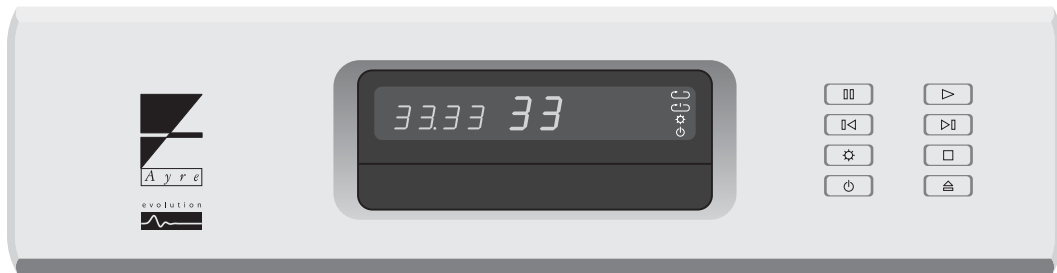


Ayre CX-7e^{MP}

Owner's Manual



Compact Disc Player

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Welcome to

Ayre

Your Ayre CX-7e^{MP} offers a significant advance in the musical performance of high-fidelity equipment. The warmth and immediacy of a live performance are apparent from the first listening. The combination of superb resolution and a natural, relaxed quality will draw you into the music, time and time again.

This degree of performance has been implemented using the highest levels of workmanship and materials. You can be assured that the Ayre CX-7e^{MP} will provide you a lifetime of musical enjoyment.



To our North American customers, please be sure to mail your warranty registration card and photocopy of your original sales receipt within 30 days in order to extend the warranty to five years.

Connections and

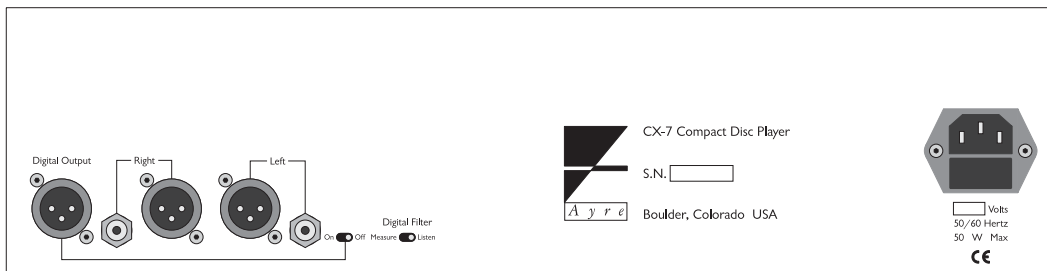
Installation

The Ayre CX-7e^{MP} is easy to connect and use. The following guidelines will ensure that the installation goes smoothly.

Location

The infrared beam of the remote control will also travel through glass.

A good location for your CD player is at an easily accessible height in an open-backed cabinet or on a shelf. The receiver for the infrared remote control is mounted behind the display lens on the front panel. A direct line of sight from the listening position will ensure the maximum range. However, the infrared beam will also reflect off of most wall surfaces with a reduced range.



Analog Outputs

For best sound quality, it is not normally recommended to use both sets of analog outputs simultaneously.

The Ayre CX-7e^{MP} offers both balanced and single-ended outputs. Balanced connections are made via three-pin XLR connectors, while single-ended connections are made via RCA connectors.



When you have a choice, a balanced connection will offer slightly higher sound quality than a single-ended connection.

Digital Filter

The digital filter of the Ayre CX-7e^{MP} features two user-selectable algorithms. A selector switch is located on the rear panel. One algorithm produces greater accuracy in the time domain and is labeled “Listen”. The other algorithm produces greater accuracy in the frequency domain and is labeled “Measure”.



It is recommended that the selector switch be set to the “Listen” position. However some listeners may prefer the additional high-frequency energy provided by the “Measure” position.

Digital Output

The Ayre CX-7e^{MP} features a balanced AES/EBU digital audio output on the rear of the unit. This may be used when connecting to a digital recording unit or other device, such as an external digital-to-analog converter (DAC). A switch on the

rear panel allows the digital audio output to be turned off when its use is not required.



An adapter is available from Ayre should you need to connect the digital output to an S/PDIF input that uses an RCA connector.

