

OWNER'S MANUAL

# PENDULUM

*Integrated Amplifier*



DAN  
D'AGOSTINO  
MASTER AUDIO SYSTEMS

Welcome to the musical world of Dan D'Agostino Master Audio Systems.  
My team and I thank you for your purchase of the Pendulum Integrated Amplifier,  
and wish you endless high-end listening enjoyment!

A handwritten signature in white ink that reads "Dan D'Agostino". The signature is fluid and cursive, with the first letters of "Dan" and "Agostino" being significantly larger and more prominent than the rest of the letters.

—Dan D'Agostino, Founder & Chief Designer

**T**hank you very much for purchasing the Pendulum Integrated Amplifier. The Pendulum Integrated Amplifier stands out as the perfect focal point for a contemporary audio setup, catering to both analog and digital music enthusiasts. Its captivating blend of performance, dimensions, and features sets the Pendulum Integrated Amplifier apart as the foundation of a truly outstanding music reproduction system.

Externally, the Pendulum Integrated Amplifier embodies the signature style of Dan D'Agostino Master Audio Systems. It showcases the iconic D'Agostino volume meter, now with a contemporary twist. The meter is electronically executed while preserving the timeless aesthetic characteristic of D'Agostino components. This electronic design enables the inclusion of operational information and track data, enhancing the overall user experience.

At the core of the Pendulum Integrated Amplifier lies the fundamental technology of Dan D'Agostino Master Audio Systems. This includes discrete, balanced, direct-coupled circuitry harmonized with a robust output stage, delivering 120 WPC into 8 ohms and 240 WPC into 4 ohms. The amplifier's base is a classic line stage integrated amplifier with three pairs of balanced inputs and one pair of single-ended inputs for turntable use with the optional phono stage. Facilitating subwoofer connection is a pair of balanced preamplifier outputs. For digital playback, the Pendulum Integrated Amplifier may be equipped

with an optional Digital Streaming Module (DSM) that includes Ethernet, optical, HDMI with Enhanced Audio Return Channel (eARC) inputs, and Wi-Fi. It supports native playback of files up to DSD256 and ensures 32-bit/192K PCM accuracy.

Custom iOS apps seamlessly integrate Tidal and Qobuz natively, as well as Tidal and Spotify Connect. These apps offer complete unit and music control.

Crafted in either anodized silver or black aluminum, the Pendulum Integrated Amplifier exemplifies the meticulous beauty inherent in all D'Agostino components. Our team of music enthusiasts and skilled technicians hand-build each unit to provide you with years of uninterrupted musical enjoyment.

Sincerely,

*The Dan D'Agostino  
Master Audio Systems Team*

**“Pendulum embodies the essence of D'Agostino: ingenious engineering, graceful design, and extraordinary sound.”**

## Legal Notifications

Dan D’Agostino Master Audio Systems is a registered trademark of Dan D’Agostino Master Audio Systems, LLC (DDMAS). The information in this owner’s manual is subject to change without notice. Current Version 1.0 of this manual was produced by the DDMAS engineering, sales, and marketing departments.

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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 **Pendulum Integrated Amplifier in protective packaging**
- 1 **Remote control**
- 1 **Bluetooth antenna**
- 1 **W-Fi antenna (if optional Digital Streaming Module is installed)**
- 1 **AC power cord**
- 1 **Owner’s manual**
- 1 **Microfiber cloth**

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

# Unpacking & Installation

## Removing the component from its packaging

While the Pendulum Integrated Amplifier is still in its case, 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 integrated amplifier during unpacking and installation. The finish of the Pendulum Integrated Amplifier is durable but can be damaged. To protect its pristine surface, we suggest careful handling to avoid abrasion, fingerprints caused by oils from skin, etc. See Maintenance section (page 19) for instructions on cleaning.

## Installation requirements

This component's metal chassis makes it heavier than many other integrated amplifiers, so make sure the surface that will support it can safely hold its weight.

Adequate ventilation must be provided for the unit. There should be at least two inches of clearance above the top. The bottom vents must not be obstructed by thick carpet, dust, etc. We recommend that the unit be installed in an open space to assure proper ventilation. It may be installed in a closed cabinet or equipment closet, but the space must be designed with substantial ventilation at top and bottom; active ventilation (i.e., powered fans) is preferred. Do not place the unit directly on a carpeted floor.



