

WΛDΛX

STUDIO · **PLAYER**



W  
—  
M



 **TIDAL**

# Welcome.

Thank you for selecting WADAX as a part of your music playback system. The Studio Player is a no-compromise design intended for the ultimate in music reproduction. The Studio Player combines a CD/SACD transport and streamer with Atlantis Reference DAC technology in a singular, easy to use, high performance component. Every aspect and parameter have been considered during the design of Studio Player to provide the most engaging and musical playback performance. Please read this manual prior to operation of your new Studio Player so you can optimize the benefits of this component and familiarize yourself with the features it offers. Once installed, allow your component adequate time to break in.

Enjoy the Music!

# Contents

<b>5</b>	Warnings
<b>6</b>	Front View
<b>7</b>	Back View
<b>8</b>	Installation
<b>10</b>	Settings
<b>12</b>	Operation
<b>18</b>	Maintenance
<b>19</b>	Warranty
<b>20</b>	Specifications



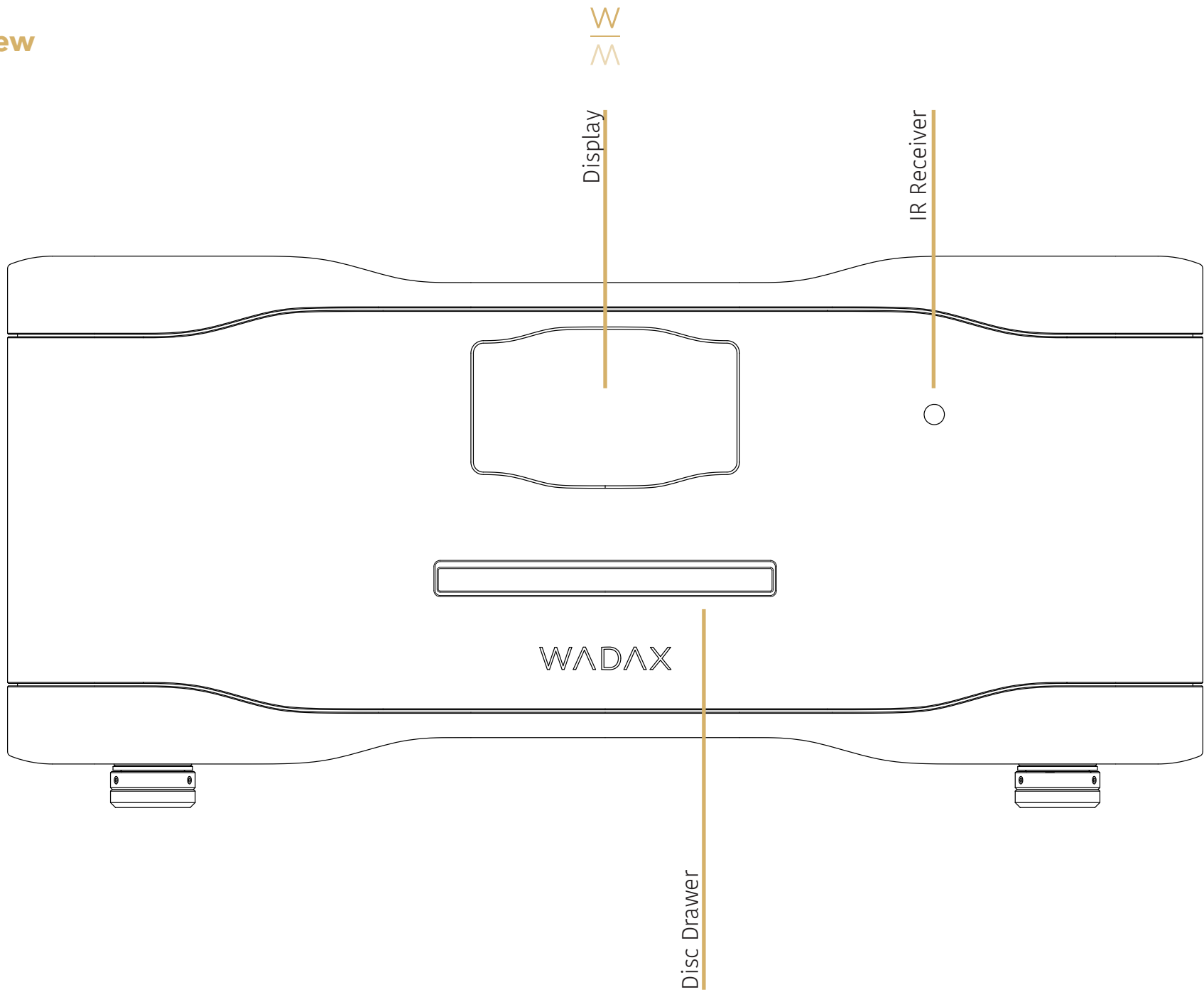
The lightning flash with arrowhead symbol with an equilateral triangle, is intended to alert the user to the presence of uninsulated ‘dangerous voltage’ within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

