed sequence. (See "Programming.")

The LED above the **progm** button will flash while you assemble a program. This LED will remain lighted after an entry is made and while a sequence is playing.

8   >>
Holding this button down during play moves the laser pickup toward the end of the CD.

During search, the pickup moves at three different speeds, increasing in speed the longer you hold down the **>>** button. At the first two search speeds, the volume is reduced; at the fastest search speed, the volume is muted completely.

When you release **>>**, play resumes.

9   <<
This button works in the same way as **>>**, except that it moves the laser pickup toward the beginning of the CD.

10   next index
If the CD in play has indexes, pressing this button skips the laser pickup to the next index on the CD, and the index number on the Display will increase. (See "Display.")

11   prev index
This button works in the same way as **next index**, except that it moves the laser pickup toward the beginning of the CD.

12 repeat
Pressing this button before or during play causes all tracks on the CD (or all selections in a programmed sequence) to repeat indefinitely. To cancel this function, press **repeat** again.

The LED above the **repeat** button lights while the **repeat** function is active.

13 drawer
Pressing this button opens the drawer; pressing it again closes the drawer.

Pressing **drawer** while a CD is playing stops play, clears any previously programmed sequence of selections, and opens the drawer.

PRECAUTION

NEVER hold onto the drawer while it's in motion (either opening or closing). If you accidentally prevent the drawer from opening, wait about three seconds, then press **drawer** twice to open it. If you accidentally prevent the drawer from closing, it will open again after about three seconds. Press **drawer** again to close it.

14 error
This LED will light when a function is entered incorrectly.

15 Display
This window displays information about track, index, and elapsed time. (See "Display.")

16 Remote sensor window
This window receives the infrared signals from the Remote Control, allowing remote operation. Make sure that this window is not blocked. (See "Remote Control.")

17 Drawer
The drawer contains the tray that holds the CD during play. Its operation is controlled by the **drawer** button.

Display
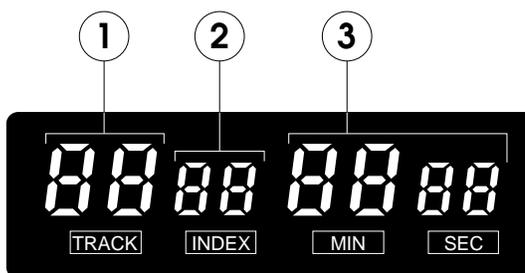
1 TRACK

Before play begins, this part of the Display shows the total number of tracks on the CD.

During play, this part of the Display shows the number of the track in play.

While play is suspended using **pause**, it shows the track that was playing when play was suspended.

2 INDEX

Before play, this part of the Display is blank.

If the CD in play has indexes, this part of the Display shows the index on the CD beginning with "**01**" and increasing as the CD plays.

If the CD in play has no indexes, this part of the Display shows "**01**" throughout play.
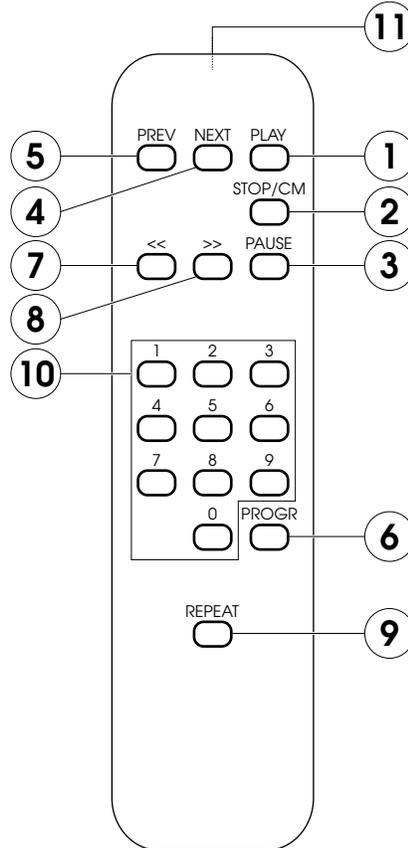
3 MIN   SEC

Before play, this part of the Display shows the total time for all tracks on the CD.

During play, this part of the Display shows the elapsed time for the track in play.

After you enter a selection into the memory (as part of a program), the **MIN** part of the Display shows "**P**." (See "Programming.")

