onix

COMPACT DISC PLAYER

user's manual
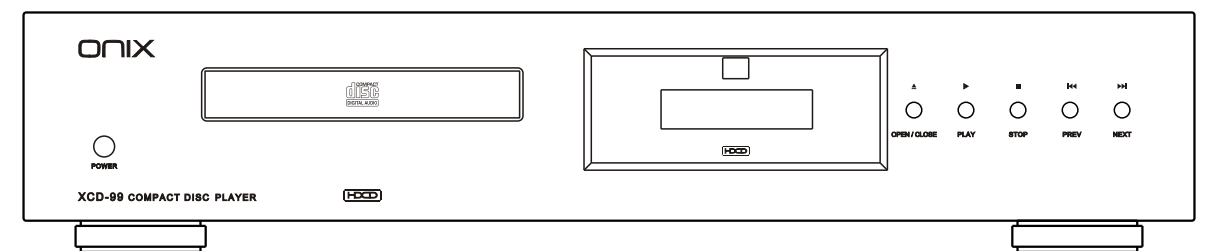
HDCD

COMPACT
disc
DIGITAL AUDIO

onix XCD-99

Congratulations On Your Purchase

You have selected a state-of-the-art CD Player. Each component chosen for assembly in the construction of the XCD-99 CD player was selected to provide you with superior performance and the highest level of sound reproduction available today. We know of no CD player that costs as much to produce that sells for so little. Please take a few moments to read over the operating instructions to ensure that you get the best performance from your unit and years of trouble-free service.

Safety Guidelines

This product is designed and manufactured to meet strict quality and safety standards. However, you should be aware of the following installation and operation precautions:

1. Take heed of warnings and instructions

Read all the instructions before connecting or operating the component.
Keep this manual so you can refer to these safety instructions. Heed all warnings and safety information in these instructions and on the CD player. Follow all operating instructions.

2. Water and Moisture

To reduce the risk of fire or electric shock, do not expose the unit to moisture or water. If the unit is exposed to moisture, immediately disconnect the power cord from the wall. Take the unit to an authorized ONIX service person for inspection and necessary repairs. Do not touch the unit, power cord, or plug with wet hands.

3. Object or liquid entry

Do not allow foreign objects or liquids into the enclosure through any openings. If liquid enters the unit, or a foreign object gets into the enclosure, immediately disconnect the power cord from the wall and take the unit to an authorized ONIX service person for inspection and necessary repairs.

4. Ventilation

You must allow 50 mm or 2 inches of unobstructed clearance around the unit. Do not place the unit on a bed, sofa, rug, or similar surface that could block the ventilation slots. If the component is placed in a bookcase or cabinet, there must be ventilation of the cabinet to allow proper cooling.

5. Heat

Keep the component away from naked flames, radiators, heat registers, stoves, or any other appliance (including amplifiers) that produce heat.

6. Climate

The CD player has been designed for use in moderate climates. Do not attempt to use below 41 degrees Fahrenheit (5 degrees Celsius) or above 95 degrees Fahrenheit (35 degrees Celsius).

7. Rack and Stands

Place the unit on a fixed, level surface strong enough to support its weight. Do not place it on a moveable cart that could tip over. We recommend using only racks or stands approved for use with audio equipment.

8. Cleaning

Unplug the unit from the mains supply before cleaning. The case should normally require only a wipe with a soft lint-free cloth.

9. Power Sources

Only connect the unit to a power supply of the type and voltage described in the operating instructions or specified on the rear panel of the unit.

10. Power-cord protection

Connect the component to the power outlet only with the supplied power supply cord or an exact equivalent. Do not modify the supplied cable in any way. Do not attempt to defeat grounding and/or polarization provisions.
Do not use extension cords.
Do not route the power cord where it will be crushed, pinched, bent at severe angles, exposed to heat, or damaged in any way.

11. Non-use periods

The power cord should be unplugged from the wall outlet if the unit is to be left unused for a long period of time.

12. Abnormal Smell

If abnormal smell or smoke is detected from the unit, turn the power off immediately and unplug the CD player from the wall outlet. Stop using the component immediately and have it inspected and/or serviced by an authorized ONIX service agency.

13. Servicing

There are no user serviceable parts inside. To reduce the risk of electric shock, do not remove the cover. Refer all servicing to an authorized ONIX service agency.

