



Information and Operation Manual

W
A
D
I
A

8
6
0

C
O
M
P
A
C
T

D
I
S
C

P
L
A
Y
E
R

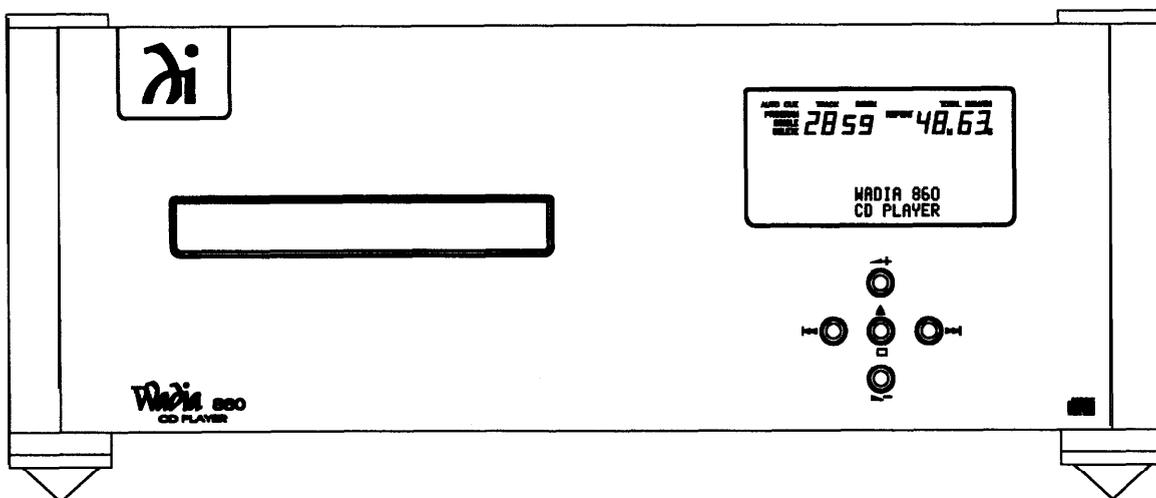


TABLE OF CONTENTS

Preliminaries	Brief History of Wadia.	3
Installation and Set-up of your Wadia 860	Unpacking	4
	Accessories	4
	Unlocking the Transport Mechanism	4
	Installing the Spiked Feet.	4
	Connecting to Your System	5
	Connecting to AC Power	5
	Connect Directly to a Power Amplifier	5
	Using with a Preamplifier.	5
	Optimizing the Output Level	6
	Connecting Digital Sources	6
	Choosing a Digital Cable.	6
	Frequently asked questions.	7
	Should I use Balanced or Unbalanced connection?	
	Why Should I bypass the Preamplifier?	
Does the Wadia Digital Volume Control compromise resolution?		
Can I bypass the Wadia Digital Volume Control?		
What about Analog Sources?		
Should I leave the Wadia 860 with the power on?		
General Operation	Front Panel Controls	8

PRELIMINARIES

All of us at Wadia would like to offer thanks and congratulations to you for purchasing the Wadia 860 Compact Disc Player. We sincerely believe that your Wadia 860 will bring you many years of musical pleasure and satisfaction.

While every new owner is anxious to begin listening, we encourage you to take a few minutes to read this manual and familiarize yourself with the full capabilities of the Wadia 860 Compact Disc Player.



If you are in a big hurry to listen, please read the sections of this manual where the symbol at left is *shown*.

Brief History of Wadia Digital

Wadia Digital Corporation was founded in 1988, making it one of the oldest digital audio companies in existence. Wadia was formed by a group of engineers from Minneapolis-based 3M (Minnesota Mining and Manufacturing) who had compiled many years of experience in advanced digital and telecommunications research and development.

In the early 1980's, this group had become intrigued by the emerging CD technology. Disappointed by the sound of early CD players, they examined the designs and found them to be unsophisticated compared with technology available in other fields of design. In response, they founded Wadia Digital - a company based on the philosophy of applying advanced technology to improve the performance of digital home entertainment equipment.

Wadia's first product, the Wadia 2000 Decoding Computer, was a breakthrough. For many listeners, it proved the viability of Compact Disc as a musically involving format. Ever since, Wadia has continued to develop on the original technology - refining, listening and improving along the way. Wadia's modular designs mean that new technology is available to current owners in the form of cost effective upgrades. Here is a brief list of technological innovations Wadia engineers have pioneered over the past ten years:

- 1988: First outboard DA converter
- 1988: DigiMaster patented algorithm
(filter optimized for reproducing music)
- 1989: First to apply glass fiber optics to home audio
- 1990: First to recognize jitter as a source of audible distortion
- 1992: First to perfect digital volume control
- 1994: First Compact Disc player featuring digital input capability

Now in our tenth year, Wadia continues to re-define the limits of digital music playback. We are proud to introduce the Wadia 860, the most innovative design to date from Wadia; a breakthrough in sonic performance and a strong statement of our years of dedication to the pursuit of musical quality.