Remote Control

1 **PLAY**	**6** **PROGR**
2 **STOP/CM** (STOP)	**7** **<<**
3 **PAUSE**	**8** **>>**
4 **NEXT**	**9** **REPEAT**
5 **PREV**	

Each of these buttons (1 – 9) performs the same function as its counterpart on the front panel. (See "Front panel.")

10   **Numbered buttons**

These buttons may be used to select tracks when programming a sequence of tracks.

The numbered buttons may also be used to select a particular track (instead of using the **NEXT** or **PREV** buttons). Pressing a track number before play, the pressing **PLAY**, begins play with that track and continues playing tracks on the CD in order.

Pressing a track number during play, then pressing **PLAY**, skips to that track and begins play, then continues playing tracks on the CD in order.

11   **Projection lens**

Infrared (IR) commands from the Remote Control to the **PCD 3**/**PDT 3** are transmitted through this lens.

Rear panel, PCD 3
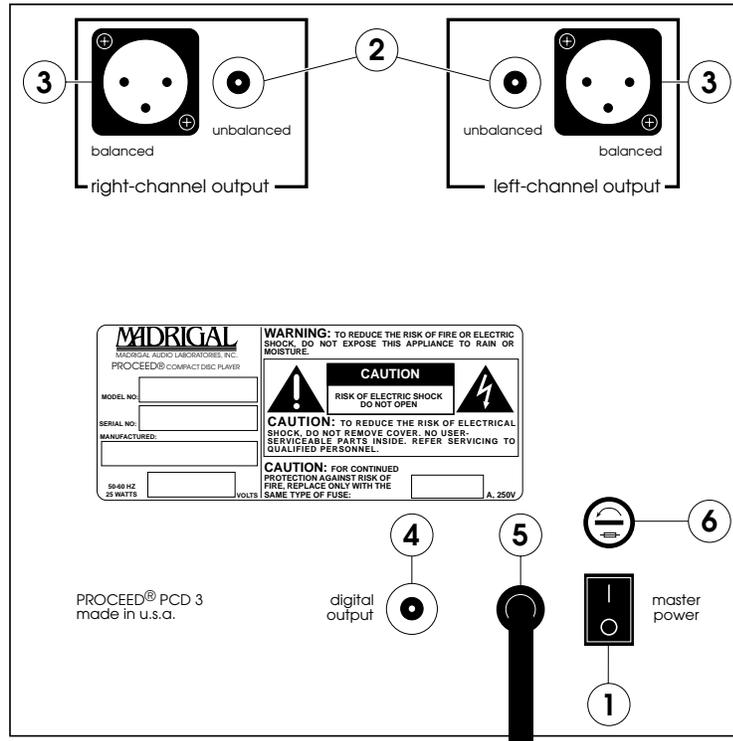
1   master power
This switch turns the **PCD 3** on and off. The switch must be in the "**I**" (on) position for the **PCD 3** to operate. (See "Set-up and installation.")

PRECAUTION

NEVER operate the **master power** switch without first making sure that power is turned off to your receiver, integrated amplifier, or preamplifier/power amplifier.

2   unbalanced outputs
These outputs provide single-ended analog audio (via cables equipped with RCA-type connectors) to a receiver, integrated amplifier, or preamplifier equipped with single-ended inputs. Most components accept this type of output. (See "Set-up and installation.")

3   balanced outputs
These outputs provide balanced analog audio (via cables equipped with XLR-type connectors) to a preamplifier, integrated amplifier, or receiver equipped with balanced inputs. (See "Set-up and installation.")

4   RCA (SPDIF) digital output
This output provides digital audio (via a cable equipped with RCA-type connectors) to the digital input of a receiver, integrated amplifier, preamplifier, or digital processor. (See "Set-up and installation.")

5 AC power cord
This cord supplies AC power to the **PCD 3**. (See "Set-up and installation.")

6 Fuse
This holder contains the main fuse for the **PCD 3**. If the fuse ever needs to be replaced, contact your **Proceed** dealer.

Rear panel, PDT 3

1   master power
This switch turns the **PDT 3** on and off. The switch must be in the "**I**" (on) position for the **PDT 3** to function. (See "Set-up and installation.")

PRECAUTION   **NEVER** operate the **master power** switch without first making sure that power is turned off to your receiver, integrated amplifier, or preamplifier/power amplifier.

2   spdif (RCA) digital output
This output provides digital audio (via a cable equipped with RCA-type connectors) to the digital input of a receiver, integrated amplifier, preamplifier, or digital processor. (See "Set-up and installation.")