AC Power

The CX-7e^{MP} may be plugged directly into an unswitched wall outlet. Although proprietary RFI (radio-frequency interference) filtering is built into the CD player, in some situations an AC power-line filter (such as those offered by Ayre) may provide additional sonic benefits.

Break-In

100 to 500 hours of music played through the system will ensure full break-in.

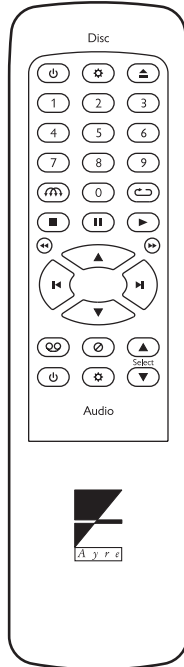
Due to the manufacturing processes used for the printed circuit boards, wires, and capacitors, a break-in period is necessary for the CD player to reach its full performance potential.

Controls and

Operation

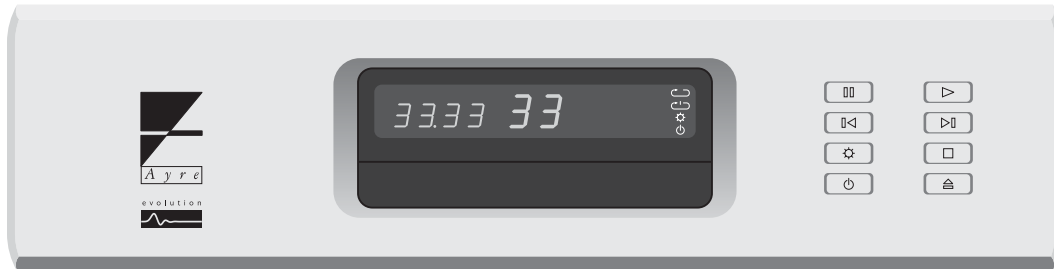
The Ayre CX-7e^{MP} CD player may be controlled using either the front panel buttons or the included remote control handset. Basic functions are available at both locations, while additional functions are available only at the remote control handset.

Remote Control



The supplied remote control handset can operate both the CX-7e^{MP} CD player as well as an Ayre preamplifier or integrated amplifier. The controls to operate the CD player are grouped towards the top of the handset, while those for the preamplifier or integrated amplifier are grouped towards the bottom.

The remote control handset uses 2 x AAA batteries, which must be installed before use. Access to the battery compartment is achieved by sliding the cover on the rear of the unit.



Basic Functions

The following basic functions are accessible via both the front panel buttons and the remote control handset.



Standby/Operate

The “Standby/Operate” button toggles the unit between normal operation and standby mode. When in standby mode a green status LED is illuminated, and the critical internal circuitry remains powered. This ensures optimal sound quality with a minimum of warm-up time.

If a disc is in the player when it is turned on, it will read the disc’s Table of Contents (ToC) and display the total disc time and total number of tracks



Pressing either the “Open/Close” or the “Play” buttons will also bring the unit out of standby mode.



Open/Close

The “Open/Close” button opens and closes the CD drawer.



An open drawer may also be closed with either the “Standby” or “Play” buttons.



Play

If the drawer is open, pressing “Play” will close the drawer.

The “Play” button initiates playback of the disc. The table of contents (ToC) is read, and playback begins at the first track.



If the disc is paused, pressing “Play” will un-pause the disc



Pause

The “Pause” button will temporarily halt the disc. Playback may be resumed either by pressing either the “Pause” button again or the “Play” button.



The track number in the display will flash to show that the pause mode has been engaged.



Stop

The “Stop” button will stop disc playback.



Previous

The “Previous” button will back up to the start of the current track. Additional presses will move to previous tracks.



The “Previous” button on the front panel can activate two separate functions, depending on how long the button is pressed. A quick button press (less than about ½ second) will activate the “Previous” function. A longer button press will activate the “Reverse Scan” function.



Next

The “Next” button will move to the start of the next track. Additional presses will move to subsequent tracks.



The “Next” button on the front panel can activate two separate functions, depending on how long the button is pressed. A quick button press (less than about ½ second) will activate the “Next” function. A longer button press will activate the “Forward Scan” function.