14. Damage Requiring Service

Immediately stop using the component and have it inspected and/or serviced by an authorized ONIX service agency if:

- The power supply cord or plug has been damaged.
- Objects have fallen or liquid has been spilled into the unit.
- The unit has been exposed to rain.
- The unit shows signs of improper operation
- The unit has been dropped or damaged in any way

CAUTION

CLASS 1 LASER PRODUCT
APPAREIL LASER DE CLASSE 1
PRODUCTO LASER CLASE 1

IMPORTANT FOR LASER PRODUCTS
1. CLASS 1 LASER PRODUCT
2. DANGER: Visible laser radiation when open and interlock failed or bypassed.
   Avoid direct exposure to beam.
3. CAUTION: Do not open the top cover. There are no user serviceable parts inside
   the player, leave all servicing to qualified service personnel.

WARNING!

To reduce the risk of electrical shock, fires, etc.:

1. Do not remove screws, covers or cabinet.

2. Do not expose the unit to rain or moisture.

3. Do not touch the power cord or plug with wet hands.

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

WARNING
TO PREVENT FIRE OR SHOCK HAZARD
DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE

Getting Started

Thank you for purchasing the ONIX XCD-99 Stereo Compact Disc Player. It uses a precision Philips CDM-12.10 transport controlled by a CD-7 servo system. A Burr Brown 24bit/96Khz D/A chip is used for digital to analog conversion plus HDCD (High Definition Compatible Digital) decoding of suitably encoded CD's. These features combined ensure that the XCD-99 will deliver the highest level of audio performance. When used in a high-quality audio system, your ONIX CD player will provide years of enjoyment.

A Few Precautions

Please read this manual carefully. In addition to installation and operating instructions, it provides valuable information that will help you get optimum performance from your system. For users live in the USA, please contact our exclusive distributor - AV123.COM for the answers. For the users in the other countries, you may contact your nearby authorized ONIX dealer for any inquiry. In addition, all of us at ONIX welcome your questions and comments. Save the ONIX XCD-99 shipping carton and all enclosed packing material for future use. Shipping or moving the XCD-99 in anything other than the original packing material may result in severe damage that is not covered by the warranty. Be sure to keep the original sales receipt. It is your best record of the date of purchase, which you will need in the event warranty service is required.

Placement

Use common sense when placing the XCD-99. Always place the CD player on a level, firm surface. Make sure that the shelf or cabinet can support its weight. Do not stack heavy components on top of the XCD-99. Avoid placing the unit where it may be subject to excessive heat, such as on top of a large power amplifier or near a heat register. For best performance, avoid placing the unit where it may be subject to vibration, such as near a speaker.

Connecting To Other Equipment
Interconnect Cables
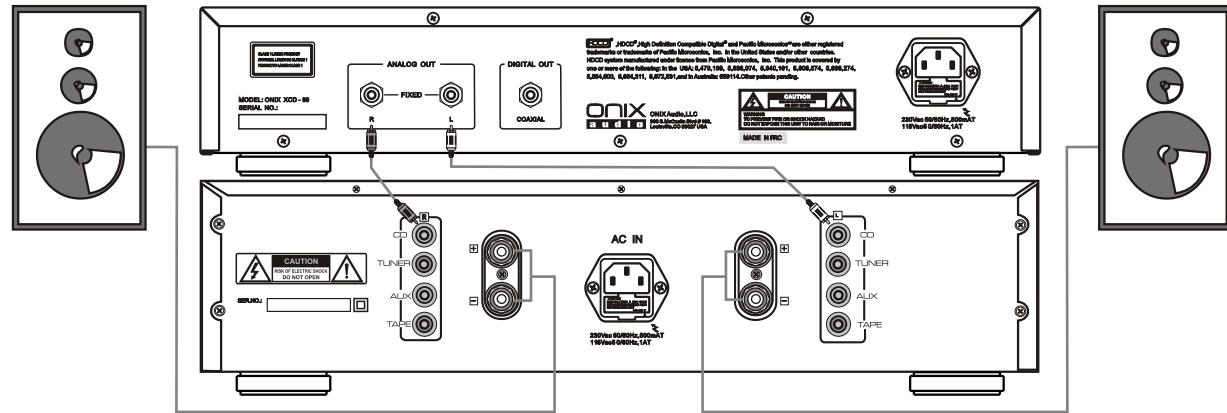
A basic interconnect cable is supplied with the XCD-99. This cable will provide good performance. You may choose to upgrade this cable to one of higher quality. This may or may not improve the sound quality of the XCD-99.

Audio Out

These outputs are located on the back of your XCD-99 and are labeled Fixed Analog Out. Connect these to outputs to your amplifier's CD or any other line-level input using the supplied or a suitable interconnect cable. Match the Red inter connect lead to the R-input and the Black interconnect lead to the L-input. Do the same on your amplifier to ensure proper stereo reproduction.