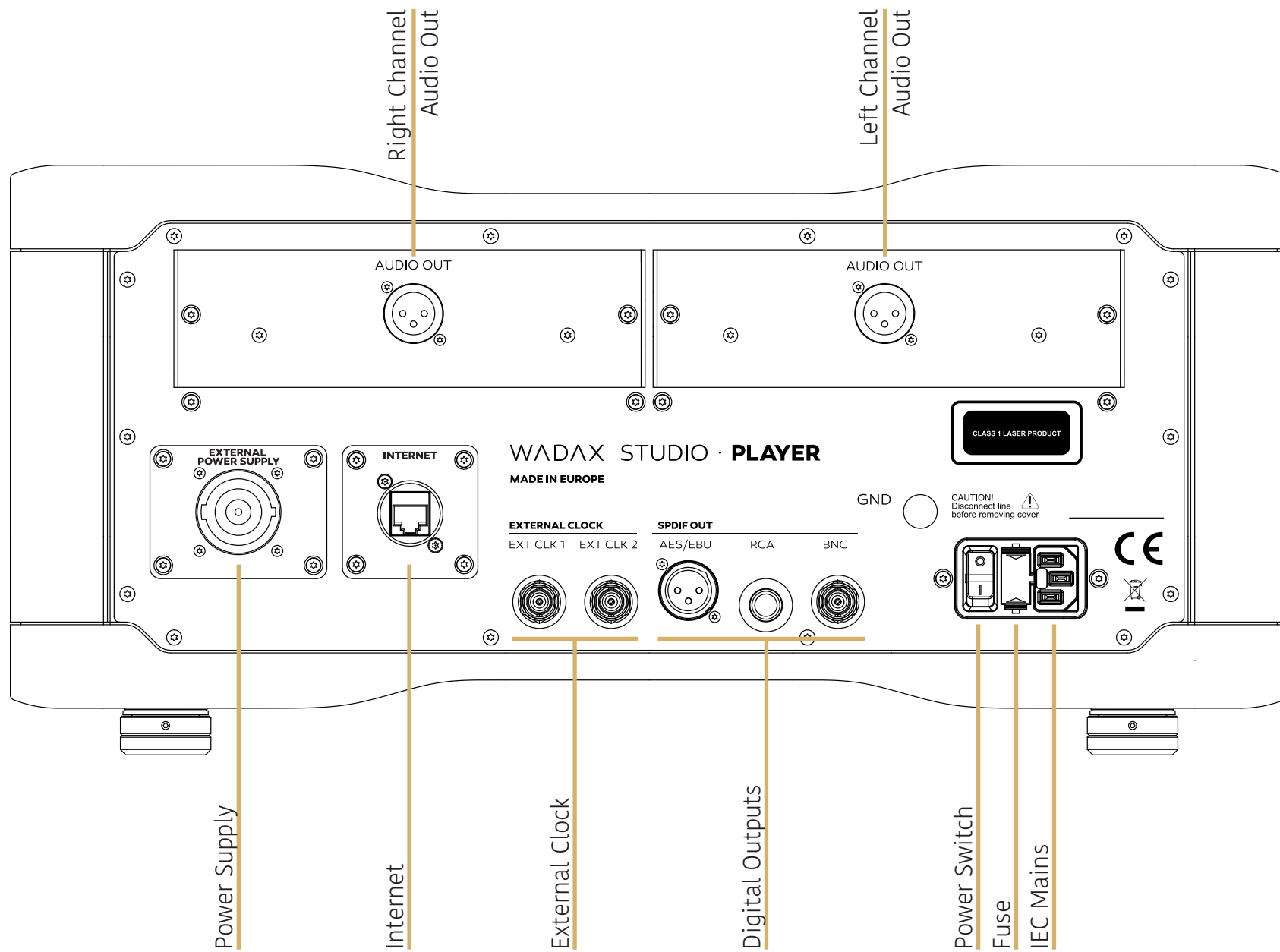


The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (service) instructions in the literature accompanying the product.

- Read and keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install according to the manufacturer’s instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not defeat the purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Studio Player is a Class 1 Laser Product. It complies with U.S. FDA 21CFR subchapter J. This Laser Product is designated as Class 1 during all procedures of operation.
- **Caution** – use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

# Front View





## Installation



After removing Studio Player from its shipping container, place the unit on a flat, stable shelf or surface. Ensure there is adequate space around the Player to provide access to necessary connections and controls.

**Note: Studio Player weighs 30kg/66lb. Two people are required to safely uncrate and move the unit. Ensure your furniture is designed appropriately for this weight.**

Connect the Internet to Studio Player with an appropriate cable from your router to the input marked 'INTERNET'. The most direct connection to your router is preferred. Avoid using switches or other devices in the signal path as they may degrade the performance of Studio Player.

Now connect the audio output (L and R) of Studio Player to the input of your preamplifier or amplifier. Ensure the XLR connectors are properly seated in their sockets. Using quality cables is recommended to provide the best sound quality from Studio Player.

Lastly, connect the IEC mains power cable to the IEC power input connector. Ensure the power rocker switch is set to OFF (O) before connecting the power cable. Studio Player is now ready to be powered on.

**Note: It is good practice to turn Studio Player on before the rest of your system, leaving the amplifier as the final component to be powered on. This will prevent any potential spurious noise that can be generated from power cycling from being amplified and possibly causing damage to speakers or other components in your system.**

You may leave Studio Player on at all times, unless you will not be using your system for an extended period. Studio Player requires nominal power when left powered on, and will provide the best performance.



If you will be using Studio Player as a preamplifier and connecting the unit directly to an amplifier, ensure the volume setting is turned down prior to music playback. Failure to do so could send a loud signal through your system causing damage to speakers or other components. Start with the volume set to 0 and experiment to understand the level of sound output in your system. Also note that varying the output voltage will also affect the sound level independent of the volume setting.