3   aes/ebu (XLR) digital output
This output provides digital audio (via a cable equipped with XLR-type connectors) to the digital input of a receiver, integrated amplifier, preamplifier, or digital processor. (See "Set-up and installation.")
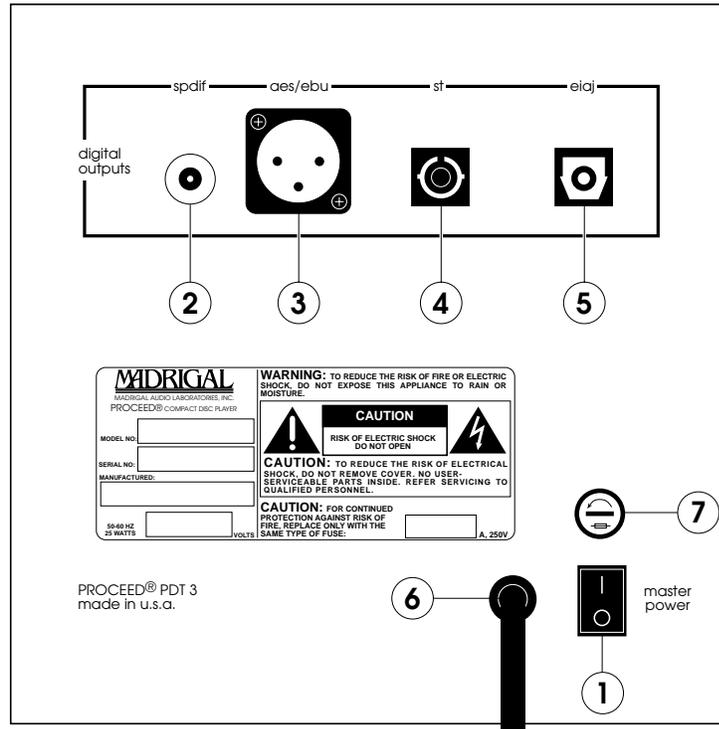
4   st (AT&T) digital output
This output provides digital audio (via an optical cable equipped with ST-type connectors) to the optical digital input of a receiver, integrated amplifier, preamplifier, or digital processor. (See "Set-up and installation.")

5   eiaj (TOSLINK) digital output
This output provides digital audio (via an optical cable equipped with TOSLINK-type connectors) to the optical digital input of a receiver, integrated amplifier, preamplifier, or digital processor. (See "Set-up and installation.")

6   AC power cord
This cord supplies AC power to the **PDT 3**. (See "Set-up and installation.")

7   Fuse
This holder contains the main fuse for the **PDT 3**. If the fuse ever needs to be replaced, contact your **Proceed** dealer.

Unpacking

Carefully open the shipping carton and remove the contents. You should have:

- **Proceed PCD 3/PDT 3**
- Four spikes
- Hex key
- Remote control
- Owner's manual

Save the shipping carton and all packing material. Though it may be inconvenient to store, it'll come in handy for shipping if you move, or if the unit needs to be shipped for service.

Locate the serial number (on the back panel), and record it here:

- Serial Number: _____

Keep your sales receipt where you can find it. You'll need to show it for any service during the warranty period. Take a moment now to record some information from the receipt:

- Date of purchase: _____

- **Proceed** dealer: _____

- Dealer's address: _____

  _____

- Dealer's telephone number: _____

Set-up and installation

To set up your **Proceed PCD 3**/**PDT 3**, you'll need:

- A soft cloth or towel (step 2)
- A flat-bladed (standard) screwdriver (step 5)
- A pair of audio cables (step 9), **or**
- A single audio cable (step 10 or 11)
- Three AAA batteries (step 16)

1. Make sure that the unit is unplugged from the AC power supply and disconnected from your receiver, integrated amplifier, or preamplifier.

2. Place the unit upright on a flat, stable surface. Carefully tip it so it rests on its side; protect its finish with a soft cloth.

Installing the spikes (optional)

3. The **PCD 3**/**PDT 3** is shipped so that it rests solidly on two wide "feet," positioned under the front and back of the unit.