Coaxial Digital Out

Use this output if you are using a separate digital to analog converter(DAC) or digital recorder. Connect to the DAC or recorder's digital input using a suitable 75 ohm screened cable. Never connect the digital output socket to a conventional audio input.

Connecting To The Mains
Plugging In

Check that the Power button on the front of the unit is in the Off position. Push the plug(IEC line socket) of the power cable supplied with the XCD-99 into the socket (AC IN) on the back of the unit. Make sure it is pressed in firmly. Put the plug on the other end of the cable into your wall outlet or power supply socket.

Using Your CD Player
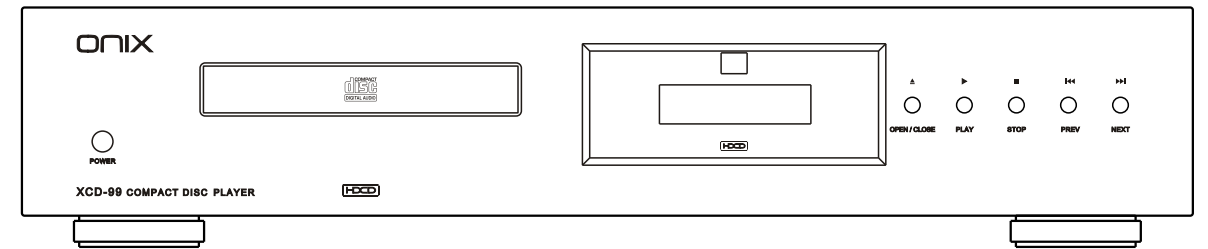
Power

Press this button to turn the CD Player on and off. When first connecting the unit, make sure this button is in the off position.

Open/Close

To install a CD, press the Open/Close button. The CD tray will open and the display will show, Open. Place a CD in the tray, label facing up. Press the Open/Close button again. The CD tray will close and the display will show, Close. In a few seconds, the CD Player will read the disc and the display will show the total number of tracks and total playing time. The disc is now ready to play.

Play/Pause

Press to play the CD. Make sure your amplifier is set to the correct input. The display window will show the track playing(number one) and the elapsed time of the track being played.

To **Pause**(interrupt play) press the play button once while the disc is playing. The display will show, Pause. To resume play from the same point, press the play button again. Note: It is not good to leave CD players in pause mode for an extended period of time as it decreases laser life.

Stop

Press Stop to stop the CD playing. The display window will show the total number of tracks on the disc and the total playing time.

Skip(Double Arrow Left and Double Arrow Right Keys)

To start a CD with a track other than the first, or to advance forward or backward to different tracks on the disc, press the double arrow button in the direction of the track you wish to hear. Pressing the button multiple times will advance through previous or following tracks. There is no need to hit the play button. Once the desired track is located(shown in the display window), remove your finger. The player will automatically begin playing your selected track.

HDCD$^®$

HDCD$^®$ is an encoding technique that allows a CD to have greater effective dynamic range, reduced distortion, and increased detail. HDCD discs are identified by an HDCD logo on the package. No user action is required to play an HDCD recording. The XCD-99 player automatically senses HDCD encoding and enables the circuitry. The blue HDCD LED on the front panel will light to indicate that you are playing an HDCD.

Using The Remote Control

Note: Install the two AA batteries supplied before trying to use your remote control. Do not place anything in front of the display area on the CD player, or the remote control may not work.

Open/Close

Press this button to open and close the CD drawer.

Buttons numbered 1-0

These buttons allow direct access to individual tracks on the disc. To select a track, press the corresponding keypad button. The player will move to the selected track and begin playing. There is no need to hit the play button. For tracks greater than 9, enter the digits in sequence. For example, to play track 13, press 1, then 3. The display will show 13 and the CD will begin playing in a few seconds.

Prog(Program)

This button, labeled PROG, allows you to program as many as 16 tracks on the current disc for playback in a specific order. For example, you could program the XCD-99 to play track 5, followed by track 3, followed by track 13. To begin a program:

1. Insert a disc and press the OPEN/CLOSE button to close the drawer. The XCD-99 will read the contents of the disc.

2. Press the PROG button on the remote control. The display will show, P:00 00, indicating that the unit is waiting for the first track to be programmed.
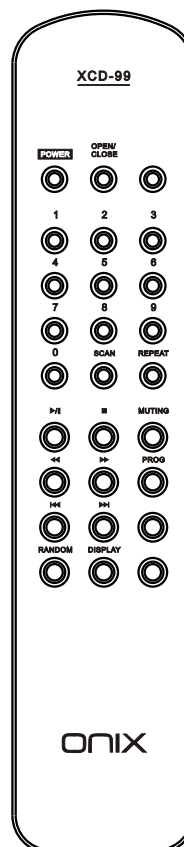
3. Enter the first track number using the keypad buttons numbered 1-0. Your selection will in a few seconds be memorized automatically and the display will change to, P:01 05, indicating that one track(track 5) has been memorized. Continue entering the rest of your selections using the numbered keypad buttons only. Note: there is no need to press the PROG(Program) button again as each selection is memorized as it is entered. If you make a mistake whilst programming, you can delete the last track entered by pressing the Clear button (see below).

