

RELENTLESS

Preamplifier



Welcome to the musical world of Dan D'Agostino Master Audio Systems.
My team and I thank you for your purchase of the Relentless Preamplifier—a pinnacle
achievement—and wish you endless high-end listening enjoyment!

—Dan D'Agostino, Founder & Chief Designer

A handwritten signature in white ink that reads "Daniel D'Agostino". The signature is written in a cursive, flowing style with a large initial 'D'.

Sincere thanks for your purchase of the Relentless Preamplifier. We design and build Relentless level components for the truly discriminating listener. Incorporating the most sophisticated circuit topology and in a boldly elegant yet functional structure, the Relentless Preamplifier is an all-out assault on the preamplifier category.

The preamplifier plays a critical role in musical playback: the point in the reproduction stage when the music signal is particularly susceptible to compromise through noise and distortion. The use of three separate chassis in the design of the Relentless Preamplifier—a dedicated audio chassis for each channel separated by a power supply/control section—addresses these challenges and brings other benefits besides. This larger footprint provides the space required to fully exploit the FET-style front end pioneered in the [Momentum HD Preamplifier](#). This new circuitry stage as executed in the Relentless Preamplifier reveals a level of detail and musicality not previously achieved.

Operationally, the Relentless Preamplifier is our first two-source/two-zone preamplifier, allowing two different sources to be played simultaneously in different parts of your home. It is also the first D'Agostino preamplifier to offer an optional Digital Streaming Module (DSM), housed in the power supply/control chassis and completely isolated from the analog circuitry.

As a part of the digital streaming capabilities, Tidal, Qobuz, and Spotify subscription services are available. With appropriately encoded music files, MQA decoding is standard. Customized apps for iOS devices provide easy control of music collections, streaming content, and unit control. Roon Music management is also available as an alternative music management program.

Importantly, the Relentless Preamplifier builds on decades of experience designing and manufacturing the highest-performing audio products, combining the very finest and most advanced parts with the same labor-intensive, hand-crafted construction we have used since the company's inception. Our staff of dedicated craftsmen and technicians work diligently to guarantee that every Relentless Preamplifier tests and meets the stringent specifications by our engineers for electrical, mechanical, and finish criteria.

We hope you find that your Relentless Preamplifier delivers the most spectacular sound quality you've ever experienced in your system. And I hope your eyes enjoy its singular, elegant design and impeccable craftsmanship as much as your ears enjoy hearing it.

Sincerely,
The Dan D'Agostino Master Audio Systems Team

Legal Notifications

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CAUTION:

NO USER SERVICEABLE PARTS INSIDE

Do not open the component’s chassis or remove any of its screws. Contact DDMAS or the dealer if you have service needs.

WARNING: Do not expose this product to moisture or excessive humidity, and do not use it outdoors. Fire hazard may result.



The lightning flash with arrowhead, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electrical shock to persons.



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

Package Contents

- 1 Relentless Preamplifier encased in protective static-cling vinyl**
- 1 Remote control**
- 1 Bluetooth antenna**
- 1 Wi-Fi antenna if equipped with Digital Streaming Module**
- 1 Owner’s manual**
- 1 Microfiber cleaning cloth**
- 1 AC power cord**

Please contact the authorized retailer if any items above are missing.

Unpacking & Installation

Removing the component from its packaging

While the preamplifier is still in its crate, move it to a location near the place where it will be installed.

Remove all jewelry including watches, rings, and belts from your person to avoid damage to the exterior of the preamplifier during the removal and installation.

We recommend that two people lift each chassis of the Relentless Preamplifier.

The finish of the Relentless Preamplifier is durable, but it can be damaged if care is not taken. To maintain the preamplifier's pristine surface, you may wish to wear cotton gloves when handling to avoid abrasion, fingerprints caused by oils from skin, etc. Please see "Maintenance" for instructions on cleaning.

Installation requirements

The Relentless Preamplifier's three metal chassis makes it much heavier than the average preamplifier. Make sure the surface that will support the Relentless Preamplifier can safely hold its weight.

Adequate ventilation must be provided for the preamplifier. There should be two inches of clearance at the top, and the bottom vents must not be obstructed by thick carpet, dust, etc. We recommend that the preamplifier be installed in an open equipment rack

to assure proper ventilation. The preamplifier may be installed in a closed cabinet or in an equipment closet, but the cabinet or closet must be designed with substantial ventilation at top and bottom; active ventilation (i.e., powered fans) is preferred. Do not place the preamplifier directly on a carpeted surface.

If plugging the Relentless Preamplifier into a power strip or power conditioner, make sure it is a high-quality unit that does not alter ground connections or insert current limiting elements in series with the AC mains signal.