If plugging the Pendulum Integrated Amplifier 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.

## Returning the component for service

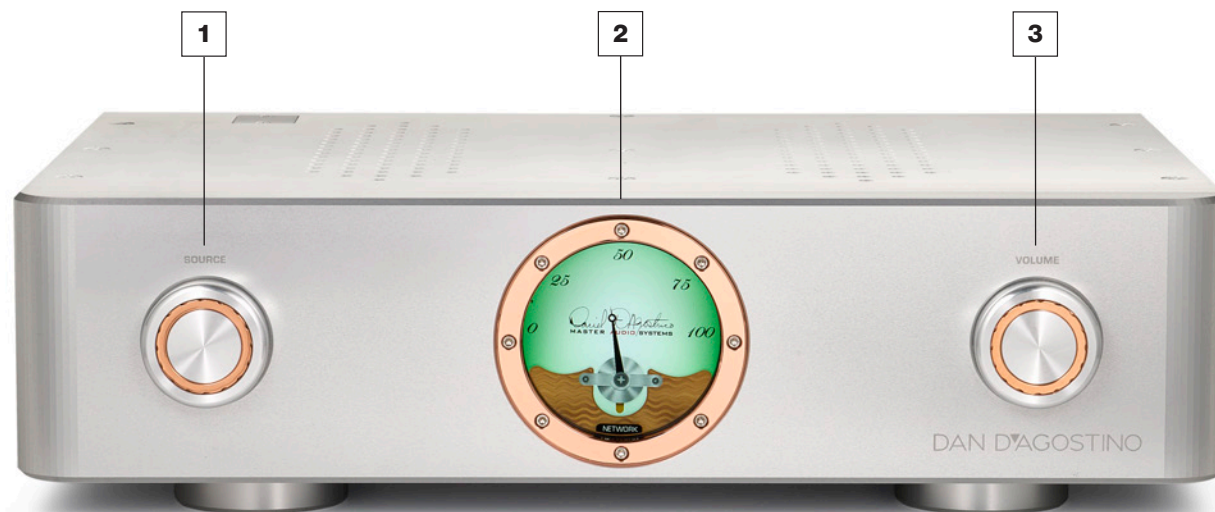
Should the Pendulum Integrated Amplifier need to be returned for service, use the original box and packing materials. To protect the finish during shipping, re-wrap the component in the protective packaging in which it was originally shipped. Make sure the unit has cooled down for at least two hours. Wrapping the unit when it is warm will cause the plastic wrapping to leach into the component's surface and will permanently damage the finish.

## Configuration

The Pendulum Integrated Amplifier is a modular design that can be used with line-level analog sources. An optional phonostage can be added for use with a turntable. Additionally, an optional Digital Streaming Module (DSM) gives access to cloud-stored and locally stored music files (NAS drive, computer, etc.), as well as access to subscription streaming services. Wired network connections are preferred, especially if you are streaming high-resolution audio files to the Pendulum Integrated Amplifier. However, Wi-Fi connectivity is also provided.

### Pendulum Front Panel

- 1 Power, Source, settings selector control
- 2 Multi-function display
- 3 Volume control/Mute knob