Reverse Scan

The “Reverse Scan” button will scan backward through the music.



The “Previous” button on the front panel can activate two separate functions, depending on how long the button is pressed. A quick button press (less than about ½ second) will activate the “Previous” function. A longer button press will activate the “Reverse Scan” function.



Forward Scan

The “Forward Scan” button will scan forward through the music.



The “Next” button on the front panel can activate two separate functions, depending on how long the button is pressed. A quick button press (less than about ½ second) will activate the “Next” function. A longer button press will activate the “Forward Scan” function.



Display

The display of the Ayre CX-7e^{MP} has a time section on the left, a track section in the center, and a status indicator section on the right. When the disc is stopped, the display will indicate the total disc time and the total number of tracks. When the disc is playing, the display will indicate the elapsed time in the current track and the track number being played.

Normally all three sections are illuminated. Pressing the “Display” button once will change the time section to a “Time Remaining” mode that shows the time remaining in the current track.



The right-most decimal point in the time display will illuminate to indicate that it is currently in the “Time Remaining” mode.

Pressing the “Display” button again will turn off the time section of the display altogether. Pressing the “Display” button a third time will turn off all

sections, except for a blue status LED that indicates the display is off.

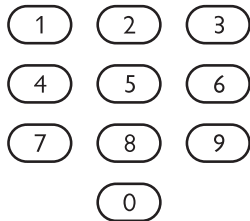


When the display is off, pressing any key will wake up the display for a few seconds. If the disc is playing, pressing “Play” will wake the display momentarily without affecting playback.

Pressing the “Display” button once more will restore normal operation.

Additional Functions

The following functions are available only via the remote control handset.



Number Keys

The number keys allow quick navigation to a desired point on the disc.



To enter a number greater than “9”, simply press the desired number keys in order. For example, to enter “23”, first press “2” and then “3”.

Pressing the number keys for the desired track will begin play of that track, even if the disc is stopped.



Repeat

Pressing the “Repeat” button scrolls through normal mode, “Repeat Disc” mode, and “Repeat Track” mode. The repeat modes are indicated by red LEDs on the right side of the display area.



The “Repeat Disc” mode is indicated by an arrow in the shape of a loop. The “Repeat Track” mode is indicated by the looping arrow combined with the number “1”.

The “Repeat” mode will be cleared when the disc is stopped, the drawer is opened, or the unit is placed in “Standby”.



Random

Pressing the “Random” button will play the tracks on the disc in random order. Play will commence as soon as the “Random” button is pressed.



The “Random” mode is indicated by a decimal point after the track number.

When the “Random” mode is selected, a randomized play list is generated. The “Previous” and “Next” buttons will navigate through this randomized play list in the normal fashion.

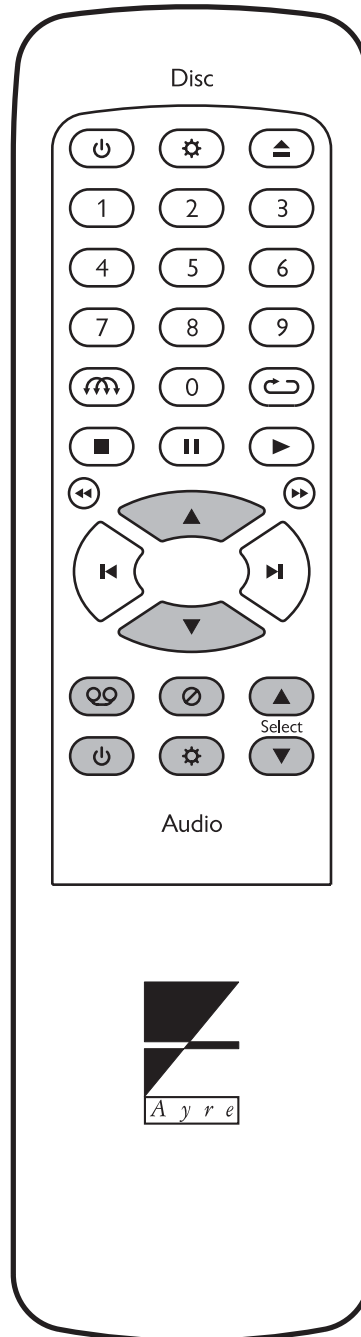
To exit the “Random” mode, press the “Random” button again. Pressing either the “Stop” button or the “Open/Close” button will also exit the “Random” mode.