The Relentless Preamplifier transmits power and control signals through specially made connectors mounted in the feet of each chassis. To assemble the preamplifier, place the audio chassis labeled **Relentless Preamplifier Audio Chassis—Right Channel Bottom** at the preamplifier's final location. Place the chassis labeled **Relentless Preamplifier Power Supply** on top of the bottom audio chassis. Carefully ensure that the bottom plate connector makes solid contact with the audio chassis top plate connector. Place the remaining audio chassis labeled **Relentless Preamplifier Audio Chassis—Left Channel Top** on top of the power supply chassis. Carefully ensure that the bottom plate connector makes solid contact with the power supply chassis top plate connector.

Audio Chassis and Power Supply



Front Panel

- 1 Standby/Power On button
- 2 Mute button
- 3 Polarity button
- 4 Zone 1 button
- 5 Zone 2 button
- 6 Volume control knob
- 7 Volume setting indicator
- 8 Source selector buttons

Remote Control

- 1 Main display/navigation control
- 2 USB-C charging
- 3 Power switch

Rear Panel

- 1 XLR input jacks
- 2 RS-232 control connector
- 3 Optional Digital Streaming Module
- 4 Access for preamplifier control programming
- 5 Access for DSM programming
- 6 Power supply DC output x 2 (for future products)
- 7 Zone 1 XLR output jacks
- 8 Zone 2 XLR output jack
- 9 Bluetooth antenna
- 10 IEC power cord connector
- 11 Main power switch
- 12 12-volt trigger outputs



Making Connections to the Relentless Preamplifier

Interconnect cables

We recommend the use of high-quality balanced XLR audio interconnect cables with the Relentless Preamplifier. If you have a source device that does not offer XLR connections, use high-quality XLR-to-RCA adapters. First connect the source devices (phono preamplifier, CD player, etc.) to the appropriate inputs. Be sure to connect each XLR cable (or XLR-to-RCA adapter) to the appropriate XLR jack by pushing the plug into the jack. To release the plug, push on the small tab atop the jack and gently detach the plug. Never grasp interconnect cables by the cable itself—you could damage the cable. Use the top chassis for left channel connections and the bottom chassis for right channel connections.

Note: The Relentless Preamplifier does not incorporate a phono stage section; you must add an external phono stage to use the Relentless Preamplifier with a turntable. We recommend the Momentum Phonostage for use with the Relentless Preamplifier. Connect the cables of the Relentless Preamplifier's Zone 1 outputs to your amplifier(s). Use the top chassis for left channel outputs and bottom chassis for right channel outputs.

Note: Each Relentless Preamplifier audio chassis includes two Zone 1 outputs. These are identical and can be used interchangeably. The most common use for the second set of Zone 1 outputs is for use with subwoofers. Additionally, each Relentless Preamplifier audio chassis includes a

Zone 2 output. Please see the Zone 2 operation section of this Owner's Manual.

AC cord

The Relentless Preamplifier is supplied with a high-quality AC cord tipped with a 15-amp IEC connector at the preamplifier end and a three-conductor AC plug at the other end. You may use a different power cord with the Relentless Preamplifier if you wish, as long as it is tipped with a 15-amp IEC connector and a three-conductor AC plug. After the speaker, interconnect cables, and power supply connector cable are connected, push the IEC connector on the power cord into the IEC jack.

If using a power strip or power conditioner, make sure it is a high-quality unit that does not alter ground connections or insert current limiting elements in series with the AC mains signal.

Remote Control

The Relentless Preamplifier remote control uses bi-directional Bluetooth 5.0 BLE technology and features a display screen that mirrors the display on the unit's front panel. The screen also functions as the main navigational device and is used for adjusting options and selecting various operations. Bluetooth 5.0 BLE offers great improvement in usable range and does not require line of sight for proper operation. Attach the included

Bluetooth antenna to the threaded antenna input on the rear panel. Please see operation details in the following section.

12-volt trigger outputs

These 3.5mm jacks output a 12-volt DC control signal when the preamplifier is on. You can connect them to any devices that accept a 12-volt DC control input, such as an amplifier.

RS-232 input

This DB9-type input allows the Relentless Preamplifier to be controlled by home automation systems that use RS-232 protocol. Consult your D’Agostino Master Audio Systems dealer for more information.

Operation

Initial power-up of the preamplifier

To power-up the Relentless Preamplifier, two switches are used. The switch located on the back of the power supply turns the AC power on. The other is the Standby button located on the front of the preamplifier power supply chassis. First, flip the switch on the back of the power supply to the On position. The Standby button will illuminate. Press the Standby button on the front of the preamplifier. This will power up

the preamplifier, turn off the Standby button LED, and illuminate the volume indicators. After power is switched on, the preamplifier requires approximately 30 minutes to reach optimal operating temperature. Although it will sound excellent upon initial listening, the sound quality will improve as it warms up to operating temperature.