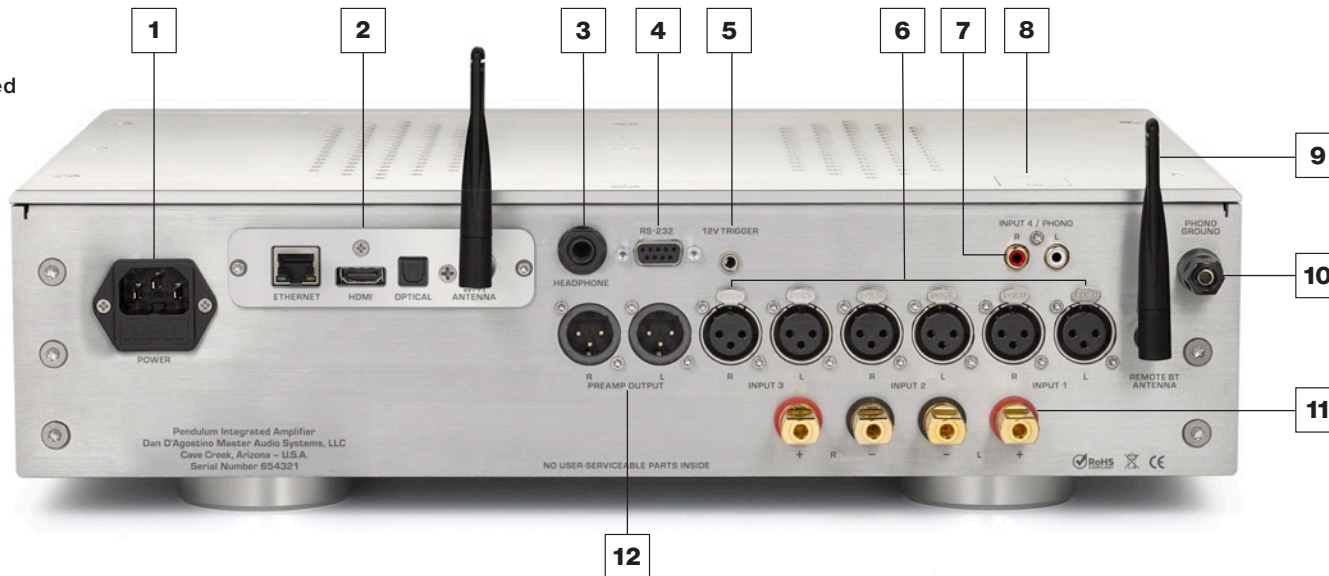
### Remote Control

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



## Pendulum Top and Rear Panels

- 1 IEC AC power socket
- 2 Optional Digital Streaming Module with Ethernet, HDMI, optical and Wi-Fi antenna connections
- 3 Headphone input jack
- 4 RS-232 control connector
- 5 12-volt trigger output
- 6 Balanced XLR input jacks
- 7 Single-ended RCA input jacks (line level or for use with optional phono stage)
- 8 Phono loading access panel
- 9 Bluetooth antenna
- 10 Phono ground
- 11 Speaker terminals
- 12 Preamplifier balanced XLR output jacks



## Optional Digital Streaming Module

- 1 RJ45 Ethernet input
- 2 HDMI input
- 3 Optical input
- 4 Wi-Fi antenna



## Making Connections to the Pendulum Integrated Amplifier

### Speaker cables

Begin by installing the speaker cables. We recommend employing high-quality cables terminated with spade or ring lugs designed to fit the binding posts of the Pendulum Integrated Amplifier. Alternatively, banana plugs are also suitable. It is crucial to note that each positive (+) binding post features a red ring, while each negative (-) binding post has a black ring. Confirm that you are connecting your speaker cable's conductors correctly—red to positive and black to negative. If your cables indicate the desired signal flow, align them accordingly based on the cable manufacturer's instructions or markings.

For speaker cables equipped with spade lugs or rings, gently tighten or loosen each speaker binding post by turning clockwise or counter-clockwise, respectively. When using spade lugs, insert each lug so that its two tines straddle the binding post and then tighten the binding post nut. For ring terminations, remove the binding post nut, place the ring on the binding post, and then replace the nut, securing it tightly. For banana plug terminated cable, simply insert the end into the binding post opening. A secure connection, preventing movement of the spade lug, ring, or banana plug is sufficient. Avoid excessive torque, as it may damage the binding posts. Never use a conventional wrench to tighten the binding posts.

### Interconnect cables

We recommend the use of high-quality balanced XLR audio interconnect cables. If a source device does not offer XLR connections, RCA-to-XLR adapters can be purchased from a Dan D'Agostino Master Audio Systems dealer.

Connect the source devices (CD player, Phono, etc.) to the appropriate inputs of the Pendulum Integrated Amplifier. Connect the XLR or RCA cables to the appropriate jack by pushing the plug into the jack. To release an XLR plug, push on the small tab atop the jack and gently detach the plug. Never grasp interconnect cables by the cable itself, as it can damage the cable. Be sure to connect the left channel to the left channel, and the right channel to the right channel.

Note: Input 4 is a standard line level input when the phonostage is not installed, in which case a separate phonostage is required to enable turntable playback.

Important: If the Pendulum Integrated Amplifier is equipped with the optional phonostage module, do not connect any source other than a turntable to this input.

### Optional Phonostage

Connect a turntable to the RCA phono input. The phonostage module supports moving-coil cartridges



SOURCE

VOLUME

DAN D'AGOSTINO

## Making Connections to the Pendulum Integrated Amplifier Cont.

and offers a variety of loading options via dip switches, accessible through the small panel on the top cover of the unit. Please consult your phono cartridge owner's manual for the ideal loading selection. Adjust the dip switches to match your phono cartridge's loading specification.