   You may want to explore the potential sonic advantages of installing the specially designed "spikes" supplied with the unit. One arrangement is to install the spikes under the corners of the unit:

Four spikes, mounted at the corners
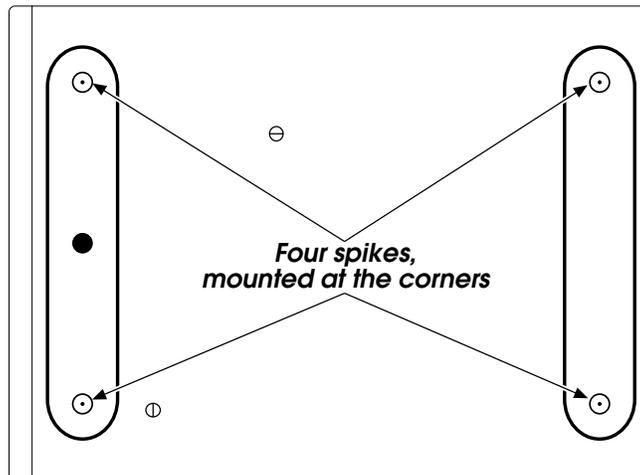
You may choose instead to install the spikes in a triangular arrangement:

Three spikes, mounted in a triangular pattern
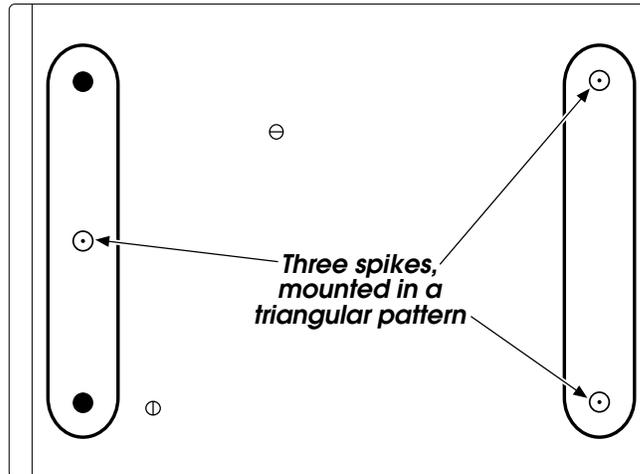
Install the spikes one at a time. Using the supplied hex key, remove the screw securing the foot to the base of the unit. Insert the threaded end of the spike through the hole in the foot, then turn it clockwise until it's hand-tight. (Be careful not to over-tighten it.) Repeat this procedure for each spike you install.

Removing the transport screws

4. Locate the two transport screws on the bottom of the unit.
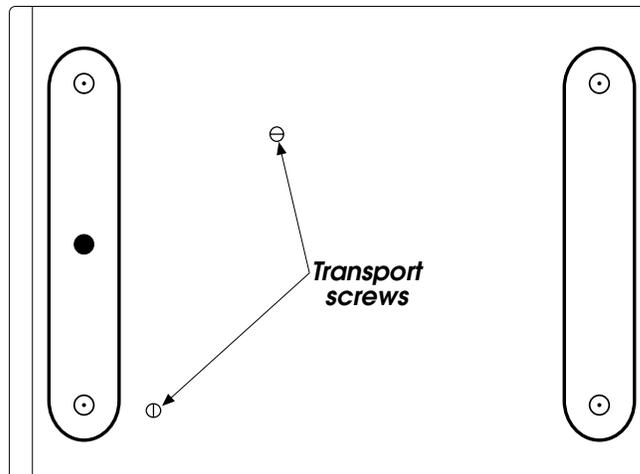
Transport screws

5. Using a flat-bladed screwdriver, remove both transport screws (by turning them counterclockwise).

6. *Save the transport screws with the packing material. If you ever need to ship the unit, you must replace these screws.*

14

7. Turn the unit upright, and place it in the desired location.

   The **Proceed PCD 3**/**PDT 3** should be located on a level, stable surface. Avoid placing it where it will be exposed to shocks or vibration (such as on an unstable table or near large loudspeakers). In general, place it as you would a turntable.

   DON'T place the **Proceed PCD 3**/**PDT 3** on top of another component, since its base could block the other component's ventilation. Interfering with the **PCD 3**/**PDT 3**'s ventilation or that of another component could cause either to overheat, resulting in damage to your system.

8. *Before making any audio connections, make sure that power is turned off to both the* PCD 3/PDT 3 *and your receiver, integrated amplifier, or preamplifier/power amplifier.*

■ The quality of the cables and connectors that you use with your **Proceed Proceed PCD 3**/**PDT 3** can noticeably affect the quality of the sound that you hear from your speakers or headphones. For the best performance, use the highest quality audio cables available. Though there are many such cables to choose from, we confidently recommend **Madrigal HPC** cables (for analog signals) and **Madrigal MDC** (for electrical digital signals). See your **Proceed** dealer for more information.