Basic operation—Zone 1 operation

The Relentless Preamplifier front panel offers basic functions: Standby, Mute, Polarity, Zone 1 and 2 selection, volume, and source selection. The remote control adds additional controls detailed in the “Remote Control” section.

Front panel control

Standby: The Standby button is located on the front panel of the preamplifier. When the preamplifier is in standby (off) mode, the LED in the middle of the button will be lit. Push the button to turn the unit on. When power is on, the LED in the middle of the button will go off and the volume indicator will illuminate. Push the button once more to turn the unit off. The light for the volume indicator will go out and the LED in the middle of the Standby button will light up. The Relentless Preamplifier defaults to Zone 1 and the Zone 1 LED will also illuminate upon initial turn on.

Operation (continued)

Mute: The Mute control disables the preamplifier output temporarily. Press it once to mute, and again to restore the volume. When the sound is muted, the light in the volume indicator will flash. Mute is independent for each zone when Zone 2 is also active.

Polarity: The Polarity control inverts the polarity of the entire system. While the Relentless Preamplifier does not invert polarity, many source devices do, and many recordings are produced with inverted polarity. Because there is no way of knowing what the proper polarity is, this must be set by ear. Push the Polarity button on the front panel to invert the polarity. The lights on the preamplifier's front dial will turn from green to red when the polarity is inverted. Try listening with the polarity normal or inverted, and use whichever setting sounds better. Depending on the recording, the effects of polarity inversion are often subtle or inaudible.

Zone 1 and Zone 2 operation

The Relentless Preamplifier is a two-source/two-zone preamplifier. This means that two different sources can play simultaneously. The Relentless Preamplifier defaults to Zone 1 operation when the unit is powered up from standby. The active input will only play in Zone 1.

Zone 1 and Zone 2 system example: In this system example, the Momentum Phonostage is the source for

Zone 1 with the Relentless Amplifiers powering the Zone 1 loudspeakers. Simultaneously, a streaming source is the Zone 2 source using the Optional Digital Streaming Module with the Momentum M400 amplifiers powering the Zone 2 loudspeakers.

To play the same source in Zone 1 and Zone 2

simultaneously: Press the Zone 2 button and press the same input button that is active for Zone 1. The top chassis volume control functions as the Zone 1 volume control and the meter illumination remains green. The bottom chassis volume control now functions as the Zone 2 volume control and the meter is illuminated in a lighter green.

To play a different source in Zone 1 and Zone 2: Press the Zone 2 button and press a different input button for Zone 2. The Zone 2 input button will be green. The top chassis volume control functions as the Zone 1 volume control and the meter illumination remains green. The bottom chassis volume control now functions as the Zone 2 volume control and the meter is illuminated in a lighter green.

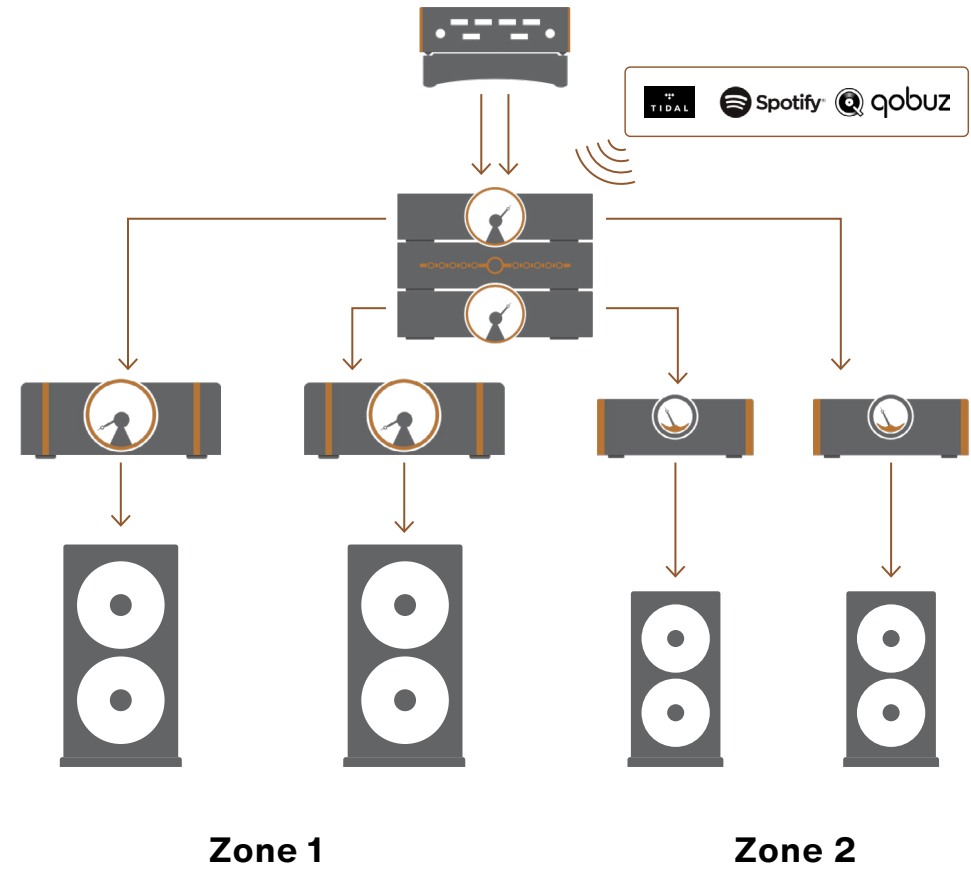
To return to Zone 1 playback only: Press the Zone 2 button until the bottom chassis illumination returns to the same lighter green as in the top audio chassis. This will cancel the Zone 2 operation.