If the unit is played in both “Repeat Disc” and “Random” modes simultaneously, the same randomized play list will be repeated continuously. Exiting and re-entering the “Random” mode will generate a new randomized play list.

The upper section of the remote control supplied with the Ayre CX-7eMP is used to control the CD player functions.

The lower section of the remote control (shown with greyed-out buttons) may be used to control an Ayre preamplifier or integrated amplifier.



Numbers and

Specifications

<i>Maximum Output Level</i>	4.50 V rms – balanced outputs 2.25 V rms – single-ended outputs
<i>Analog XLR Output Polarity</i>	Pin 1 = Ground Pin 2 = Non-inverting (Positive) Pin 3 = Inverting (Negative)
<i>Frequency Response</i>	DC - 20 kHz
<i>Power Consumption</i>	30 watts
<i>Dimensions</i>	17- ¹ / ₄ " W x 13- ³ / ₄ " D x 4- ³ / ₄ " H 44 cm x 35 cm x 12 cm
<i>Weight</i>	25 pounds 11.5 kg

Statement of

Warranty

North American Warranty

Your Ayre CX-7e^{MP} CD player is warranted against defects in workmanship and materials for a period of ninety days from the date of original purchase. This ninety-day coverage is automatic upon acceptance of delivery and no registration is required.

Additionally you have the option, at no cost, to extend the warranty for a period of five years from the date of purchase (except for the disc transport mechanism, which will be warranted for a period of two years from the date of purchase) by returning the completed Warranty Registration Card and a photocopy of your original purchase receipt in the enclosed postage-paid envelope to Ayre within thirty days of product delivery. This optional warranty is only available within the thirty-day registration period.

North American Warranty Statement

1. If any defects are found in the materials or workmanship of this Ayre product within the warranty period, the unit will be repaired or replaced by Ayre Acoustics, Inc. (Ayre) or its authorized agent.

2. Purchaser must return the product, packed in the original shipping carton, freight prepaid to:

Ayre Acoustics, Inc.
2300-B Central Avenue
Boulder, Colorado 80301

or to Ayre's authorized agent. The product must be accompanied by a written description of the defect and a photocopy of your original purchase receipt. Ayre will not be responsible for any shipping damage and strongly recommends the purchase of shipping insurance.

3. Ayre reserves the right to inspect any product that is the subject of any warranty claim prior to repairing or replacing it. Final determination of warranty coverage lies solely with Ayre.

Out-of-warranty claims will be billed for labor, materials, return freight, and insurance as required. Any product for which a warranty claim is accepted will be returned to the purchaser and the cost of shipping and insurance will be factory prepaid within the boundaries of the USA. Units to be shipped outside of the USA will be shipped freight collect only.

4. Ayre strives to manufacture the finest possible equipment, and therefore reserves the right to make improvements on its products, without necessarily assuming any obligation to retrofit such changes upon its previously manufactured models.

5. The above warranty is the sole warranty given by Ayre, and is in lieu of all other warranties. All implied warranties, including warranties of merchantability or fitness for any particular purpose shall be strictly limited to the duration of the above warranty. Ayre shall have no further obligation of any kind, whether express or implied. Further, Ayre shall in no event be obligated for any incidental or consequential damages as a result of any defect or any warranty claim, whether express or implied.

6. Ayre does not authorize any third party, including any dealer or sales representative, to assume any liability of Ayre or make any warranty for Ayre. The unit must not have been altered or improperly serviced. The serial number on the unit must not have been altered or removed.

7. The remaining period of this warranty is only transferable to subsequent purchasers if the product is resold by an authorized Ayre dealer.

International Warranty

Warranty terms outside of North America may vary. Please contact the authorized Ayre distributor in your country of purchase for the terms of warranty and also the service itself.

A Place for

Notes

Serial Number: _____

Purchase Date: _____

Dealer: _____

Salesperson: _____

Ayre Acoustics, Inc.
2300-B Central Avenue
Boulder, Colorado 80301

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