Once you have programmed your play list, simply press the Play button. The XCD-99 will begin playing your selected tracks. The XCD-99 will remain in PROGRAM mode until you open the disc drawer or press the Play button then Stop button twice.
Whilst playing a programmed play list, most functions that would normally effect the entire disc operate on just the memorized program. For example, the Skip button (double-arrow previous and next buttons), advance to the next or previous track in the memorized program.

Repeat

This button allows you to repeat the current track or the entire disc continuously. Press the Repeat button once(a "T" appears on the display) and the current track will repeat. Press the Repeat button once more(an "A" appears on the display) and entire disc will repeat. Press the Repeat button again and the repeat function stops. Pressing the Open/Close button also stops the repeat function.

Personal selection repeat

If you wish to hear a certain section of the disk which is not a discrete track, assuming the section you wish to hear starts at point A and ends at point B, enter commands as follows: At the desired starting point, press the REPEAT key on the remote control three times consecutively. The unit will remember this point as the starting point (point A) and the screen will display A-. When the recording has reached the desired end point, press the REPEAT key on the remote controller again. The unit will remember this point as the finishing point(point B) and the screen will display A-B. The desired section will replay until the [REPEAT] key on the remote control is pressed again.
Note: This function is not available when the player is stopped.

Random

This instructs the CD player to play tracks from the entire disc in random order. Once all of the tracks have been played, the disc will stop playing.

Scan

This feature automatically plays the first ten seconds of each track on the disc. To stop scanning and resume normal operation, at the current track, press the SCAN button again. To stop scanning, press Stop.

◄◄ (Double-arrow left)

Skips to previous track. Pressing it successively continues this function. Note: There is no need to hit the play button. Once the desired track is located(shown in the display window), remove your finger. The player will automatically begin playing your selected track.

►► (Double-arrow right)

Skips to the next track. Pressing it successively continues this function. Note: There is no need to hit the play button. Once the desired track is located(shown in the display window), remove your finger. The player will automatically begin playing your selected track.

■ (Stop)

Stops the disc from playing.

►/II (Play/Pause)

Allows you to start or pause disc playing. Pressing once, starts the disc playing. Pressing again, pauses play. Pressing one more time, resumes play.

Note: It is not good to leave CD players in pause mode for an extended period of time as it decreases laser life.

I◄◄ (Double-arrow left)

The fast backward key. Allows you to scan the disc backwards whilst it is playing.

►►I (Double-arrow right)

The fast forward key. Allows you to scan the disc forwards whilst it is playing.

Muting

Stops the audio output from the XCD-99.

Display

Dims the display. Three display settings are available. Pressing the Display button repeatedly toggles through the settings. Turning the display down generally improves the sound.

POWER, INPUT and ▲/▼ (Volume)

Provide no function on the XCD-99.

Technical Specifications
Digital to Analog Conversion

24 bit/96Khz Burr Brown plus HDCD

HDCD, High Definition Compatible Digital and Pacific Microsonics are either registered trademarks or trademarks of Pacific Microsonics, Inc. in the United States and/or other countries. HDCD system manufactured under license from Pacific Microsonics, Inc. This product is covered by one or more of the following: In the USA: 5,479,168, 5,638,074, 5,640,161, 5,808,574, 5,838,274, 5,854,600, 5,872,531 and in Australia: 669114. Other patents pending.

Radio Interference

The XCD-99 is a digital audio device that has been designed to very high standards of electromagnetic compatibility.

CD players and DAC's generate and can radiate RF(Radio Frequency) energy. In some cases this can cause interference with FM and AM radio reception. If this is the case, keep the CD player and its connecting cables as far from the tuner and its antenna. Connecting the XCD-99 and the tuner to different mains sockets may also help to reduce interference.

USA - This product complies with FCC requirements.

Physical

Dimensions: W450 x D355 x H97mm

Net Weight: 6.8 KG

Digital Output Connection: 75 ohm co-axial.

Supplied Accessories: Mains Lead, Remote Control, 2 x AAA Batteries Basic Interconnect Cable.

Supplied Accessories