Zone Configuration

Volume: The Relentless Preamplifier features volume controls on both audio chassis. Either volume control may be used to adjust Zone 1 volume. They are synchronized and the needles will move together when either control is used. Turn the ring around the volume indicator clockwise to raise the volume and counterclockwise to lower it. The needle indicators will move toward the right as you increase the volume and to the left as you decrease it. For more precise volume indication, the Relentless Preamplifier includes a numeric volume in the middle of the power supply chassis. This display defaults to illuminated but may be turned off from the remote control. The Relentless Preamplifier reverts to volume setting zero when returned to the standby mode or when changing inputs.

Source selection: Push the front-panel button that corresponds to the desired source. The LED in the middle of the front-panel button (red for Zone 1, green for Zone 2) for the active source will illuminate.

Theater Bypass: Input Three can be set for use as a Theater Bypass input. This feature makes it easy to include the Relentless Preamplifier in a multichannel home theater audio system. To set Input Three for this operation, press and hold the Input Three button until the numeric display briefly flashes 75. To use this feature, connect the left- and right-channel outputs



Operation (continued)

of the surround-sound processor to the Relentless Preamplifier's Input Three. When listening/viewing a home theater source, select Input Three. In this mode, the Relentless Preamplifier's volume control is bypassed and volume control for the Zone 1 left and right speakers is controlled by the connected surround-sound processor. To return Input Three to a standard input, press and hold the Input Three button until the numeric display flashes 00.

Note: When Input Three is set for Theater Bypass, this input cannot be selected for Zone 2 operation.

Direct buttons

Standby/Power: Press and hold the main display down to move between standby and operating modes. There will be an audible click. The Relentless Preamplifier defaults to Zone 1 and the Zone 1 LED will also illuminate upon initial turn on.

Mute: The Mute control temporarily turns off volume. Press the display twice to engage mute, and twice again to restore volume. When muted, the volume display will blink green and white and the remote display will go to zero. If the polarity is inverted, the volume will blink white and red.

Back: The Back button returns the remote to the previous menu screen.

Input selection: Press and release the main display to enter the input selection screen. Rotate the knob in either direction to the desired input, then press and release to confirm selection.

Note: If the optional Digital Streaming Module is installed, the coaxial, optical, and network inputs will be available options. Otherwise, only analog Inputs 1-4 will be displayed as available for selection. After selection, the remote defaults to the main screen. Navigate to the Back icon to return to the main screen immediately. The selected input is displayed at the bottom of the remote-control screen.

Zone 2: Navigate to the Zone 2 option and repeat the above to select a source for Zone 2 listening.

Volume adjustment: Rotate the remote control display screen's outer knob clockwise to raise the volume or counterclockwise to lower the volume.

Additional Settings

Balance: To adjust balance, press and release the main display to enter the balance adjustment screen.

The main screen will appear with the volume numerals replaced by -20, -10, 0,+10, +20. Rotate the outer knob counterclockwise to move the sound to the left channel, and rotate clockwise to move the sound to the right channel. Press the display to exit to the main display.

Dark Mode: When activated, Dark Mode blanks out the volume displays, LEDs, and power supply display after 10 seconds of illumination. To select Dark Mode, press and release the main display when the Dark Mode icon is shown. All front panel lights will be disabled unless a change is made using the front panel or remote. During such changes, the LEDs and displays will briefly illuminate and then turn off again. The display will alternate between yellow and black to indicate whether Dark Mode is engaged or not. The numeric display will briefly show DM when placed into this mode.

Polarity: The Polarity control inverts the polarity of the entire system. While the Relentless Preamplifier does not invert polarity, some source devices do, and some recordings are produced with inverted polarity. Because there is no way to know the proper polarity of any given recording, this must be set by ear. Press and release the main display when the Polarity icon is shown. The volume meter and remote-control display will change from green to red when the polarity is inverted. Depending on the recording, the effects of polarity inversion are often

subtle and sometimes even inaudible. The display will alternate between the two different icons to indicate polarity status.