## ADDITIONAL CONNECTIONS

### Digital Outputs

Three digital outputs are offered on Studio Player - BNC, RCA, and AES/EBU. Connect these to an external digital device such as a processor or D/A converter.

### External Clock

These connections are intended for the Studio Clock, a high performance component designed to further elevate the performance of Studio Player. For specific connection instructions, see the manual accompanying Studio Clock.

### Power Supply

This input allows connection to Studio PSU, a high performance power supply which will improve the overall sonics and performance of Studio Player. For specific connection instructions, see the manual accompanying Studio PSU.

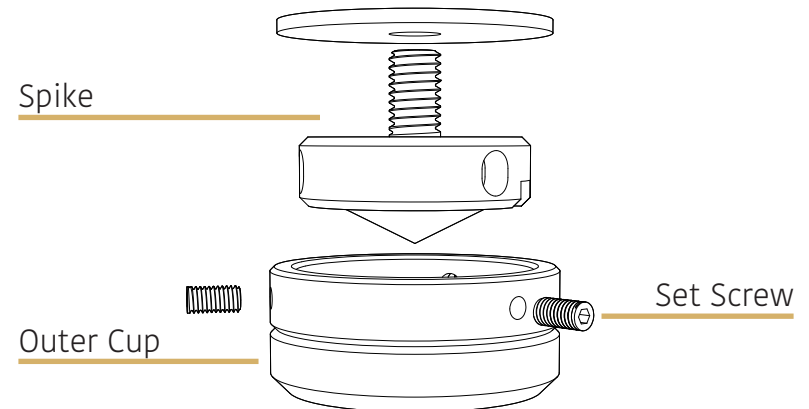
### Ground

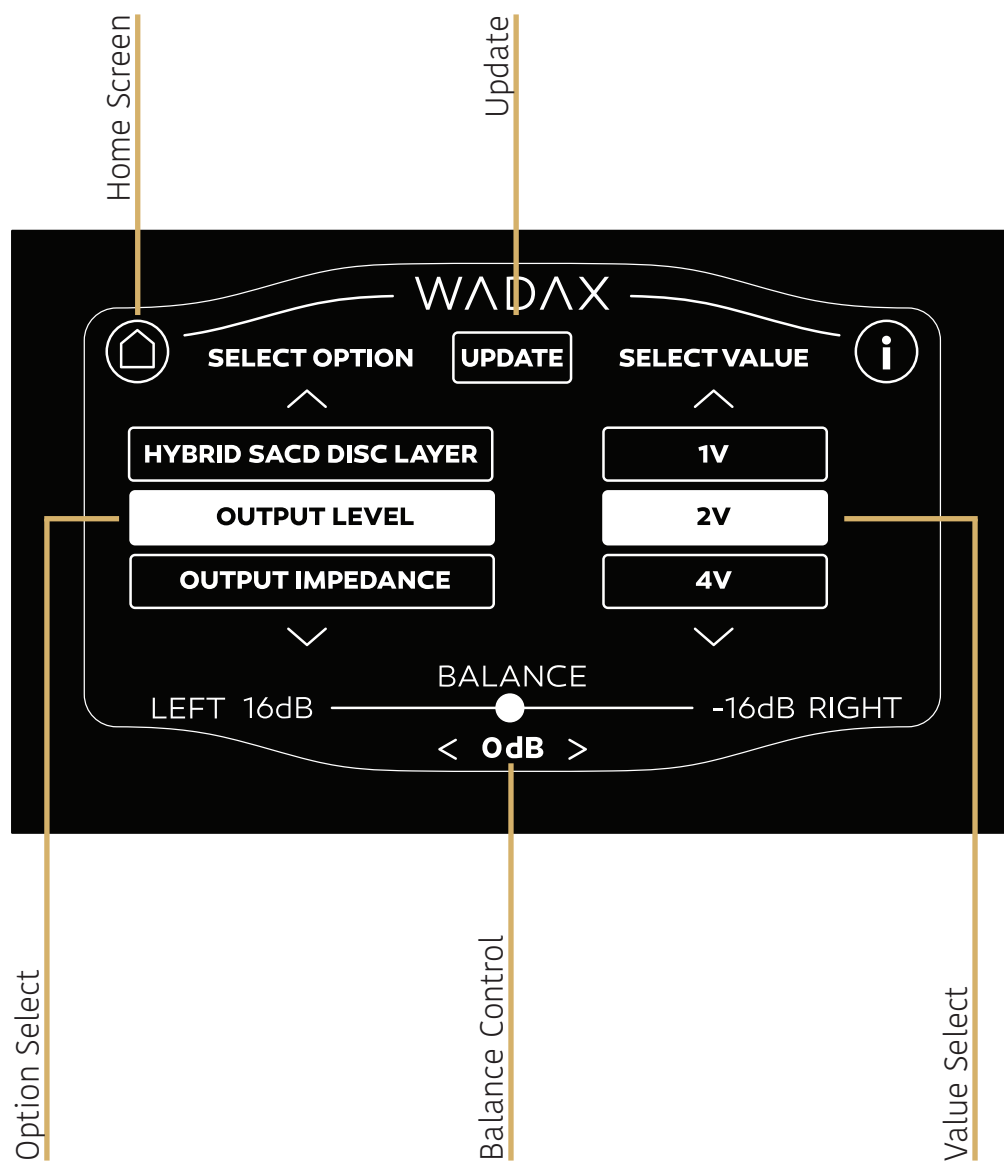
Use the ground post to connect Studio Player to a common ground or as a part of a grounding system.