INSTALLATION AND SET-UP

Unpacking Use care in unpacking your Wadia 860 Compact Disc Player. inspect it for any shipping damage and call your dealer immediately if any is found.

Q *Do not plug your Wadia 860 Compact Disc Player into an AC outlet if you find shipping damage.*

We advise saving all packing materials so that the unit can be easily and safely shipped if the need arises.

Accessories Provided with the Wadia 860 are the following accessories:

- AC power cord
- Four spiked feet with threaded studs
- Four steel coasters
- RCA/BNC adapter
- Transport Key (for locking/unlocking transport)
- Remote Control
- Three type AAA batteries

Q *Do not tip the unit onto the back panel. This can damage input and/or output connectors.*

Unlocking the Transport Mechanism

Place the Wadia 860 Compact Disc Player on its side on a surface that will not scratch the side panel. Use the key found in the accessories kit to unlock the transport laser assembly as shown on the label on the bottom of the unit. (Note: the *transport key* need *only* be turned a small distance to either lock or unlock the transport.)

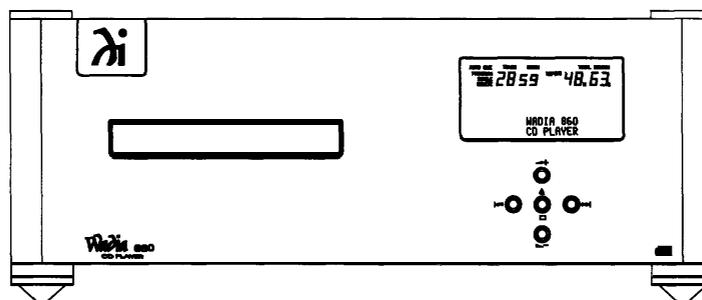
Q *In the event that the unit requires shipping, the unit must be returned to the locked position.*

Installing the Spiked Feet

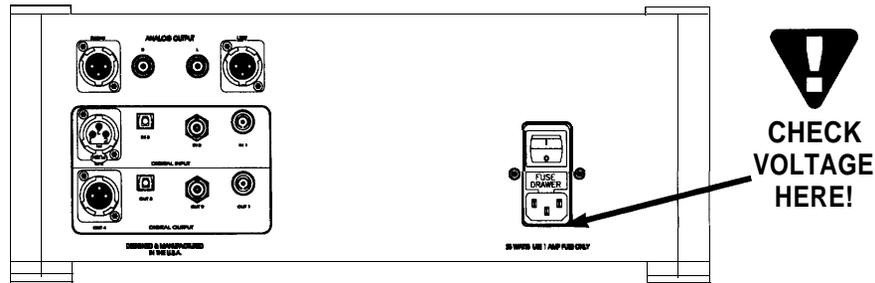
With the unit still positioned on its side, screw one of the spiked feet into the bottom of each corner post.

Position the Wadia 860 where you would like it to reside in your system. We recommend choosing a solid, non-resonant, level, surface for best performance. If this surface is susceptible to damage, place one of the steel coasters under each spiked foot.

Q *When positioning the Wadia 860, do not tilt the unit forward as it may cause the laser assembly to become lodged in the disc clamping system.*



CONNECTING THE WADIA 860 TO YOUR SYSTEM



Check to make sure your Wadia 860 Compact Disc Player has been manufactured for operation at your AC line voltage. Attempting to use your Wadia 860 Compact Disc Player at any voltage other than specified on the rear of the unit may damage the unit. Damage caused by improper operation is not covered by Wadia warranty. If the voltage specified is different from your AC voltage, contact your Wadia dealer.

Connecting the Wadia 860 to AC Power

The best performance is obtained when the Wadia 860 is plugged directly into the wall with the power cord provided. The Wadia 860 has power conditioning, surge suppression and an extremely sophisticated overall protection scheme. It should not be necessary to use surge protectors, power conditioners or aftermarket power cords. If you wish to experiment with any of these devices, work closely with your dealer – and most of all, trust your own ears.

Connecting the Wadia 860 Compact Disc Player Directly to a Power Amplifier

Avoid allowing static shocks to be applied to the inputs or outputs. To prevent static shocks, touch any grounded surface, such as the Wadia 860 chassis, before connecting or removing a cable. It is unlikely that a static shock will damage the unit, but it may cause the Wadia 860 Compact Disc Player circuitry to “lock-up” (see **Lock-Up under Trouble Shooting**).

Inputs and outputs can be safely connected to the Wadia 860 Compact Disc Player:

1. Before the unit is powered up
2. When the unit is in Relay-Mute mode
(See **Mute Modes in General Operation**)

We strongly recommend that you use your Wadia 860 Compact Disc Player connected directly to your power amplifier. Even if you purchased your Wadia 860 with the intention of connecting it to your preamplifier, we suggest that you try direct connection to your amplifier. Many listeners are surprised by the improvement in performance over even the most expensive preamplifiers.