Info: When the Info icon appears, press and release to view unit information.

Back: When the Back icon appears, press and release to return to the previous screen of the remote control.



Remote Control Operation



Remote pairing

The remote control requires an initial pairing to the Relentless Preamplifier. Once paired, the remote control will stay paired to the unit. The process is automatic and instantaneous.

Plug the Relentless Preamplifier into the wall and switch the main AC power to the On position, placing the unit into Standby. Move the power switch on the remote control to the On position. The remote control will pair automatically and display the D'Agostino logo when it is paired. Before the remote control pairs with the Relentless Preamplifier, a small Bluetooth logo will appear at the top of the remote control display. Once paired with the unit, the Bluetooth logo disappears.

The remote control includes a rechargeable lithium-ion battery. Connect one end of a USB-C cable to the USB-C connector on the side of the remote control and the other end to a USB power source. If the power switch is in the Off position, the main display will show the battery's current charge state. If the power is in the On position, the battery indicator above the meter movement will indicate that the unit is charging and display its current charge state.

To begin operating the remote control, move the power switch on the side to the On position. The remote control will connect to the Relentless Preamplifier. If the unit is in standby, the D'Agostino logo will appear on the remote control. If the unit is already operating, the remote control will display the unit's meter display. The meter display shows the current volume setting, balance position, and active input. After one minute of inactivity, the remote control's display will turn off.

Note: If the remote control is not paired to the Relentless Preamplifier, a small Bluetooth logo appears near the top of the main display.



Standby/Power

Press and hold the main display down to move between Standby and operating modes. There will be an audible click when the display is pressed. In Standby, the remote control will display the DDMAS logo. Alternately, when the Relentless Preamplifier is operating, the remote control will display the Relentless Preamplifier meter display.



Input selection

The Relentless Preamplifier remote control defaults to Zone 1 control. To select an input, press the main display down quickly to enter the input selection screen. Rotate the knob in either direction to the desired input and press the main display down quickly to confirm selection.

Note: If the Digital Streaming Module is installed, the coaxial, optical, and network inputs will be available options. Otherwise, only analog inputs 1-5 will be displayed as available for selection. After selection the remote defaults to the main screen. Navigate

to the Back icon to return to the main screen immediately. The selected input is displayed at the bottom of the remote control screen.

Selecting a different source in Zone 2 is the same as Zone 1 but after pressing the main display quickly, navigate to the Zone 2 option and repeat the steps for selecting a Zone 1 input. The same source may be active in both Zone 1 and Zone 2 simultaneously by choosing the Zone 1 + Zone 2 Option.



Volume adjustment

The Relentless Preamplifier defaults to Zone 1 operation. Rotate the display screen's outer knob counterclockwise to lower volume or clockwise to raise volume of Zone 1. To adjust the Zone 2 volume, press the main display down quickly

and navigate to the Zone screen. Navigate between the Zone 1, Zone 2, or Zone 1 + Zone 2 icons to select the Zone(s) for volume adjustment. The Remote control will display which Zone or Zones the remote is currently controlling.



Additional settings

Navigate to the Settings icon and press the main display down quickly to enter the settings selection screen. Rotate the display screen's outer knob counterclockwise or clockwise to locate the setting to be changed. It will now be possible to select from a variety of system settings that further enhance the functionality of the Relentless Preamplifier.



Balance

The balance position is indicated by the gold balance indicator directly underneath the volume needle in the Relentless Preamplifier and remote control display. To adjust balance, press the main display down quickly to enter the balance adjustment screen. The main screen will appear with the volume numerals replaced by -20,-15,-10,0, +10, +15, and +20. Rotate the screen's outer knob counterclockwise to move the sound towards the left channel and rotate the screen's outer knob clockwise to move the sound towards the right channel. Press to exit to the main display. Any balance adjustment will be shown by the gold balance indicator turning red and moving to