## ISOLATION FOOTERS

Studio Player is equipped with four isolation footers designed to isolate the player from mechanical interferences. The footers are comprised of a number of parts, shown in the illustration below. Be aware that the outer cup should be loose and should have some movement. Do not attempt to tighten the set screws so the outer cup is immobile.

Occasionally during shipping, vibration causes the set screws to loosen and the outer cup can become detached from the footer assembly. If this occurs, use a 1.5mm allen key to loosen the three set screws in the outer cup. Slide the cup onto the spike, lining up the set screws with the holes in the side of the spike. Once the cup is properly seated, use the allen key to tighten the set screws enough so the outer cup does not fall off, but retains some free movement.





Studio Player offers a series of setup options to optimize both functionality and the performance. To access the setup menu, touch the gear icon at the top left of the home screen. This will take you to a menu with a list of options on the left, and the associated values of each option on the right. Use your finger to scroll up or down to change options or values; the currently selected choice will be highlighted in white. There are five options with user-adjustable values. Channel balance is located at the bottom of the setup screen.

Once you have completed setup, touch the home screen icon at the top left of the settings page to return to the home screen.

**Note: Under normal circumstances, Studio Player will auto update with any new firmware releases. You can check the status of the current software by touching the Update button, and in the event an update is available, you can manually update the player from this screen.**

## SETTINGS OPTIONS

### Output Level

The output level allows you to change the output voltage, and thereby the overall output volume of Studio Player. This is a useful feature when connecting the Player directly to an amplifier and using the internal volume control. The values available for output level is 1, 2, or 4 volts. The output voltage also has an affect on sound. As you change the output voltage from a lower to a higher setting, you will hear a change in the attack of the music; a higher voltage will typically sound more rhythmic and driven. Conversely the lower voltage will be more relaxed and nuanced. Select the output level that works best with your system setup and sound preference.

### Output Impedance

The output impedance adjusts the electrical impedance of the audio signal. Impedance is a measure of electrical resistance, and is a characteristic of all electronic components. Changing the impedance has a dynamic effect on sound and tonal characteristics. The values available for output impedance are 0, 7.4, 7.5, 8.2, 8.3, 8.7, 8.83, 9.8, 10, 28. 30, 46, 50, 66, 75, and 600 Ohms. As you increase the impedance from 0 to a higher value, you should hear a shift from a more pace and articulated sound to a softer and more fluid sense of timing. Careful listening will help select the optimal impedance setting for your system.

### Clock

The clock setting tells Studio Player if you are using the built-in clock or an external device. The available values are internal and external. Select the appropriate value based on your system configuration.

### Phase

Adjust the phase of the audio signal. This can be useful when a component of your system is phase inverted or due to other conditions. Phase values are 0° or 180°.

### Hybrid SACD Disc Layer

This option instructs Studio Player which layer to read when playing a hybrid SACD (a disc with both SACD and ‘standard’ red book CD layers). Values are SACD and PCM. Select the preferred playback layer you want Studio Player to default to playing.



Once you have selected a value for an option and it is highlighted in white, Studio Player will remember your selection. No further action is necessary.

## Operation

Studio Player has a simple, easy-to-use touch screen interface on the front panel. It has been designed to control all functionality of the player efficiently while simultaneously displaying current play mode and metadata, when applicable. Studio Player is certified for Spotify and Tidal; this allows a number of controls from the streaming app as well.

Studio Player has a mains power rocker switch located on the back panel of the unit, next to the IEC mains power connector. Switching the rocker to the On (I) position initiates the power up sequence, and after a few seconds will stop on the main play screen.