To connect your Wadia 860 to a power amplifier, ensure that your power amplifier is turned off, then simply connect your analog interconnects from the Wadia 860 analog outputs to the amplifier’s inputs.

Using the Wadia 860 with a Preamplifier

While the Wadia 860 Compact Disc Player was designed to be used without a preamplifier, no compromises were made in its design that will prevent excellent operation in a conventional system with a preamplifier.

When using a preamplifier, bypass the Wadia 860 volume control by setting it to its maximum setting.

Optimizing the Output Level

Best performance is obtained when operating the Wadia Digital Volume Control in the top half of its range. If needed, the maximum output level of your Wadia 860 can be adjusted to match the overall sensitivity of your system so that the critical listening will take place with the volume control operating in the top half of its range.

The maximum output level of the Wadia 860 Compact Disc Player is adjustable by means of a set of internal switches. The Wadia 860 is factory set to accommodate the most common range of system sensitivity. If you find that your typical volume level during critical listening is below 50 on the volume display, then it may be advantageous to use a different setting. The output level is not user adjustable. If you would like to change the output level, consult your dealer.

Connecting Other Digital Sources to your Wadia 860

Your Wadia 860 is equipped with digital inputs which can accept digital signals from any of the established digital formats.

- Input 1: Glass-fiber optical
- Input 2: Coaxial with BNC connector
- Input 3: Plastic-optical TOSLINK
- Input 4: AES/EBU with XLR type connector

The Wadia 860 will automatically adjust to the sampling rate of any of the standard digital audio formats.

Choosing a Digital Cable

While the Wadia 860 supports all currently accepted transmission formats for digital audio, we recommend using a high quality glass-fiber cable such as the one available from Wadia. Wadia Digital was the first company to use glass fiber-optic data transmission in digital audio. We have continually improved this format and believe that it offers the best, most consistent performance of all the available options.

Based on our experience, here is a list of digital interface methods in descending order of performance:

1. Glass optical
(as implemented by Wadia, with high quality glass optical cable)
2. AES/EBU using XLR connector
3. Coaxial cable using BNC connector
4. Coaxial cable using RCA connector
5. TOSLINK plastic-optical cable

The quality of any of these transmission methods depends on the quality of the cable and the sophistication of the transmitter and receiver. For example, a high quality coaxial cable can outperform a low quality AES/EBU cable. A high quality AES/EBU cable will outperform a poorly implemented glass optical system.

If you are using a coaxial cable we recommend that you have the cable terminated with a BNC connector. This will provide higher performance than an RCA connector. Your Wadia 860 comes with an RCA/BNC adapter that can be used for experimentation between different types of coaxial cable.

Again, we highly recommend that you take advantage of your dealer's experience and, most importantly, *trust your ears*.

All XLR-type inputs and outputs on the Wadia 860 Compact Disc Player, both digital and analog, use the standard audio pin configuration:

- Pin 1 - Ground
- Pin 2 - Positive signal
- Pin 3 - Negative signal

FREQUENTLY ASKED QUESTIONS

Should I use a Balanced or Unbalanced connection?

We recommend you use the balanced analog output from your Wadia 860 Compact Disc Player, connected to a true balanced input.

All things being equal, properly implemented balanced (also called differential) circuitry sounds better than unbalanced circuitry. The Wadia 860 is a true balanced design. It generates the inverted signal in the digital domain and all subsequent processing is done in balanced mode.

Your Wadia 860 is designed to maintain many of the advantages of true balanced design when using the unbalanced outputs. In addition, the Wadia 860 output stage is capable of driving both types of outputs simultaneously.

Why should I bypass the Preamplifier?

A preamplifier is unnecessary when using your Wadia 860 Compact Disc Player. The Wadia 860 provides all the necessary control functions of a preamp while the signal is still in the digital domain. This avoids the sonic degradation caused by analog circuitry, switches, and wire. The Wadia 860 output stage can drive any power amplifier and any interconnects, even very long lengths.

Does the Wadia Digital Volume Control compromise resolution?

The Wadia 860 Compact Disc Player uses the latest generation of Wadia's proprietary digital volume control. The volume level can be varied in the digital domain by means of mathematical manipulation of the signal, eliminating the distortion and noise that are inevitable with even the best analog volume controls. While conventional thinking indicates that reducing the volume digitally can sacrifice low level resolution, Wadia has created an innovative solution. Wadia's patented digital filtering algorithm produces a 24 bit output rather than the 16 bits stored on the CD. This high-resolution signal is then used in the computations which in turn reduce the volume level. This new signal is fed directly to the DAC chips. Through this innovative method, the Wadia 860 maintains high resolution even at the lowest volume control settings.

Can I bypass the Wadia Digital Volume Control?

The Digital Volume control can be bypassed by setting the Volume Control to its maximum setting so that the front panel display shows a volume level of 100.