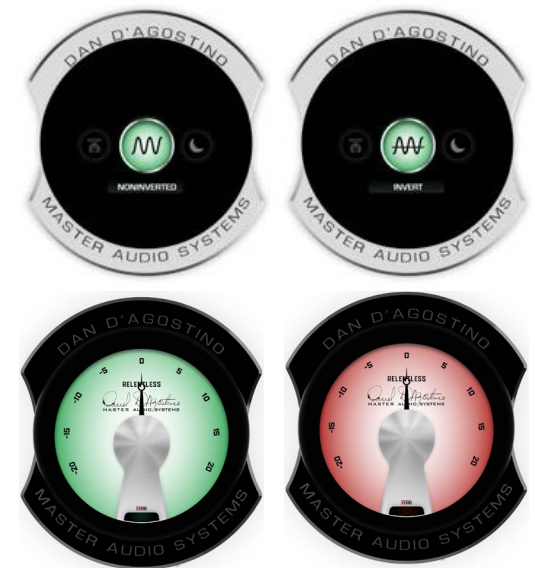


Dark Mode

When activated, it blanks out the volume display, LEDs, and power supply display after 10 seconds of illumination. To select Dark Mode, press the main display quickly when the Dark Mode icon is shown. All front panel lights will be disabled unless a change is made using the front panel or remote. During such changes, the LEDs and displays will briefly illuminate and then turn off again. The display will alternate between yellow and black to indicate whether Dark Mode is engaged or not.

Polarity

The Polarity control inverts the polarity of the entire system. While



the Relentless Preamplifier does not invert polarity, many source devices do, and many recordings are produced with inverted polarity. Because there is no way to know what the proper polarity is, this must be set by ear. Press the main display quickly when the Polarity icon is shown. The volume meter and remote control display will change from green to red when the polarity is inverted. Try listening with the polarity non-inverted or inverted, and use whichever setting sounds better.

Depending on the recording, the effects of polarity inversion are often subtle and sometimes even inaudible. The display will alternate between the two different icons to indicate when the polarity is non-inverted and inverted.



Mute

The Mute control mutes the volume of the currently selected zone temporarily. Press the main display down quickly twice to engage mute, and twice again to restore the volume. When muted, the volume display will blink green and white and the remote control display will go to zero. If the polarity of the Relentless Preamplifier is inverted, the volume will blink white and red.



Language

The remote control defaults to English. To select a different language, highlight the language dropdown to view available options. The additional languages are French, German, Italian, Japanese, Korean, Spanish, Simplified Chinese, and Traditional Chinese.



Info

When the Info icon appears, press and release to view unit information.

Back

When the Back icon appears, press and release to return to the remote control's previous screen.



Digital Streaming Module (DSM)

Network connection

The Relentless Preamplifier needs to be connected to a router with internet connectivity using a wired or wireless connection to take advantage of all the features of the **Dan D'Agostino iOS app**. Through the app, access to your NAS-stored music files and streaming services including Spotify, Tidal, and Qobuz may be accessed.

To link the Relentless Preamplifier to a network, connect the network cables from the router to the RJ45 connector on the back of the Relentless Preamplifier. The Dan D'Agostino App will now recognize the Relentless Preamplifier and provide access to all network-connected drives as well as the included online streaming services. We recommend using the hard-wired Ethernet connection, though it is not required.

For systems that do not have access to a wired connection, Wi-Fi operation is available. To connect, ensure the Wi-Fi antenna included in the Relentless Preamplifier shipping case is connected.

Press and hold the Mute button on the front panel of the unit for 5 seconds or until the Relentless Preamplifier appears as a Wi-Fi network on your iOS device. Additionally, the numeric display will briefly show n, the abbreviation for network. Select this network—the **password** is password. Open the Relentless Preamplifier app and select device setup under the gear (⚙️) icon. Select the Relentless Preamplifier and then Wi-Fi

Network Selection. Choose the home network, enter the password, and join the connected network. After entering the password for the home network, a message will appear on the screen, indicating pending connection to the home network. The Relentless Preamplifier will now appear on the Play To screen. Select the Relentless Preamplifier and music will now be sent to the Relentless Preamplifier for playback.

Note: The Network input must be selected on the Control Screen (🎚️) for streaming internet, cloud, or network music. The Relentless Preamplifier will automatically switch to the Network input when the play button is pressed on streaming, cloud, or network music.

Basic setup for use with the optional Digital Streaming Module

While you can use the Relentless Preamplifier on its own for use with analog sources, an iOS device is required to take advantage of the digital functionality. Download the free Dan D'Agostino app, Relentless Preamplifier from the Apple Store. Once the app is installed, you can launch it from the phone or tablet by tapping on the Dan D'Agostino Master Audio System's icon.

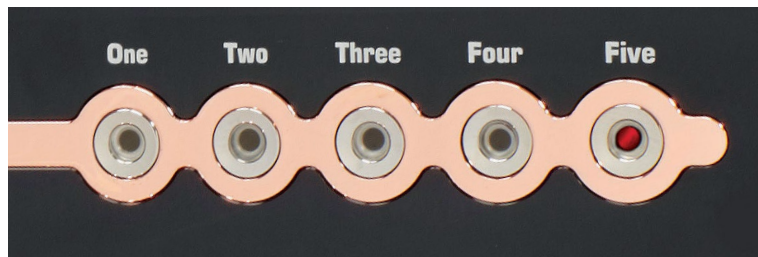
The settings page is accessed via the upper left gear icon (⚙️). Network, cloud, and app setup are available in this area. In the upper right corner is a 3-slider icon (🔍) which

opens the control page to select source inputs and additional preamplifier functions.