### Initial Startup Screen

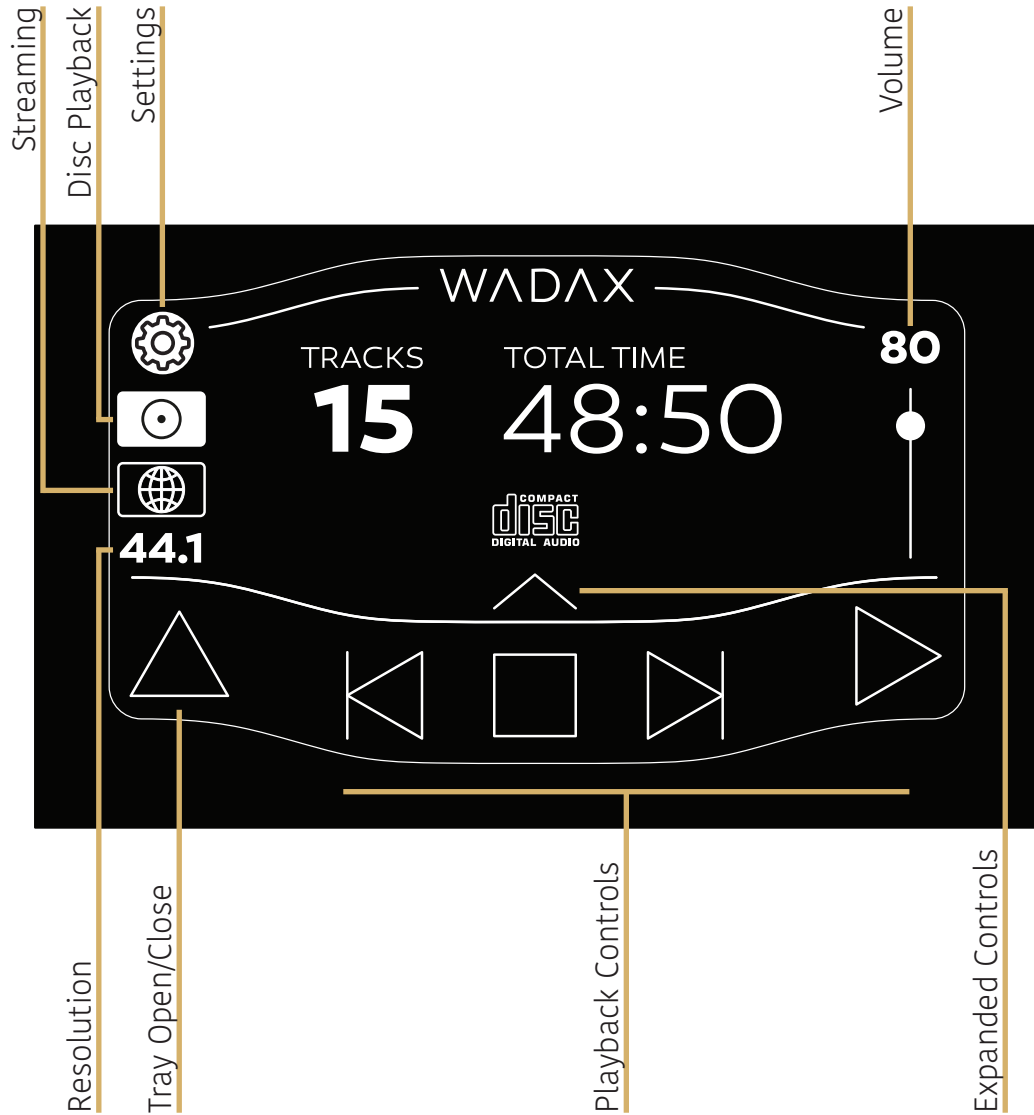


## DISC PLAYBACK

To play a CD or SACD, insert a disc into Studio Player by touching the Tray Open/Close icon on the display. Once the disc has loaded, track and timing information will be displayed as well as the disc type.

Using the controls on the display, initiate playback by touching the play icon. Track skip and stop are also available on the main screen. For additional controls, touch the up-pointing arrow to access icons for seek forward and back as well as repeat function. Touching the repeat icon will toggle from all repeat, single repeat, and repeat off. When repeat is selected, it will be highlighted in white.

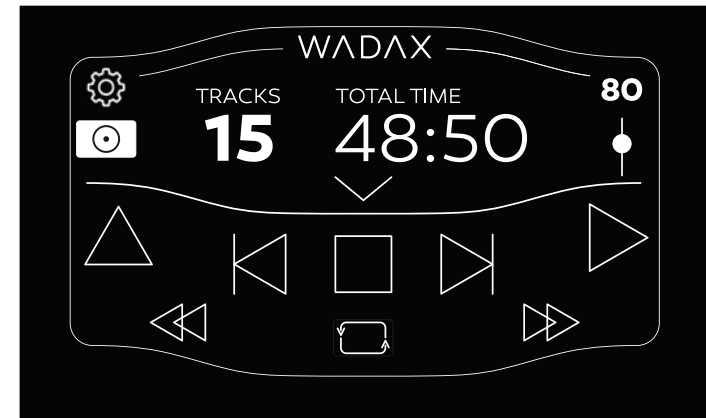
When playing a disc, the disc playback icon in the left column will be highlighted in white. You can toggle between streaming and disc playback by selecting either the disc or streaming icon. You can toggle between streaming and disc without losing your playback location on the disc; Studio Player will remember where you left off.



Studio Player in disc playback mode



Expanded Controls for disc playback (seek forward/reverse and repeat all/one track)