The Wadia Digital Volume Control operates in the digital domain. It is a computer program which performs calculations on the numeric values from the CD recording. If the Volume Control is set to 100 on the front panel display, this computer program is bypassed.

What about Analog Sources?

In order to fully realize the potential of this type of system, Wadia has introduced the Wadia 17 Analog-to-Digital converter. Now it is possible to use analog sources, such as a tuner, tape deck, or even a turntable (in conjunction with a suitable phono stage) in your system without using a conventional analog preamplifier. Consult your dealer for more information on the Wadia 17 and other future Wadia Analog-to-Digital products.

Should I leave the Wadia 860 with the power on?

The Wadia 860 is designed to be left with the power on with no harm or wear to the unit. All motors and laser circuitry turn off when the unit stops playing. If desired, the front display can be turned off (see Turning off the Display under Remote Operation). Leaving the power on allows the circuitry to remain in thermal stability, which provides better performance and longer life. Careful listeners will notice that the sound of the Wadia 860 will improve steadily after the unit is powered-up. A new unit will undergo more dramatic changes when power is applied for the first time. If you turn off your Wadia 860 for more than an hour, you will find that the unit will undergo similar, but less dramatic improvement once power is reapplied. Depending on the resolution of the system and the attentiveness of the listener, you may find that the sound continues to improve over the first several weeks of operation. Although there are many theories on why this occurs, none have been proven. However, years of listening experience has confirmed this phenomenon.

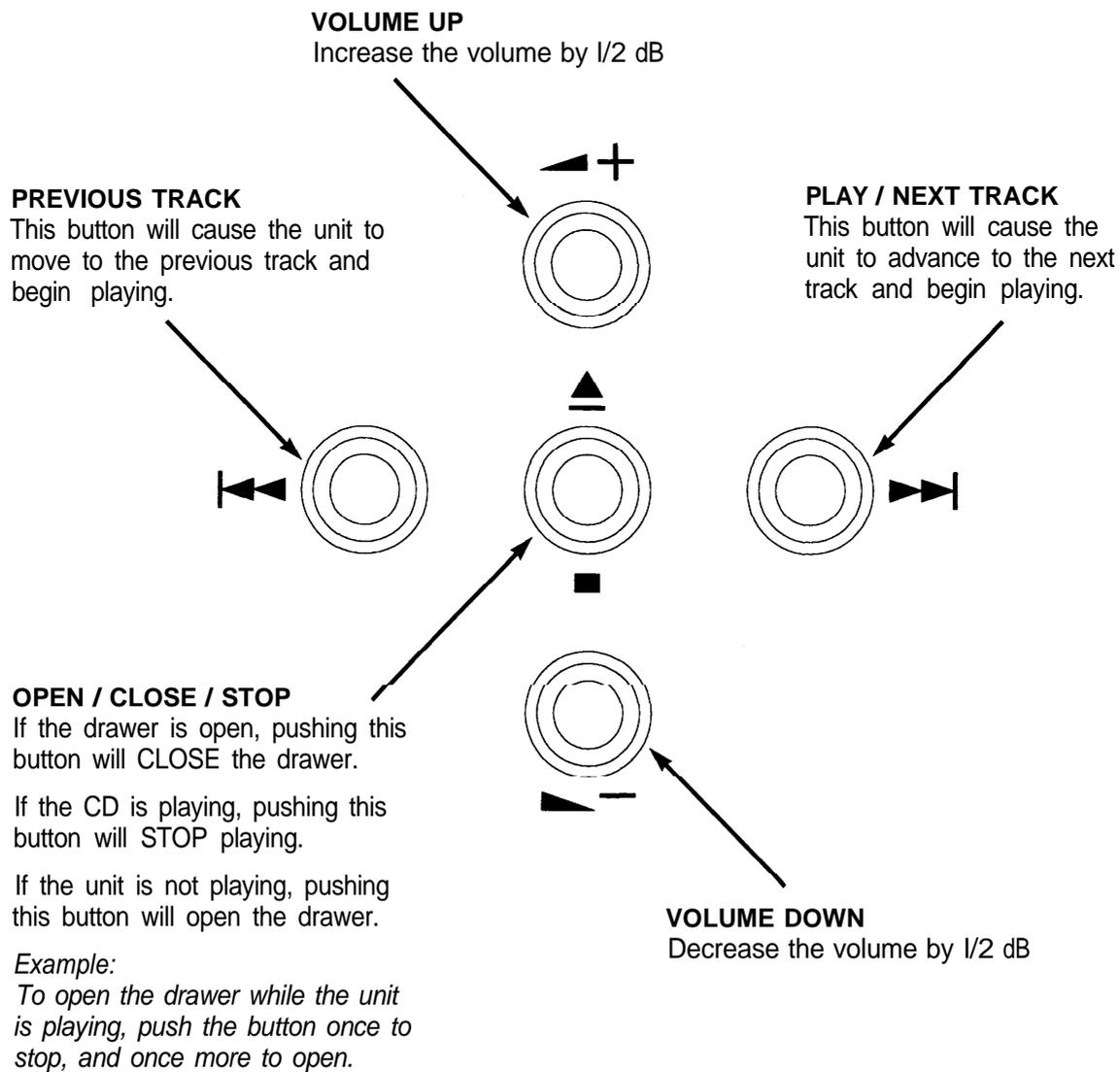
GENERAL OPERATION

Turning on the Wadia 860

Using the switch located directly above the AC power input, turn the switch to the ON position.