■ The **Proceed PCD 3** provides balanced analog output by way of standard three-pin XLR-type connectors. This provides the highest quality connection and, therefore, the best sound. Terminated with the proper connector, balanced input on an amplifier or power amplifier minimizes the chance of "coloration" of the sound due to cabling. If you're unfamiliar with balanced interconnection and how it works with your audio system, see your **Proceed** dealer for more information.

For instructions on connecting the **PCD 3**'s balanced or unbalanced analog outputs to your audio system, see step 9.

For instructions on connecting the **PCD 3**'s digital output to your audio system, see step 10.

For instructions on connecting the **PDT 3**'s digital outputs to your audio system, see step 11.

9. Using a pair of high-quality audio cables, connect the left and right outputs of the **PCD 3** to the left and right "CD" inputs of your receiver, integrated amplifier, or preamplifier. Make sure to connect the left output of the **PCD 3** to the left input of the receiver, integrated amplifier, or preamplifier, and likewise for the right channel.

   If your receiver, integrated amplifier, or preamplifier doesn't have inputs specifically labelled "CD," use the input labelled "AUX," or any other *line-level* input not being used by another component. **NEVER** connect the **PCD 3**'s balanced or unbalanced outputs to PHONO inputs.

Audio connections, PCD 3	10. Using a high-quality audio cable, connect the **digital output** of the **PCD 3** to the digital input of your receiver, integrated amplifier, preamplifier, or digital processor. **NEVER** connect the **PCD 3**'s **digital output** to PHONO inputs.
Audio connections, PDT 3	11. Using a high-quality audio cable, connect the **digital output** of the **PDT 3** to the digital input of your receiver, integrated amplifier, preamplifier, or digital processor. **NEVER** connect the **PDT 3**'s **digital output** to PHONO inputs.
Power supply connection	12. Connect the power supply cord of the **PCD 3**/**PDT 3** to an unswitched convenience outlet (like those on the rear panel of many audio components). If you connect the **PCD 3**/**PDT 3** directly to a wall outlet, make sure that the outlet has polarized sockets.
master power switch	13. Set the **master power** switch on the rear panel to the "**I**" (on) position, and allow the **PCD 3**/**PDT 3**'s circuitry to stabilize for several minutes before operating it. **Note:** The **PCD 3**/**PDT 3** won't achieve its sonic potential right away — sonic performance is close to the optimum after 350 hours (or about two weeks of normal use). For the best performance, you may leave it powered at all times, except when you won't be using it for a long period (see "Important Safety Instructions"). The **PCD 3**/**PDT 3** may be turned on and off without affecting its longevity. When it is turned on after being left unpowered, allow about one hour before expecting optimal sonic performance.
	14. After making all connections and turning the **master power** switch on, turn on the other components in your system.
PRECAUTION	**NEVER** operate the **master power** switch without first making sure that power is turned off to your receiver, integrated amplifier, or preamplifier/power amplifier.
Installing batteries in the Remote Control	15. Remove the cover of the Remote Control's battery compartment by sliding it in the direction of the arrow.
	16. Insert three AAA batteries according to the **+** and **–** symbols on the bottom of the battery compartment. Replace the battery compartment cover.

Basic operation

In this section, you'll learn how to:

- Load a CD;
- Play all tracks on a CD;
- Begin play with a track other than the first track;
- Replay a track;
- Skip to another track;
- Find a particular passage on the CD;
- Begin play in the middle of a track;
- Suspend play using **pause**;
- Repeat an entire CD; and
- Stop play.

Loading a CD

To load a CD for play:

1. Turn the power on by pressing **standby**. The Display will light and show " **0** o **0** oo."

2. Press **drawer** to open the drawer.

PRECAUTION

NEVER hold onto the drawer while it's in motion (either opening or closing). If you accidentally prevent the drawer from opening, wait about three seconds, then press **drawer** twice to open it.

3. Load a CD into the drawer, label side up. Handle the CD by the outer edges only; if necessary, support it with your index finger at the center hole.

4. Close the drawer by pressing **drawer** again.

    Note: If you accidentally prevent the drawer from closing, it will open again after about three seconds. Press **drawer** again to close it.