## Operation

### STREAMING PLAYBACK

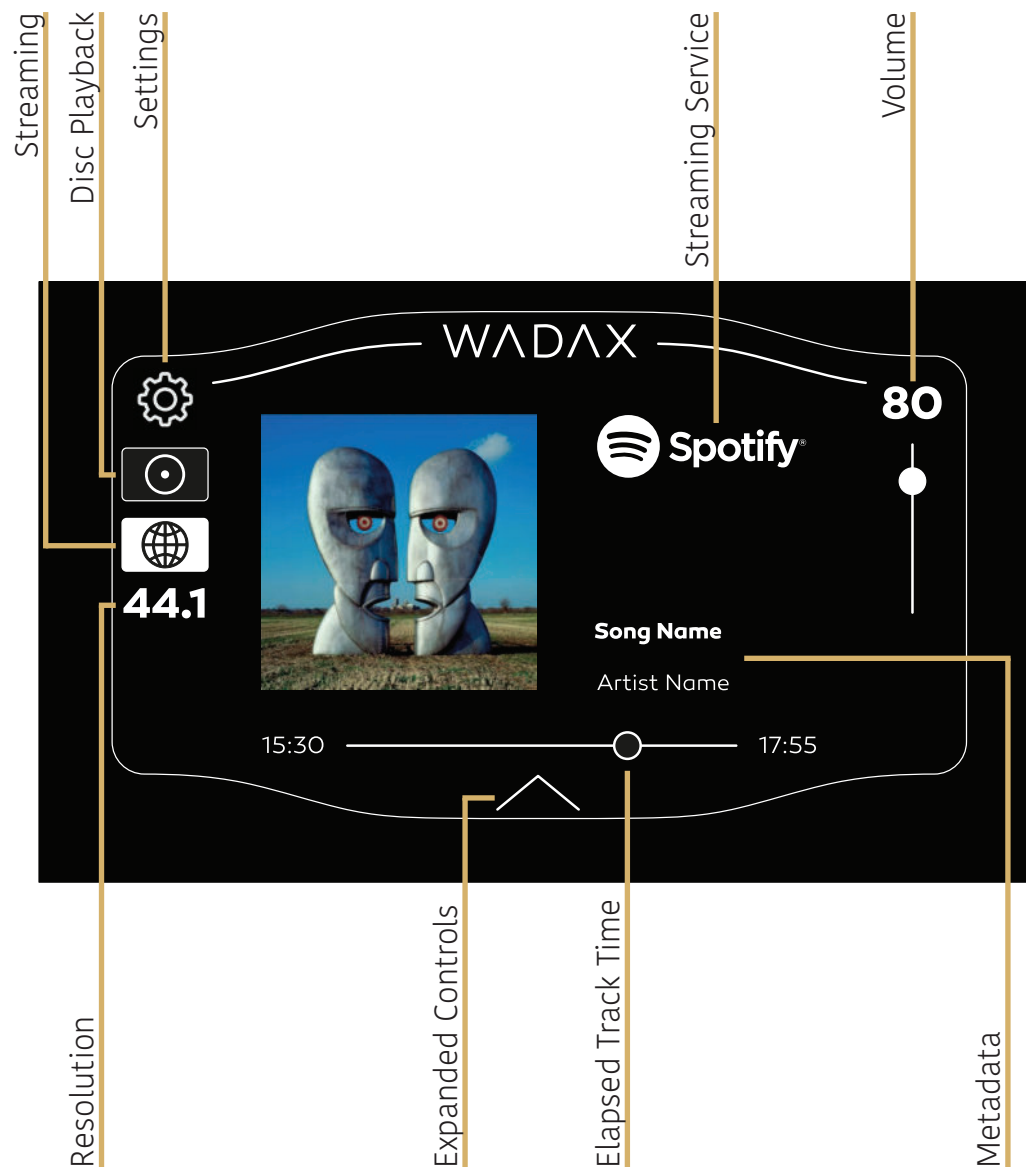
Studio Player is certified for direct connect to Spotify and Tidal. This feature allows you to connect directly to Studio Player from the apps of the three aforementioned services.

To connect to **Tidal**, open the Tidal app. On the player page is a small icon for connect; please refer to the guidelines for the streaming app you are using to identify the connect icon if you are not already familiar with it.

Touch the connect icon and a list of players will display. Select Wadax Studio Player. Once the app connects to the player, the display will show data and album art, and music will begin to play. To change streaming music services, simply open the app of another service provider and follow the same directions to connect to Studio Player. The display will show which streaming service is currently playing.

You can switch between streaming and disc playback by selecting the appropriate icon on the display.

To connect to **Spotify**: Use your phone, tablet, or computer as a remote control for Spotify. Go to [spotify.com/connect](https://spotify.com/connect) to learn how.



## DLNA/UPnP PLAYBACK

Studio Player utilizes DLNA network protocol to connect with other devices in your home. There are numerous software programs available for your computer which will allow streaming of a variety of content to Studio Player. Likewise, many components offer UPnP, such as televisions, gaming consoles, and other entertainment devices.

Connecting Studio Player to a DLNA/UPnP device is similar to connecting to a streaming app. First, ensure your device is UPnP capable. Follow the instructions of your device to navigate to the connection page; if you are using a program on your computer, locate the connect icon or appropriate menu page. Studio Player should appear in the list of UPnP devices; select or click on it to engage it as a playback device. Music will start to play.

As with connect technology explained on the previous page, when using DLNA, you can switch to any other streaming service simply by opening the app and engaging Studio Player.

## Helpful Tips when Streaming

Whether using connect from an app or DLNA, there are a few tips to follow to ensure reliable playback with the best performance.