FRONT PANEL CONTROLS

The front panel of the Wadia 860 features basic controls that allow you to operate basic functions without using the Remote Control.



DISPLAY FUNCTIONS

The Wadia 860 Compact Disc Player features a two part display screen. The top section shows the status of the CD transport. The bottom of the display indicates preamp functions.

Turn-on Screen

This screen is displayed each time the Wadia 860 is powered-up. After five seconds, the display will change to the Input Screen with CD input selected, then change again to the Volume Screen with the volume set to Zero.

W A D I A 8 6 0 C D P L A Y E R

Input Screen

The Input Select screen will show the status of the signal connected to the currently selected input. The Input Screen will display the sampling rate and indicate if the signal is phase inverted. If there is nothing connected to selected input, the display will indicate this by showing, "No Data."

4 4 . 1 K H Z I N 1 : G L A S S O P T I C A L

N D D A T A I N 4 : R E S / E B U
--

Volume Screen

The Volume Screen shows the right and left channel volume level. If the output is muted, the display screen will indicate this by showing, "MUTE."

During normal listening, the display will show the volume screen. If a new input is selected, the screen will change to show the Input Screen for five seconds before returning to the volume screen.

L E F T	L E V E L	R I G H T
1 0 0		1 0 0

L E F T	L E V E L	R I G H T
1 0 0	M U T E	1 0 0

**How to Change
between Display
Screens**

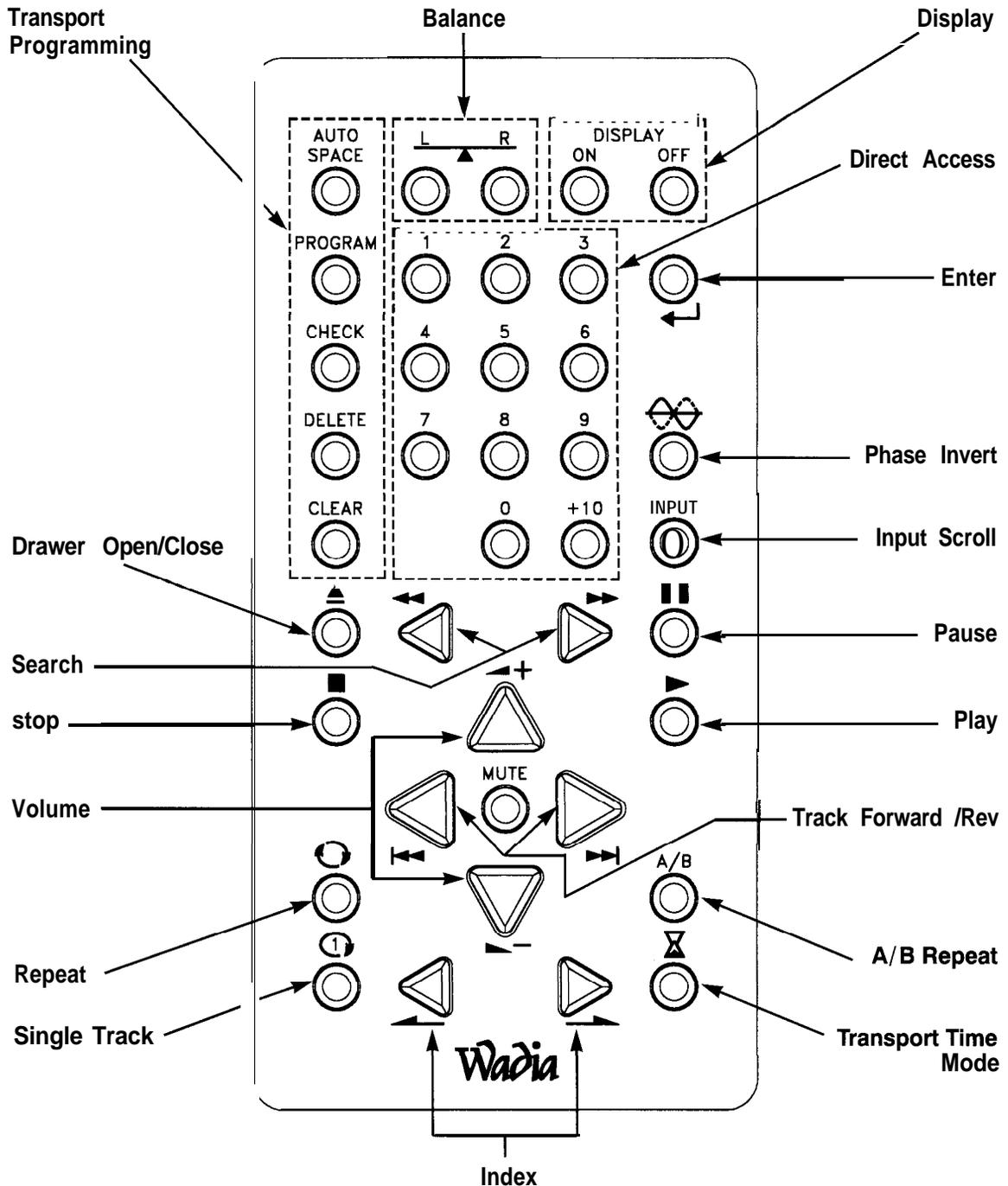
Pressing the Enter key will cause the display to change to whichever screen is not currently displayed. For example, if the Volume Screen is currently being displayed, pressing the Enter key will change to the Input Screen.