Press the gear button on the upper left to access the settings page. If using a Wi-Fi connection, it will only be necessary to select the network and enter a password. This step is not required if using a hard-wired Ethernet connection.

Digital Input Selection from the Front Panel

Once the optional Digital Streaming Module is installed in the Relentless Preamplifier, Input 5 is now used to select digital inputs. Pressing the Input 5 button will cycle through the various digital inputs. Input 5 defaults to the analog input and will return to analog input operation after cycling through the digital inputs.



1. Press the Input 5 button to select the Network Digital input. The numeric display will briefly show S, the abbreviation for streaming sources.

2. Press the Input 5 button again to select the USB digital input. The numeric display will briefly show U, the abbreviation for the USB input.

3. Press the Input 5 button again to select the coaxial digital input. The numeric display will briefly show C, the abbreviation for the coaxial input.

4. Press the Input 5 button again to select the optical digital input. The numeric display will briefly show O, the abbreviation for the optical input.

5. Press the Input 5 button again to return to the analog Input 5 source. The numeric display will briefly show A, the abbreviation for the analog input.

If an analog input is then selected, the next time the Input 5 button is pressed, the previously active digital input will be selected. The above Input 5 button press cycle will then be followed on subsequent Input 5 button presses.

Note: All digital inputs are directly accessible when using the iOS Relentless Preamplifier App or Remote Control.

NEED UPDATED SCREENS FOR APP

Operating the Relentless Preamplifier via the app

THE APP ALLOWS CONTROL OF ALL THE BASIC AND ADVANCED FUNCTIONS OF THE UNIT.

● PLAYER SCREEN

When you enter the app, the player screen will appear. The player page includes music transport controls, standby, balance, and access to other screens. Cover art replaces the D'Agostino logo when a music file is selected.

● STANDBY

This button changes the unit for the power on to standby and the reverse.

● SOURCE SELECTION

Press one of the input buttons (Analog inputs 1-5, Coaxial, Optical, USB, or Network) to select these sources. For network-based and internet listening, first select the Network input. Press the Stream button to access network-based and Internet sources, such as Spotify, Tidal, Qobuz, and NAS drives.

● USB

Computers can be connected using a USB-A male-to-USB-B male cable. The USB-A connector is connected to the computer's USB jack and the USB-B connector is plugged into the USB input. The USB input is selected by pressing the USB input selector button on the app. Operation is automatic when connecting Apple computers running macOS to the digital module. When using a computer running Windows OS, bridging software and Windows driver software will need to be installed. A simple solution when using a Windows PC is to install the Roon Labs music player software (subscription required) and the digital module's Windows driver. JRiver software is also a good option when using Windows PC. Please visit the Relentless Preamplifier product page at www.dandagostino.com for additional information on connecting a Windows PC to the Relentless Preamplifier and to download the required Windows driver.



● CONTROL SCREEN

Press the (⌘) button to access the Control screen.

● VOLUME

To adjust the Relentless Preamplifier's volume, move the slider to the right to raise the volume, or left to lower the volume.

MISSING POLARITY

● BALANCE

Move the slider to the left to adjust the balance to the left and move the slider to the right to move the balance to the right. Press the word balance to restore center balance.

● OPTICAL

Press this to use the Toslink optical digital input on the back of the Relentless Preamplifier.

● COAXIAL

Press this to use the SPDIF coaxial digital input on the back of the Relentless Preamplifier.

● DARK MODE

These buttons dim the Relentless Preamplifier's front meters after a period of time for listeners who prefer a dark environment. The bottom row of the Player page includes queue control, favorites selections, stream options, and play to choices. The stream option opens the page that reveals the Internet streaming sources, cloud and network drives that the Relentless Preamplifier can access in the connected system.



UNSURE WHERE THIS BELONGS

● ZONE 1 AND ZONE 2

The Relentless Preamplifier defaults to Zone 1 and the Zone 1 button will illuminate on the app. To control Zone 2, press the Zone 2 button and then all unit controls will be for Zone 2 operation. Press the Zone 1 button to return to Zone 1 control.

● **STREAM SCREEN**

The Stream screen is divided into three sections. The items on this screen will reflect the makeup of a particular system.

● **INTERNET MUSIC**

Accesses the various Internet-based and wireless sources that the Relentless Preamplifier can access. Subscriptions are required for these services.

● **CLOUD**

This section displays the cloud-based locations that have been configured for music storage. For more information, please contact your dealer.



● **LOCAL SERVER**

Displays local networked computers and hard drives through DLNA. For more information, please contact your dealer.