    In a few seconds, the Display will show the total number of tracks and their total playing time. The CD is now ready for play.

Playing all tracks on a CD

To play all tracks on a CD, press **play**. All tracks will play in order. Play will stop automatically at the end of the CD.

Beginning play with a track other than the first track

To begin play with a track other than the first track:

1. Before pressing **play**, press **next** until the number of the desired track shows on the Display. If you pass the track you want to play, you can "back up" by pressing **prev**.

    You may also select the track using the numbered buttons on the Remote Control.

2. Press **play** to begin playing that track (followed by the remaining tracks on the CD).

Replaying a track

To return to the beginning of a track while it is playing, press **play**. Play will be suspended briefly, then that track will replay followed by the remaining tracks on the CD.

Skipping to another track

You may skip to another track any time while a CD is playing. To move to another track, press **next** (to go forward) or **prev** (to go backward) until the number of the track you want to play shows on the Display. (You may also select the track using the numbered buttons on the Remote Control.) Play will resume as soon as the pickup reaches that track.

Searching for a passage on the CD

You may search for a particular passage on the CD using **>>** and **<<**. Scan the CD until the laser pickup reaches the passage you want to hear. (If a CD has indexes, you may also press **next index** and use the index numbers on the Display as a guide.) Remember that the search speed increases the longer you hold down **>>** or **<<**. As soon as you release the button, play resumes.

If you scan past the beginning or end of a track, the laser pickup will move on to the previous (or next) track (unless a programmed sequence is playing — see "Programming").

If you try to scan forward past the end of the CD, the laser pickup will stop five seconds before the end of the last track and the **error** LED will flash. When you release **>>**, play will continue with the last track.

If you try to scan backward past the beginning of the CD, the laser pickup will stop at the beginning of the first track and the **error** LED will flash. When you release **<<**, the CD will play beginning with the first track.

Beginning play in the middle of a track

If a CD has indexes, you may begin play in the middle of a track:

1. Using **next** and **prev** (or using the numbered buttons on the Remote Control), select a track number.

2. Press **next index** to move forward to the point in the track where you want to begin play. Hold the button down to go forward quickly; press and release it to go forward slowly.

3. Press **play** to begin play at the index you selected.

The "pause" function	To suspend play while a CD is playing, press **pause**. The LED above the **pause** button will light while play is suspended. To resume play, press **pause** again.

To hold play at the beginning of a CD or track (for faster cueing), press **pause** before pressing **play**. The LED above the **pause** button will light while play is suspended. To begin play, press **pause** again. (You may also select another track or index while play is suspended.) |
| **Repeating all tracks on the CD** | To repeat all tracks on a CD, press **repeat** before play or while a CD is playing. The LED above the **repeat** button will light while this function is active. The CD will continue to repeat until you press **repeat** again or press **stop**. |
| **Stopping play** | To stop play before the end of the CD, press **stop**. The Display will show the total number of tracks and their total playing time. You may also stop play by pressing **drawer**. In this case, play will stop and the drawer will open. |

Programming

In "Basic operation," you learned how to play tracks as ordered on the CD. In this section, you'll learn how to:

- Enter and play a program of up to twenty tracks or indexes, in any order;
- Play a program;
- Replay a selection;
- Skip to another selection in a program;
- Find a particular passage in the program;
- Suspend play using the "pause" function;
- Repeat an entire program;
- Stop play; and
- Erase the memory.

Rather than playing an entire CD, you may choose to play only certain selections. To do this, you'll need to create a "program" and store it in the **PCD 3**/**PDT 3**'s memory. The memory will accept up to twenty entries.

Entering a program is possible only before play begins.

Entering a program

To enter a program:

1. Load a CD into the drawer, and wait for the Display to show the total number of tracks and their total playing time. (See "Basic operation.")

2. Select the first track or index in your program using the **next**, **prev**, **next index**, and **prev index**, or the numbered buttons on the Remote Control. (See "Basic operation.") The LED above the **progm** button will flash while you're making your selection.

3. Enter your selection into memory by pressing **progm.** The LED above the **progm** button will light and the Display will show "**P**."

   Note: You must press **progm** within five seconds after making a selection, or the selection won't be entered into the memory.

4. Select and enter the rest of the program (up to twenty selections) by repeating steps 2 and 3, making sure to press **progm** after each selection.

5. To begin playing the program, press **play**. The LED above the **progm** button will light and the "**P**" will disappear from the Display.