Also, the Wadia 860 will automatically change screens if a key is pressed that changes information displayed on a different screen. For example, if the Volume Screen is currently being displayed, selecting a different input will change the display to the Input Screen.

REMOTE CONTROL OPERATION

The remote control included with your Wadia 860 Compact Disc Player is a new design. The machined aluminum chassis is ergonomically pleasing in look, feel and use. The controls have been carefully laid out for the most convenient operation.

The Wadia 860 remote control requires three type-AAA batteries, which you will find in the accessories kit. To install the batteries, remove the battery cover on the back of the remote by removing the phillips head screw. Insert the batteries as indicated on the battery holders.



- Adjusting the Volume** Whenever the volume control keys are pressed, the volume for both channels will be increased or decreased by an increment of 1 on the display screen. The range of the volume control is from 1 to 100, with each step representing 0.5 dB change in volume.
- Adjusting the Balance** Relative volume of each channel can be adjusted via the balance control keys on the remote. Each time one of the balance keys is pressed, the volume on that channel is increased relative to the other by an increment of 0.2 on the display. This corresponds to a 0.1 dB change. Each time one of the balance keys is pressed, one channel is increased. The next time it is pressed the opposite channel is decreased. This way the overall volume level (the sum of the two channels) remains constant within 0.1 dB.
- Selecting an Input** The Wadia 860 Compact Disc Player has four digital inputs, plus the internal CD drive. Any of the inputs can be selected from the remote control by pressing the input key. Each time the input key is pressed, the next input is selected. For example, if you are listening to CD input and you press the input select, Input 1 will be selected, press it again, and Input 2 will be selected and so on. After Input 4, the list will begin again with The CD input.
- Whenever you select a new input, the display will switch to the Input Screen.
- Inverting Absolute Phase** The Wadia 860 has the ability to invert absolute phase in the digital domain. Pressing the Phase Invert key on the remote control will cause the Wadia 860 to invert phase; pressing it again will switch the phase back to normal. If the Wadia 860 is in Phase Invert mode, this will be indicated on the Input Screen of the display.
- Turning Display On/Off** By pressing the Display On or Off key, the Wadia 860 display can be turned off completely.
- If the display is turned off, it will reappear briefly whenever a Wadia 860 function key on the remote control is pressed.
- Mute Modes** The Wadia 860 Compact Disc Player has two mute modes that are automatically implemented under different circumstances.
- DSP-Software Mute** When the Mute key is pressed on the remote control, the Wadia 860 Compact Disc Player's DSP engine transmits a stream of zero signal level samples to the DAC section, which results in zero output.
- Output-Relay Mute** The Wadia 860 Compact Disc Player has mute relay connected between the positive and negative outputs. When this relay is engaged, it connects the positive output to the negative output, reducing the output to zero. This relay, which produces an audible click when it engages or disengages, is not in the music signal path. The mute relay is engaged:
1. When the Wadia 860 Compact Disc Player detects AC input level below its minimum operating range.
 2. Each time the Wadia 860 Compact Disc Player power switch is turned on.
 3. When the volume control is set to zero AND the mute key on the remote control is pressed.
- When the Wadia 860 is in either Mute Mode, the Volume Screen will indicate this by Displaying the word, "MUTE."
-

REMOTE CONTROL OPERATION (continued)

INDEX: Pressing these buttons allows access to the previous or next index point within a track that has such indexed sections.

TRACK FORWARD/REV: Pressing these buttons allows access to the previous or next track on a disc.

SEARCH: Pressing these buttons allows fast reverse or fast forward access through a track.

STOP: Pressing this button while a Compact Disc is playing stops PLAY

PAUSE: Pressing this button, while a Compact Disc is playing, suspends PLAY. Pressing the PLAY button will resume play at the point where the pause button was pressed.

PLAY: After a Compact Disc has been loaded into the drawer, pressing this button plays the disc beginning with the first track on the disc or in a sequenced program. Pressing this button while the drawer is open, closes the drawer and begins play with the first track on the disc or in a sequenced program.