### Phono Resistor Loading Settings

Loading	50Ω	100Ω	250Ω	500Ω	1kΩ	47kΩ
Sw1	1	1	0	0	0	0
Sw2	1	0	1	0	0	0
Sw3	1	0	0	1	0	0
Sw4	1	0	0	0	1	0

### Optional Digital Streaming Module

The Digital Streaming Module has connections for optical and HDMI sources. An Ethernet connection via RJ45 and a Wi-Fi antenna input are also included. One of these must be used as a network connection and is required to utilize the network capability of the Digital Streaming Module, and an Internet connection is needed to access streaming services such as Tidal, Qobuz, or Spotify. If available, we recommend using the hard-wired Ethernet connection. Alternatively, attach the Wi-Fi antenna for wireless operation.

The Ethernet cable pushes into the connector and locks. To remove the cable, carefully press the tab on the underside of the connector and gently pull the cable out.

The HDMI input includes Enhanced Audio Return Channel (eARC) functionality and is the default mode. This is for use with TVs that also include this feature. Insert an HDMI cable into an eARC-equipped HDMI input on the TV. Please consult your TV owner's manual for proper operation.

### AC cord

The Pendulum Integrated Amplifier is supplied with a high-quality AC cord tipped with a 15-amp IEC connector at one end, and a three-conductor AC plug at the other end. You may use a different power cord, if it is tipped with a 15-amp IEC connector and a three-conductor AC plug. After all cables are connected, push the IEC connector on the power cord into the IEC socket on the rear panel of the unit.

If plugging the Pendulum Integrated Amplifier 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.

### 12-volt trigger output

The 3.5 mm jack transmits a 12-volt DC control signal. The 12-volt trigger output connects to a 12-volt input on any device that accepts a 12-volt DC control input, and will move the connected component to full power when the Pendulum Integrated Amplifier goes from standby to operating mode. The connected unit will move to standby when it goes from operating to standby mode.

### **RS-232 input**

The DB9-type input allows the Pendulum Integrated Amplifier to be controlled by home automation systems that use RS-232 protocol. Consult a Dan D'Agostino Master Audio Systems dealer for more information.

### **Headphone jack**

The headphone input jack is located on the rear panel of the unit. Insert a set of headphones equipped with a 1/4-inch connector, or use a 1/8-inch-to-1/4-inch adapter for headphones equipped with a 1/8-inch plug.

### **Bluetooth antenna**

Affix the included Bluetooth antenna to the screw post marked Remote BT Antenna. The remote control will not work properly if the Bluetooth antenna is not installed.

## **Front Panel Operation**

### **Initial power-up**

Once the Pendulum Integrated Amplifier is plugged into an AC outlet, it will be on standby mode with the Dan D'Agostino Master Audio Systems logo displayed. Two knobs control all functions of the unit. The left knob is for Standby on/off, input selection, and menu navigation. The right knob controls Volume up/down and Mute functions.

### **Standby**

When the Pendulum Integrated Amplifier is in standby mode, the center display will show the D'Agostino logo. Press the left front panel knob to switch the unit to operating mode. When the power is on, the center display will now show the meter display. Press and hold the left front panel knob to return to standby mode. The D'Agostino logo will illuminate again.

### **Volume**

Turn the right front panel volume knob clockwise to raise the volume and counterclockwise to lower it. The needle in the meter display will move toward the right as you increase the volume and to the left as you decrease it. We recommend turning the volume down when initially powering up the system and raising it when you are assured that all components in the system are operating properly. During normal playback, the needle indicates the selected volume. When balance is adjusted, the needle will indicate the selected balance setting.

### **Mute**

The Mute control temporarily turns off volume. Press the right front panel knob to engage mute, and 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 of the Pendulum Integrated Amplifier is inverted, the volume will blink white and red.

**Input selection**

Rotate the left front panel knob clockwise to the desired source and press the knob to confirm selection. The selected input 1–4 will appear at the bottom of the of the meter display. If the optional Digital Streaming Module is installed, the optical, HDMI, and network inputs will be available. Otherwise, only analog inputs 1-4 will be available for selection. If the phono module is installed, input 4 will be replaced by phono.