Replaying a selection in the program

To return to the beginning of a selection while it is playing, press **play**. Play will be suspended briefly, then that selection will replay followed by the rest of the selections in the program.

Skipping to another selection in the program	**next** and **prev** function in the normal way, except that they move forward and backward among the selections in the program. Tracks that aren't included in the program are skipped.
	If you use the numbered buttons on the Remote Control to select a track that isn't part of the current program, the **error** LED will flash.
Searching for a passage in the program	You may search for a particular passage in the program using the **>>** and **<<** buttons. Scan the program until the laser pickup reaches the passage you want to hear. Remember that the search speed increases the longer you hold down **>>** or **<<**. As soon as you release the button, play resumes.
	If you try to scan forward past the end of a selection, the laser pickup will stop five seconds before the end of the track, the **error** LED will flash. When you release the **>>** button, the program will continue.
	If you scan past the beginning of a selection, the laser pickup will stop at the beginning of the track and the **error** LED will flash. When you release **<<**, the program will continue.
The "pause" function	To suspend play while a program is playing, press **pause**. The LED above the **pause** button will flash while play is suspended. To resume play, press **pause** again.
	To hold play at the beginning of a program (for faster cueing), press **pause** before pressing **play**. The LED above the **pause** button will flash while play is suspended. To begin play, press **pause** again.
Repeating all tracks in a program	To repeat all selections in a program, press **repeat** while the program is playing. The LED above the **repeat** button will light while this function is active. The program will continue to repeat until you press **repeat** again or press **stop**.
Stopping play	To stop play before the end of the program, press **stop**. Pressing **stop** erases the program from the memory. (If the program is allowed to finish, it is retained in the memory.)
	You may also stop play by pressing **drawer**. In this case, play will stop, the program is erased from the memory, and the drawer will open.
	To suspend play while a program is playing without erasing the program from the memory, press **pause**.

Care and maintenance

Cleaning the PCD 3/PDT 3

To clean your **PCD 3/PDT 3**, use a soft cloth moistened with plain water. **Don't** apply water, dusting sprays, solvents, abrasives, or cleaning fluids directly to the cabinet.

Make sure that the remote sensor window on the front panel of the unit and the Remote Control's projection lens are kept clean and dust-free.

Caring for the Remote Control

Fluorescent lighting in the listening area may interfere with the operation of the Remote Control. Avoid placing the **PCD 3/PDT 3** near fluorescent lamps.

When the Remote Control's batteries need to be replaced, use only 1.5V AAA batteries; always replace all three batteries at the same time. If you don't plan to use the Remote Control often, remove the batteries. When not used for an extended period, even "leak-proof" batteries can leak corrosive acids that will damage the Remote Control.

Caring for Compact Discs

A CD, handled carefully, will last indefinitely. A warped, dusty, or scratched CD can cause playback problems or may sound noisy.

Handle a CD by the outer edges only; if necessary, support it with your index finger at the center hole. Don't touch the bottom (unprinted) side of the CD, and never apply stickers or labels to either side of the CD.

If a CD becomes dirty, use a silicone-treated cloth (like those made for cleaning camera lenses) or a special CD cleaning kit. **Don't** use solvents, anti-static fluids, or cleaners made for cleaning phonograph records.

When you're finished playing a CD, always return it to its plastic case. Store your CDs where they won't be exposed to direct sunlight, high humidity, or extremely high or low temperatures.

Specifications, PCD 3

- Frequency response: 10 Hz – 20 kHz +0dB, -0.2dB
- Total harmonic distortion (THD): 0.004% @ 1 kHz, 0dB
- Dynamic range: 104dB (or better)
- Signal-to-noise ratio: 107dB
- Channel separation: 120dB
- Intermodulation distortion (SMPTE IMD): 0.008%
- Digital-to-analog conversion: Two precision 20-bit DACs
- Filtering: 8x oversampling digital filter
  Analog filter, linear phase to 40 kHz
- Low-level linearity: Deviation unmeasurable to below -70dB, approximately +1.0dB below -90dB (undithered, ref 0dB @ 1kHz)
- Output impedance: <1 Ω
- Mains voltage: 120 V U.S. service
- Mains frequency: 50/60 Hz
- Power consumption: 25W @ 120V, 60 Hz

- Shipping weight: 27 lbs/12.24 kg
- Overall dimensions
  - Width: 8.4 in/214 mm
  - Height: 8.9 in/227 mm
  - Depth: 13.25 in/337 mm

Madrigal Audio Laboratories, Inc., reserves the right to change this product's features and specifications without notice.