PROGRAMMING THE CD TRANSPORT

Program: Pressing this button enters all tracks subsequently chosen with the numeric keys (up to a total of 20 selections) as part of a programmed sequence.

Programming a sequence of tracks can be done either in the stop mode or in the play mode.

To program a sequence of tracks from a compact disc while in the stop mode, first press the program button. The program indicator will illuminate in the display window. Next, press the numeric buttons of the tracks you would like to program in the sequence desired. The number of each selected track will be indicated under the track indicator, the location of that track within the program (the playing order) of the tracks selected will be indicated in the area where index is usually identified, and the total program playback time of the sequence will be updated as each track is programmed.

To program a sequence of tracks from a compact disc while in the play mode, the procedure is the same. The only difference is that the total program's playback time will not be displayed.

A program will continue to be held in memory, even after that program has been completely played.

When programmed playback is ended by pressing the stop button, the program will continue to be held in memory. However, if the stop button is pressed a second time, the program indicator on the display will go out and the programmed contents will be erased from memory.

Single: To play a single track, press the single button (the single indicator will light in the display window), then press the numeric button(s) which correspond(s) to the track you would like to play. The transport will search for the selected track, and playback will start from the beginning of that track. At the conclusion of the track, the transport will enter the stop mode.

To repeat one single track, press the single button (the single indicator will illuminate in the display window), then press the repeat indicator (the repeat button will illuminate in the display window), and then press the numeric button(s) which correspond(s) to the track you would like to repeat. Playback of the track selected will begin immediately. At the conclusion of the track the transport will return to the beginning of that track again, and in this way the selected track will be repeated.

Delete: This button is the opposite of normal programming. Pressing this button while a program is being entered, erases the entire entered program. To play an entire disc, except for specific tracks that you do not want to hear, press this button and then the numeric keys corresponding the tracks you would like to delete (up to 20 selections).

Clear: When the program indicator is illuminated in the display window. To eliminate a particular track from a programmed sequence, first press the check button until the track which you would like to eliminate is selected. Then press the clear button which will clear that particular track from memory.

Time: This button switches between the various time modes on the display. Before play, the total time on the disc, or in a sequence program, is shown. Once a disc starts to play the elapsed time of that track will be shown. Pressing the button on the remote control once will cause the display to indicate the remaining time in that track (remain). Pressing this button on the remote control again will cause the display to indicate the remaining time on the entire disc, or in a sequenced program (total remain).

Auto Space: Pressing this button will provide a four second space between tracks on disk, irrespective of the actual time between tracks on disc.

Check: When a sequence of tracks has been programmed, the check button can be used to review the contents of that program. After a program has been entered, but before playback has begun, by pressing the check button once, the first programmed track number, its position in the sequence of tracks that have been programmed, and the playing time of the entire sequence, will be displayed. Each subsequent pressing of the check button will provide similar details as you move through each of the programmed tracks.

The programmed contents of a sequence can also be checked during playback, however, the total program's playback time will not be displayed.

Repeat: Pressing this button will cause the entire disk to repeat continuously. Pressing this button a second time will take the transport out of the repeat mode. Pressing this button once, following pressing the single button, will cause the track that is playing, or has been selected, to repeat continuously. Pressing either the stop or open buttons will also take the transport out of the repeat mode.

A/B: This button is used to define a section of a disc that is to be repeated continuously. Pressing this button once defines the beginning point (A) of the section to be repeated and pressing this button again defines the ending point (B) of the section repeated. Pressing the button a third time will disengage the A/B procedure.

APPENDICES

Enabling/Disabling the Digital Outputs

The Wadia 860 is designed in such a way that the unused digital outputs can be disabled. This can result in slightly better overall performance. See your dealer for information about these internal adjustments.

Troubleshooting

Lock-up

If the Wadia 860 experiences a powerful static shock or sudden AC surge, it is possible to “lock-up” the computer circuitry. A locked-up computer may result in erratic display, no output, and no response to remote commands.

If your Wadia 860 should lock-up, unplug the AC cord. Wait at least 30 seconds before re-plugging in the unit. If the unit still does not operate normally, contact your dealer.

Software License Agreement

IMPORTANT! THIS AGREEMENT SETS FORTH TERMS AND CONDITIONS FOR THE DigiMaster SOFTWARE.

The DigiMaster software is copyrighted and patented. It is the property of Wadia Digital Corporation of River Falls, Wisconsin.

Title to Licensed Software is not transferred to the customer. The customer is granted a nonexclusive license to use the Licensed Software on a single CD Player basis. The Licensed Software cannot be shared among multiple CD Players. Each CD Player must have its own separately Licensed Software.

At Wadia Digital Corp.'s sole discretion, Wadia Digital shall provide customer with updates of the Licensed Software. Wadia Digital retains the right to provide the Licensed Software updates for a fee. The customer may refuse to accept such Licensed Software updates.