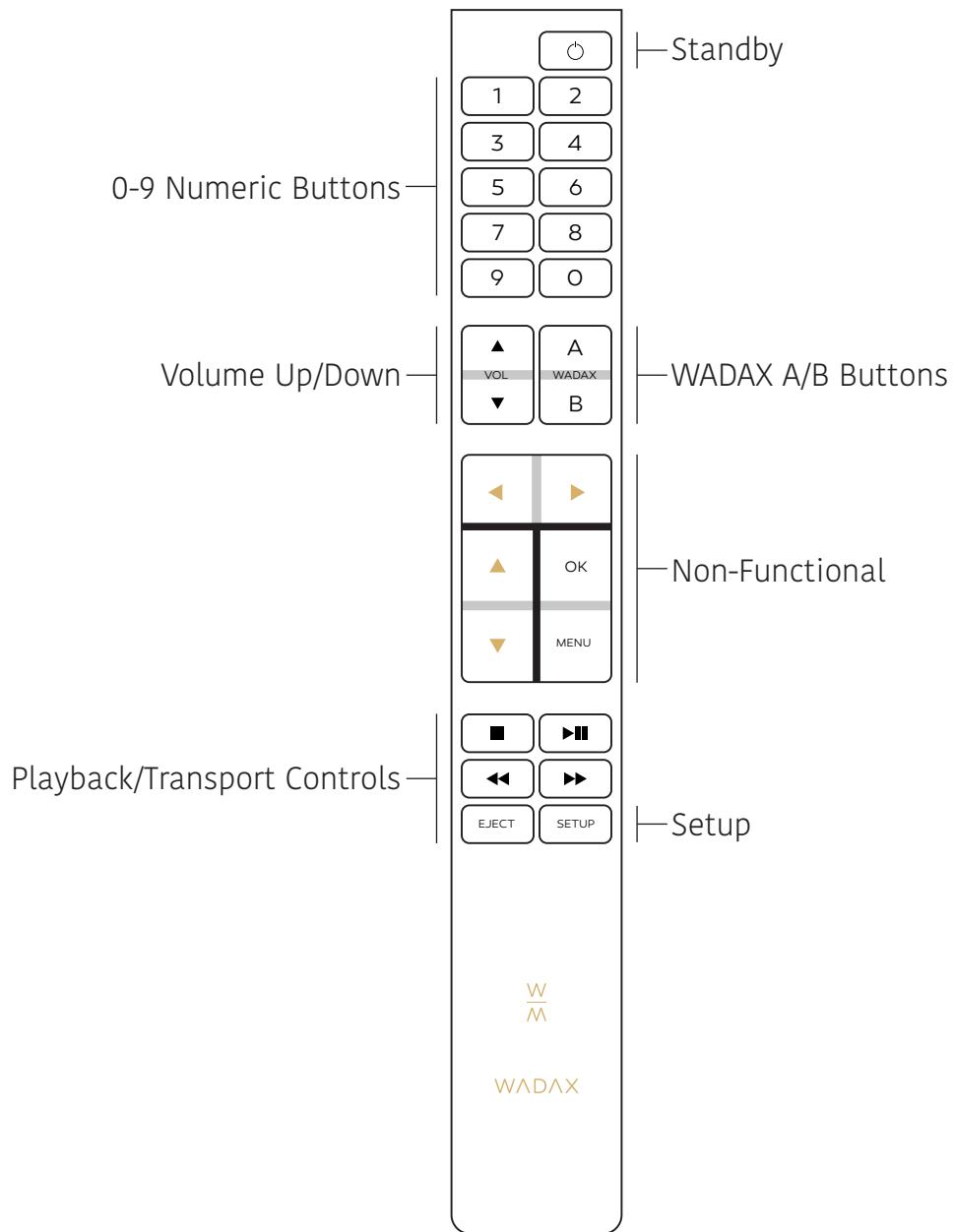
Ensure that Studio Player is on the same network as your computer or device.

Studio Player must be powered on in order to connect to it.

Check the menu settings of your streaming program or device; many offer features such as upsampling, volume normalization, and other digital manipulation technologies. If possible, disengage these features.

If you are using connect from an app such as Spotify, once you start music playback, the device can be turned off. If you are streaming from a computer or other device using DLNA/UPnP, the device must remain on for the duration of playback.

# Operation



## REMOTE CONTROL FUNCTIONS

Studio Player ships with a remote control which allows control of most of the functions and features of the unit. As this remote is designed to control other products than Studio Player, please understand some of the buttons do not have functionality. Most of the functions are universal between streaming and disc playback, but there are few exceptions. Please see below for an explanation of the functions of the different buttons.

**Standby** - Puts Studio Player into standby mode. Please note this does not shut down Studio Player; to do so you must switch the power rocker switch on the back panel to the OFF position.

**Numeric Buttons** - Provides direct track access when playing disc media. The numeric buttons have no functionality with streaming playback.

**Volume Up/Down** - increase or decrease the output of Studio Player. Note when turning the volume up to maximum (100), Studio Player will display a message explaining LINE output. You can also adjust the volume steps in the setup menu.

**WADAX A/B** - These buttons toggle between streaming and disc playback. A will toggle to disc playback while B will toggle to streaming.

**Playback/Transport Controls** - Stop, Play/Pause, track forward, and track back will work with both disc and streaming.

**Setup** - enters the setup menu. Note that you can not make changes via the remote to the setup menu.

### SERVICE

Warranty claims should be made to WADAX or to your dealer or importing distributor. When returning the product for service, the original shipping container and all packaging should be included with the product; WADAX is not responsible for damage to products returned in non-factory, unapproved shipping containers. All returns for service should include a written description of the problem as well as a copy of the original purchase receipt. Sales receipt should clearly show date of purchase, retailer name and address, product name, and serial number. Failure to include these items could result in a delay of service or denial of warranty claim.

### CLEANING

The finish of your WADAX component is designed to maintain its aesthetic and beauty for many years. From time to time it is recommended to clean the surfaces to remove dust and fingerprints. Use a clean, dry microfiber cloth to wipe the surface gently. Moisten the microfiber cloth with a small amount of water to remove fingerprints or other surface dirt which does not come off with a dry cloth; ensure the cloth is only damp and not wet or dripping. Do not use cleaners or solvents on any surfaces as it may damage the finish.

### DISPOSAL AND RECYCLING

To dispose of this electronic product, do not place in a landfill. In accordance with the European Union Waste Electrical and Electronic Equipment (WEEE) directive effective August 2005, this product may contain regulated materials which upon disposal require special reuse and recycling processing.

Please contact your dealer or importing distributor for instructions on proper disposal of this product in your country. Or, contact WADAX for additional assistance. Packing and shipping materials may be disposed of in a normal manner.