## Menu Operation

Press the left front panel knob to enter the menu. Rotate the knob clockwise to the desired option and press the left front panel knob to adjust. The following instructions describe individual functions.

**Balance**

The Balance control lets you shift the stereo balance to right or left. Upon entering the balance mode, the meter display changes and the volume numerals are replaced by -20, -10, 0, +10, +20. Rotate the left front panel knob counterclockwise to move the sound to the left channel and rotate clockwise to move the sound to the right channel. Press the knob to exit to the main display. The adjustment will be shown by the gold balance indicator turning red and moving to the new balance position.

**Dark Mode**

When activated, Dark Mode blanks out the volume display after 10 seconds of illumination. To select Dark Mode, press and release the main display when the Dark Mode icon is shown. The front panel display will be disabled unless a change is made using the front panel or remote control. During such changes, the display 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.

**Display Brightness Mode**

The main display brightness is adjustable from its maximum output down to a softer, dimmer glow. Rotate the left front panel knob and press the knob for the desired brightness level. Navigate to the Back icon to return to the main display.

**Headphone**

Select a source, then press the left knob when the Headphone icon is shown to toggle between headphone or loudspeaker listening. The speaker and preamplifier outputs will be muted.

To restore sound to the outputs, press the main display when the Headphone icon is shown again. The display will alternate between yellow and black to indicate whether the Headphone output is engaged or not.

## **Theater Mode**

The Theater Mode feature allows for easy integration with a multichannel home theater system. To use it, connect the left- and right-channel outputs from your surround sound processor to either input 3 or input 4, provided the optional phonostage is not installed in input 4. This bypasses the internal volume control of the Pendulum Integrated Amplifier and uses the volume control of the surround sound processor instead. The volume controls on both the front panel and remote control of the Pendulum Integrated Amplifier will be disabled during this mode. To engage Theater Mode, navigate to input 3 or input 4 and press and hold the left knob until the input's name changes to Theater. To deactivate, press and hold the left knob until the original input name returns. If the optional phono module is installed, input 4 cannot be set to Theater Mode.

This setup ensures seamless use of the Pendulum Integrated Amplifier in a surround sound configuration without requiring manual adjustment of volume on the component itself.

## **Polarity**

The Polarity control inverts the polarity of the entire system. While the Pendulum Integrated Amplifier 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.

## **System: Wi-Fi activation**

With the Digital Streaming Module installed, the Wi-Fi option will become available. This enables Wi-Fi network operation if an ethernet connection is unavailable. To activate Wi-Fi, use the left knob to highlight the slide bar. Then, press to move the slide bar to the right. Wi-Fi is now enabled and can be configured through the D'Agostino iOS app.

## **System: Factory reset**

This function restores the Pendulum Integrated Amplifier to its original factory settings. Use the left knob to highlight the Gear icon and press to initiate the factory reset. A warning dialog box will appear. Select to apply the factory reset, or select close to abandon the factory reset. If the factory reset is applied, the Pendulum Integrated Amplifier will turn off completely and then return to Standby.

## **Back**

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

## Remote Control Operation

The Pendulum Integrated Amplifier remote control uses bi-directional Bluetooth technology and features a display screen that mirrors the display on the unit's front panel. It also functions as the main navigational device for adjusting options and selecting various operations.

### Remote pairing

The remote control requires an initial pairing to the Pendulum Integrated Amplifier. Once paired, it will stay paired to the unit. The process is automatic and instantaneous.

Plug the Pendulum Integrated Amplifier 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. It will pair automatically and display the D'Agostino logo. Before the remote control pairs with the Pendulum Integrated Amplifier, a small Bluetooth logo will appear at the

top of the remote-control display. Once the remote control is paired, 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. With the power switch 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 operate the remote control, move the power switch on the side to the On position. The remote control will connect to the Pendulum Integrated Amplifier. 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 Pendulum Integrated Amplifier, a small Bluetooth logo appears on 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 mode, the remote control will display the D'Agostino logo. Alternately, when the unit is operating, the remote control will show the unit's meter display.

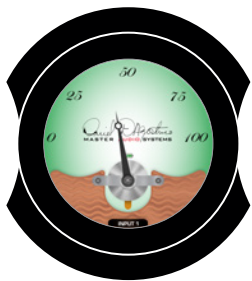
### Input selection

Press and release the main display. Rotate the knob clockwise to the desired input, then press and release to confirm selection.