Note: The network input will automatically be selected when any of the streaming sources and music is selected for playback, and has to be selected first on the Control Screen before selecting one of the streaming sources on the Stream Screen.

● **PLAY TO SCREEN**

Once a network source is chosen, press the Play To button and select the Relentless Preamplifier from the list presented. The items on this screen will reflect the makeup of a particular system.

● **QUEUE AND FAVORITES SCREENS**

Queue lists the current music selection being played from network storage locations. Favorites allows you to organize your network stored music into favorite folders and playlists. Streaming music services have their own specific queue and playlist functions.



USING THE RELENTLESS PREAMPLIFIER WITH ROON

The Relentless Preamplifier is Roon ready. You will need a Roon account and the Roon Core installed on your NAS or connected computer. Being Roon Ready means that the Relentless Preamplifier uses Roon streaming technology, for an incredible user interface, simple setup, rock-solid daily reliability, and the highest levels of audio performance, without compromise. The Roon remote can now be used to manage your network, Tidal, and Qobuz music playback. See Roonlabs.com for more information.



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Maintenance

The Relentless Preamplifier requires no user maintenance. To clean the preamplifier, spray a small amount of distilled water onto the supplied microfiber cloth and gently wipe the preamplifier's surface along the direction of the metal grain, with light pressure only. Never use a circular motion or heavy pressure, as this can permanently scratch the machined surfaces. Do not rub the surface with a dry cloth, and do not spray any liquid directly onto the component.

Troubleshooting

If any issues with operation, sound, or functionality arise, set the Relentless Preamplifier to standby and then power it down in the back. Power the unit back on and return to full power by pressing the Standby button. If this reset procedure does not resolve the problem, please contact an authorized Dan D'Agostino Master Audio Systems dealer or distributor.

Specifications

Frequency Response: 0.1 Hz to 120 kHz, +/- 0dB

Distortion: <0.006%, 20 Hz to 20 kHz

Signal-to-Noise Ratio: -105 dB, unweighted, -100 dB, weighted

Gain: +8 or +14 dB, switchable

Inputs: 5 balanced XLR stereo

Outputs/Zone 1: 2 prs balanced XLR stereo

Outputs/Zone 2: 1 pr balanced XLR stereo

Audio and Power Supply Chassis Dimensions (whd):

17 x 3.9 x 17 in / 43.2 x 9.9 x 43.2 cm

Stacked Dimensions (whd):

17 x 13.75 x 17 in / 43.2 x 34.9 x 43.2 cm

Weight: 132 lb/60 kg

Specifications subject to change without notice.



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Standby Mute Polarity Zone 1 Zone 2

28

One Two Three Four Five



Limited Warranty

Dan D'Agostino Master Audio Systems, LLC (DDMAS) warrants the Relentless Preamplicifier against manufacturing defects and defects in materials for five years from the date of purchase from an authorized Dan D'Agostino Master Audio Systems retailer, or six years from the original ship date, subject to the conditions listed below:

1. Warranty covers only new products purchased from an authorized DDMAS dealer.
2. Warranty is non-transferable and is valid only for the original purchaser.
3. Warranty is valid only if the product has been used according to the instructions in the owner's manual. Damage due to accidents, owner abuse, or neglect is not covered under this warranty.
4. All service must be performed by an authorized DDMAS dealer. Damage resulting from service by other parties is not covered under this warranty.
5. Products returned for service must be packaged in the original container and must include a photocopy of the original purchase receipt. If the original packaging is missing, contact DDMAS for a replacement.
6. If the product must be shipped back to DDMAS for warranty service, the customer shall pay shipping costs. DDMAS will pay for return shipping.
7. Before shipping the product to DDMAS for service, the customer must first obtain a Return Authorization (RA) number by calling DDMAS. The RA number must be marked clearly on the outside of the package.
8. Warranty covers only defects in products made by DDMAS. It does not cover incidental or consequential damages, or damages to other products resulting from defects in DDMAS products.
9. U.S. residents: Depending on the state in which you live, you may have other rights not covered in this document. For further information, contact DDMAS.
10. Residents of other countries: The authorized importer or dealer bears direct responsibility for warranty coverage of the product. Please contact the importer or dealer with requests for service under warranty. DDMAS will work with the importer or dealer to ensure that the terms of the warranty are fulfilled.

Together, musical connections.

Please take a moment to tell us you have received your new component and ensure we have your preferred contact information. **Scan the QR code below** to provide your email address so we may serve you more quickly and keep you apprised of our latest innovations.



For questions about this component, product warranty, or other service matters, please reach our team at 480.575.3069 or email us at service@dandagostino.com.

Technical Updates

The most current version of this user manual is available to download at the link below.

SCAN THE QR CODE



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Our products are designed and built by hand in the U.S.A.

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