There are no user serviceable parts inside. Risk of dangerous voltages and/or laser radiation exposure if unit is opened. All service work should only be performed by WADAX or an authorized WADAX service center.



### LIMITED WARRANTY

Thank you for choosing WADAX to be a part of your music listening system. Your new component has been designed to provide years of trouble-free use and enjoyment. Your component is covered by a three year limited warranty. The warranty period initiates on the original date of sale from an authorized WADAX retailer. This warranty is limited to the original buyer and is not transferable. This warranty is void if purchased from an unauthorized sales outlet. The specific terms of this warranty may vary from country to country. It is best to obtain warranty services from the importing dealer or distributor in your country of residence.

### CONDITIONS

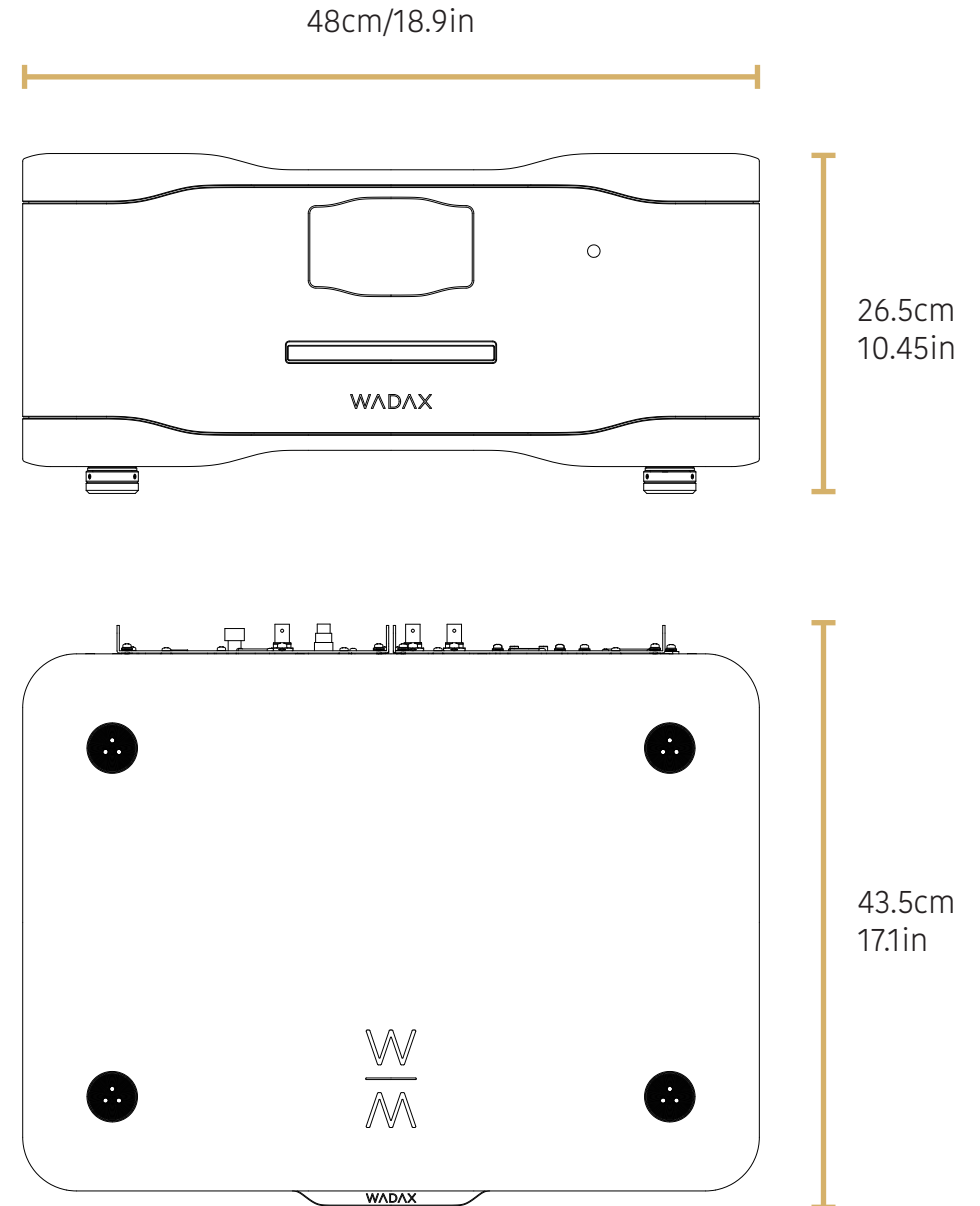
In the event of a failure or defect during the warranty period, WADAX will provide at no charge all parts, labor, and materials necessary to restore the unit to original manufacturing specifications. Upon completion of repair the unit will be returned to the customer free of charge. This warranty does not cover costs of installation or removal, shipping to the service facility, or any other incidental expenses incurred. Additionally this warranty does not cover blemishes (aside from any found at the time of the original sale and claimed within thirty days), loss of data or file corruption, improper use, natural catastrophes, batteries, any apparent attempt to open and/or tamper with the unit, or any other use not in accordance with the instructions of operation set forth in the user manual.

## Specifications

**Voltage Input:** 100/110/220v

**Display:** 5 inch full color

**Weight:** 45kg/99lb (shipping)  
30kg/66lb (Studio Player)



W  
—  
M

W  
—  
M



WADAX SA  
Rondo de Abubilla 33-35  
28043 Madrid  
Spain

[www.wadax.eu](http://www.wadax.eu)