Note: If the Pendulum Integrated

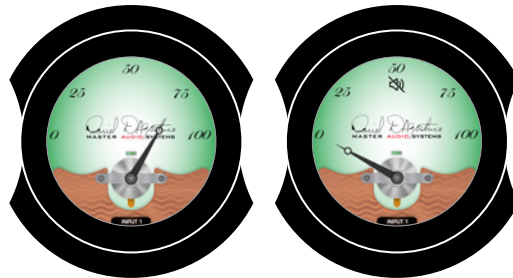
Amplifier has the optional Digital Streaming Module installed, the optical, HDMI, and network inputs will be available. Otherwise, only analog inputs 1-4 will be displayed as available for selection. If the phono module is installed, Phono will be displayed in place of input 4. After selection, the remote control 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.

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### **Volume adjustment**

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



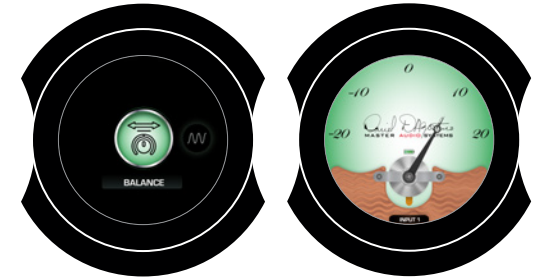
### **Mute**

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-control display will go to zero. If the polarity is inverted, the volume will blink white and red.

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## **Additional Settings**

Press and release the main display of the remote control. Rotate the main display clockwise to the Settings icon and press the display to enter the Settings menu. The following instructions describe functions that can be accessed from the remote control.



### **Balance**

The Balance control shifts the stereo balance to right or left. The balance position is indicated by the gold balance indicator directly beneath the volume needle on the Pendulum Integrated Amplifier and remote-control display. To adjust, 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 of the remote control counterclockwise to move the sound to the left channel, or clockwise to move the sound to the right channel. Press the display to exit. The adjustment will be shown by the gold balance indicator turning red and moving to the newly selected balance position.



### Dark Mode

When activated, Dark Mode blanks out the volume display after 10 seconds of illumination. To select Dark Mode, press and release the main display when the Dark Mode icon is shown. The front panel display will be disabled unless a change is made using the front panel or remote. During such changes, the display 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.

### Display and Remote Brightness Mode

The display or remote brightness is adjustable from maximum output down to a softer, dimmer glow. Press the main display to select either Display Brightness or Remote Brightness Mode, then rotate to the



desired brightness. Navigate to the Back icon to return to the main display.



### Headphone

Select a source, then press and release the main display when the Headphone icon is shown to toggle between headphone or loudspeaker listening. When headphones are in use, the speakers and preamplifier outputs will be muted. To restore sound to the outputs, press the main display when the Headphone icon is shown again. The display will alternate between yellow and black to indicate

whether the Headphone output is engaged or not.



### Theater Mode

The Theater Mode feature on the Pendulum Integrated Amplifier allows for easy integration with a multichannel home theater system. To use it, connect the left- and right-channel outputs from your surround sound processor to either input 3 or input 4, provided the optional phonostage is not installed in input 4. This bypasses the internal volume control of the Pendulum Integrated Amplifier and uses the volume control of the surround sound processor instead. The volume controls on both the front panel and remote control of the unit will be disabled during this mode. To engage Theater Mode, navigate to input 3 or input 4 and

press and hold the display until the input's name changes to Theater. To deactivate, press and hold the display until the original input name returns.

Note: If the optional phono module is installed in the unit, input 4 is not available for use with Theater Mode.



### Polarity

The Polarity control inverts the polarity of the entire system. While the Pendulum Integrated Amplifier 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 polarity is inverted. Depending on the recording, polarity inversion is often subtle and sometimes even inaudible. The display will alternate between the two different icons to indicate polarity status.



### System: Wi-Fi activation

With the Digital Streaming Module installed, the Wi-Fi option will become available. This enables Wi-Fi network operation if an ethernet connection is unavailable. To activate Wi-Fi, use the rotary knob to highlight the slide bar. Then, press and release the main display to move the slide bar to the

right. Wi-Fi is now enabled and can be configured through the D'Agostino iOS app.