Pin assignments, male XLR balanced analog output
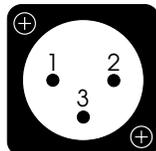
Pin 1: Chassis ground
Pin 2: Signal **+** (non-inverted)
**Pin 3:** Signal **–** (inverted)

Specifications, PDT 3

- Direct digital output, RCA: SPDIF standard format
- Direct digital output, XLR: AES/EBU standard format
- Direct digital output, ST: AT&T standard format
- Direct digital output, TOSLINK: EIAJ standard format
- Mains voltage: 120 V U.S. service
- Mains frequency: 50/60 Hz
- Power consumption: 21W @ 120V, 60 Hz

- Shipping weight: 25 lbs/11.34 kg
- Overall dimensions
  - Width: 8.4 in/214 mm
  - Height: 8.9 in/227 mm
  - Depth: 13.25 in/337 mm

Madrigal Audio Laboratories, Inc., reserves the right to change this product's features and specifications without notice.

Pin assignments, male XLR digital output
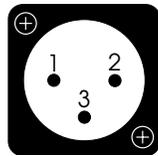
Pin 1: Digital ground
Pin 2: DAS (Digital Audio Standard) output **+**
Pin 3: DAS output **–**

Troubleshooting

In general, refer any service problems to your **Proceed** dealer. Before contacting your dealer, however, check to see if the problem is listed here. If it is, try the suggested solutions. If none of these solves the problem, contact your **Proceed** dealer.

1. **The** PCD 3/PDT 3 **won't function, and the display is dark.**

    ■ The **master power** switch on the rear panel isn't turned on.

    NEVER operate the **master power** switch without first making sure that power is turned off to your receiver, integrated amplifier, or preamplifier/power amplifier.

    ■ The **standby** button on the front panel isn't turned on.

    ■ The **PCD 3**/**PDT 3** isn't plugged into the power supply (either a wall socket or a convenience outlet on your receiver, integrated amplifier, or preamplifier).

    ■ The wall socket, adapter, extension cord, or convenience outlet is faulty. Check all connections.

    ■ There's a tripped circuit breaker or blown fuse in the wall outlet's circuit.

    ■ The **PCD 3**/**PDT 3**'s fuse is blown (contact your **Proceed** dealer).

2. **The** PCD 3/PDT 3 **won't play a CD inserted in the player.**

    ■ The CD is inserted upside down.

    ■ A track number has been programmed that doesn't exist on the CD.

    ■ There may be condensation (moisture) on the laser pickup. This can happen if the **PCD 3**/**PDT 3** is moved from a cold environment to a warm one. Turn on the unit, and leave it on for an hour before playing a CD.

    ■ The transport screws weren't removed during set-up.

3. **No sound comes out of the speakers or headphones.**

    ■ The proper source isn't selected on your receiver, integrated amplifier, preamplifier and/or digital processor.

    ■ The audio cables are connected incorrectly.

4. **When a CD is playing, the sound "skips."**

   ■ The CD is scratched or dirty.

   ■ The **PCD 3**/**PDT 3** is located on an unstable surface or is too close to your speakers.

5. **The sound from the speakers or headphones is distorted.**

   ■ The **PCD 3**/**PDT 3** is connected to the wrong inputs of your receiver, integrated amplifier, or preamplifier. Check all connections.

6. **The Remote Control doesn't work.**

   ■ The Remote Control is at the wrong angle relative to the **PCD 3**/**PDT 3**, and the **PCD 3**/**PDT 3** can't receive the signal.

   ■ The sensor window on the front panel of the **PCD 3**/**PDT 3** is dirty or blocked.

   ■ The Remote Control's projection lens is dirty.

   ■ Fluorescent lighting in the listening area is interfering with the operation of the Remote Control.

   ■ The Remote Control's batteries are weak and need to be replaced.

Service

If you have a service problem that you can't solve by following the suggestions in the "Troubleshooting" section, contact your **Proceed** dealer. Your dealer will tell you what to do next.

It's important that your **Proceed** product be serviced only by an authorized **Proceed** service facility. This will ensure that proper repairs are made, and that your **Proceed** warranty stays in effect throughout the warranty period.

MADRIGAL

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