Environmental Care



Wadia Digital makes every effort to be an environmentally conservative company. We appreciate it if our customers join our efforts. Please dispose of batteries and packing material in a manner that is environmentally responsible.

**! IMPORTANT SAFETY PRECAUTIONS !**

To get the best performance from your Wadia 860 CD Player, and for your own safety, please read and follow these important safety instructions.

1. Before operating the Wadia 860 CD Player please read all operating and safety instructions.
2. Never place the Wadia 860 CD Player near heat sources such as radiators, fireplaces, stove, or other appliances that produce heat. Avoid placing the Wadia 860 CD Player where it will be subject to direct sunlight or low temperatures.
3. This product is equipped with a three prong AC power cord which includes an earth ground connection. To prevent shock hazard, all three connectors must always be used. If your electrical outlets will not accept this type of plug, an adapter may be purchased. If an adapter is necessary, be sure it is an approved type and that it is used properly, supplying an earth ground. If you are not sure of the integrity of your home's electrical system, contact a licensed electrician for assistance.
4. AC extension cords are not recommended for use with this product. If an extension cord must be used, be sure it is an approved type and has sufficient current carrying capacity to power this product.
5. Before cleaning the Wadia 860 Compact Disc Player, always disconnect the power supply cord. Use a soft cloth and, if necessary, dampen with plain water. Never apply water, or any other cleaner, directly to the chassis.
6. If you smell smoke, or an abnormal smell, immediately unplug the Wadia 860 Compact Disc Player from the power supply and contact your Wadia dealer.
7. Unplug unit if it becomes wet.
8. Replace fuse only with the exact type originally included.
100 volt: (1) 1 amp Slo-Blo
120 volt: (1) 1 amp Slo-Blo
220 volt: (2) 1/2 amp Slo-Blo
240 volt: (2) 1/2 amp Slo-Blo
9. THERE ARE NO USER SERVICEABLE PARTS INSIDE THE WADIA 860 CD PLAYER!
 - Do not attempt to repair or modify your Wadia 860 CD Player.
 - All service should be performed by qualified service personnel.
 - Do not open the unit while it is attached to the AC outlet.

SPECIFICATIONS

Decoding Software	32 Times Resampling DigiMaster
Digital Processing Capability	24 Bits
Digital Resolution	21 Bits
Analog Outputs	One pair of Balanced (XLR); One pair of Unbalanced (RCA). Both can be used simultaneously.
Digital Outputs	1 - Glass Fiber-Optic (ST), 1 - AES/EBU (XLR), 1 - SP/DIF (BNC), 1 - Plastic Optical (Toslink).
Digital Inputs	1 - Glass Fiber-Optic (ST), 1 - AES/EBU (XLR), 1 - SP/DIF (BNC), 1 - Plastic Optical (Toslink).
Output Impedance	Less than 15 ohms
Power Consumption	25 watts
Weight	48 lbs. Unit itself; 55 Lbs. Shipping Weight
Dimensions	17" Wide, 16" Deep (not including connectors), 7" High (including spiked feet)

WARRANTY

This Warranty covers the Wadia 860 Compact Disc Player. Wadia Digital warrants that this product shall be free from defects in materials and workmanship for:

1 year for the transport mechanism's mechanical structure and associated electronics, and 5 years for all other parts of the product (excluding batteries).

The warranty period begins at the date of sale and is subject to the following requirements and understandings:

- 1) The product must not have been modified in any manner whatsoever, or the warranty is immediately voided.
- 2) The product must not have been stored in humid, damp environment; nor subjected to weather, water, or salt spray.
- 3) During the warranty period Wadia Digital will repair the Wadia 860 Compact Disc Player to working order, or, at Wadia's option, replace a defective Wadia 860 with a similar available product, at no cost to the owner for labor, materials, and shipping charges from Wadia Digital, River Falls, Wisconsin.
- 4) Wadia Digital shall not, under any circumstances, be liable for any incidental or consequential damages arising from the loss of property or other damage or losses due to the failure of a Wadia 860 Compact Disc Player. Wadia Digital will not pay for loss of use or inconvenience caused by the failure of a Wadia 860 Compact Disc Player. Wadia Digital will not pay for damage caused to other audio components caused by the failure of the Wadia 860 Compact Disc Player within the limits allowed by State Law.
- 5) All repairs performed after the warranty period has expired will be billed to the owner and will carry a 90 day warranty on parts and labor.
- 6) The customer is responsible for the shipping charges for all repairs, warranty or non-warranty, shipped to Wadia Digital. Wadia Digital will pay return shipping to the customer or dealer (within the United States) for all warranty repairs. Special shipping methods or services will not be covered by Wadia Digital.
- 7) All repairs must be serviced by Wadia Digital or an authorized service facility.
- 8) This product is only warranted in the country of original sale by Wadia Digital.



Wadia Digital Corporation
624 Troy Street River Falls, WI 54022 • (715) 426-5900 • FAX (715) 426 5665
<http://www.wadia.com>