### System: Factory reset

This function restores the Pendulum Integrated Amplifier to its original factory settings. Use the rotary knob to highlight the Gear icon. Press and release the main display to initiate the factory reset. A warning dialog box will appear. Select to apply the factory reset, or select close to abandon the factory reset. If the factory reset is applied, the Pendulum Integrated Amplifier will turn off completely and then return to Standby.



### Back

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

## Digital Streaming Module

### Router

In order to utilize the complete feature set of the Pendulum Integrated Amplifier, it must be connected to a router with Internet connectivity using a wired or wireless connection. Access NAS stored music files and streaming services including Spotify, Tidal, and Qobuz through the dedicated iOS app. A wired connection from the Pendulum Integrated Amplifier to the router is preferable, but Wi-Fi is also

acceptable. Please consult the dealer for network options. Download the D'Agostino DSM (Digital Streaming Module) app from the Apple App Store. See pages 17 and 18 for D'Agostino DSM app operation.

### Hardwired connection

Use an Ethernet cable from the RJ45 Ethernet jack on the back of the unit to one of the outputs of the router, network switch, or an access point, depending on installation.

### Wi-Fi connection

Using an iOS device, navigate to the Wi-Fi network settings page and select the Pendulum Integrated Amplifier network. Enter *password*, all lowercase, for the password. Select the gear on the upper left corner of the main page of the D'Agostino DSM app. Select Device Setup and then select Pendulum Integrated Amplifier. Tap the Wi-Fi Network Selection option and select the Wi-Fi network to which the Pendulum Integrated Amplifier will be connected. Enter the network password and tap Join This Network. The unit will now be connected and ready to access music. Go to the Main Settings page and select Pendulum Integrated Amplifier. Go to the Main page, navigate to the Play To page, and select Pendulum Integrated Amplifier. The app will now control the Pendulum Integrated Amplifier.



### Basic setup of the optional Digital Streaming Module

While the Pendulum Integrated Amplifier can be used with analog sources, an iOS device is required to use its digital functionality.



# Using the App: Basic & Advanced Functions

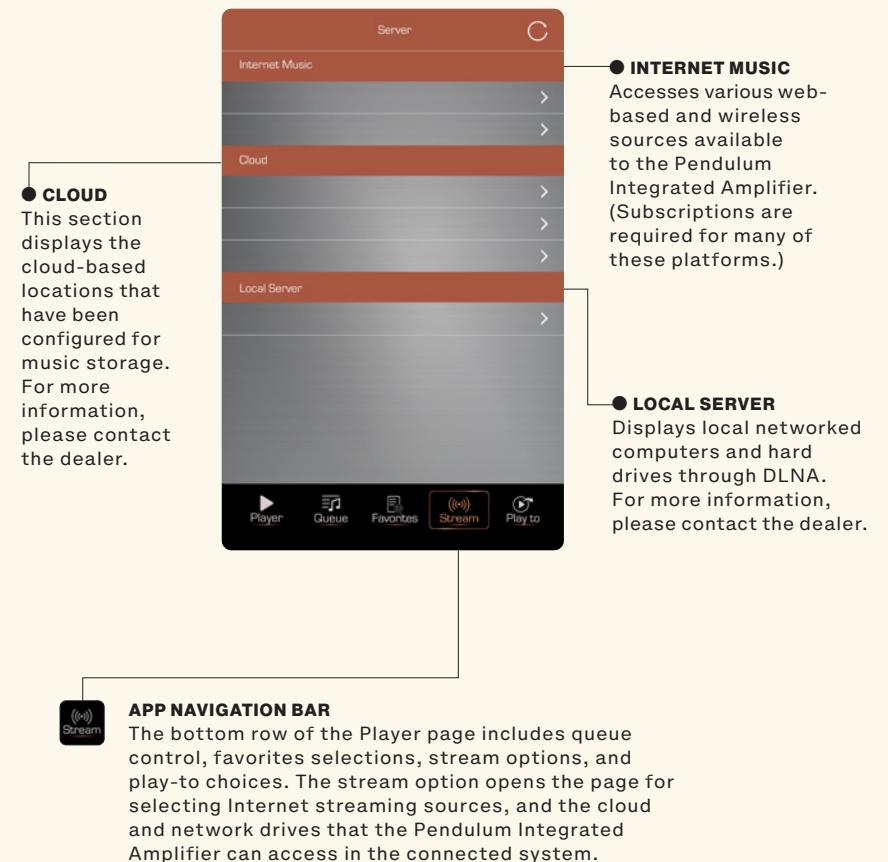
## Player screen

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



## Server screen

The Server screen, accessed from the Stream icon on the bottom right of the App Navigation Bar, displays streamed media, including Internet Music, Cloud-based, and Local Server sources.



# Using the App: Main Controls

## ● SOURCE SELECTION

Press one of the four analog source buttons (Input 1, 2, 3, or 4) or one of the three digital source buttons (Network, Optical, or HDMI) if the Digital Streaming Module is installed. If the phono module is installed, Phono will be displayed in place of input 4. The Network button accesses network-based and Internet sources, such as Spotify, Tidal, Qobuz, and NAS drives.

## ● OPTICAL

Press this to use the Toslink optical digital input on the back of the Pendulum Integrated Amplifier.

## ● DARK MODE

Dark Mode operates the same way as when activated from the front panel or remote control. To select Dark Mode, press the Dark Mode button. All front panel lights will be disabled unless a change is made using the front panel or remote control. During such changes, the LEDs and displays will briefly illuminate and then turn off again.



## ● HDMI

The HDMI input on the Pendulum Integrated Amplifier supports Enhanced Audio Return Channel (eARC). This feature improves the transfer of high-quality audio from a TV to audio devices. Additionally, eARC offers enhanced bandwidth and a more stable connection, minimizing audio delay and improving synchronization for smooth, uninterrupted playback. This is for use with TVs that also include this feature. Please consult the connected TV owner's manual for proper operation.

## ● POLARITY

Polarity operates the same way as when activated from the remote control. The Polarity button inverts the polarity of the entire system. While the Pendulum Integrated Amplifier 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 the Polarity button to alternate between the non-inverted and inverted settings. The volume meter 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.

## ● HEADPHONE

Headphone operates the same way as when activated from the front panel or remote control. Select a source to listen to and then press the Headphone button to toggle between headphone or loudspeaker listening. The outputs will be muted. To restore sound to the outputs, press the Headphone button again.



### Maintenance

The Pendulum Integrated Amplifier requires no user maintenance. When cleaning, spray a small amount of distilled water onto a microfiber cloth and wipe along the direction of the metal grain with light pressure. Never use a circular motion, as this can scratch the surface. Do not use a dry cloth, and do not spray liquid onto the component.



### Troubleshooting

If any issues with operation, sound, or functionality arise, set the unit to standby, then unplug and re-plug the power cord into the IEC power socket. Return to full power by pressing the Standby button. If this reset procedure does not resolve the problem, contact an authorized Dan D'Agostino Master Audio Systems retailer or distributor.



### Contact Us

For questions about this component, product warranty, or other service matters, please reach out to us at:

**480.575.3069**

**service@dandagostino.com**

## Specifications

**Power Output:** 120 WPC @ 8Ω / 240 WPC @ 4Ω

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**Frequency Response:** 20 Hz to 20 kHz, ±0.01 dB

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**Signal-to-Noise Ratio:** 70 dB A-weighted, 115 dB unweighted

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**Power Consumption at Standby:** 35 watts

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**Distortion (full output):** 0.1%, 20 Hz to 20 kHz @ 120 W into 8Ω

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**Analog Inputs:** 3 pr balanced XLR stereo; 1 pr unbalanced RCA stereo

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**Digital Inputs with Optional Digital Streaming Module (DSM):**

1 ea RJ45 Ethernet; HDMI; optical; Wi-Fi

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**Outputs:** Preamplifier: 1 pr balanced XLR stereo; Headphone: 1/4" stereo

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**Dimensions:** (W x H x D) 17.0 x 4.65 x 14.0 in / 43.2 x 11.8 x 35.6 cm

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**Weight:** 35.0 lb / 15.9 kg

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*Specifications subject to change.*



## Limited Warranty

Dan D'Agostino Master Audio Systems, LLC (DDMAS) warrants the Pendulum Integrated Amplifier against manufacturing defects and defects in materials for three years from the date of purchase from an authorized Dan D'Agostino Master Audio Systems retailer, or four 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 code below to provide your email address so that we may keep you apprised of our latest innovations.



# Technical Updates

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

SCAN THE QR CODE



**Dan D'Agostino  
Master Audio Systems, LLC**

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5855 E. Surrey Drive, Cave Creek, AZ 85331

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

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