Revelation 2

Phono Preamplifier

User Manual

Constellation

REVELATION PHONO -INPUT SETUP
MC-1
MC Load
47K
Stereo
Mono
High Gain
Low Gain
Default

The Sound of Perfection.

The Constellation Revelation 2 Phono Preamplifier has been engineered to deliver an unmatched combination of sound quality, user-friendliness and flexibility. It employs the same classic phono EQ circuit combined with a technically refined output stage based on the fully balanced Line Stage Gain Modules for which our award-winning line stage preamplifiers are known.

Its performance is elevated to even higher levels with our proprietary Switch-mode Power Supply incorporating core technologies developed for our most elite series components. This extraordinarily musical design necessitated a few changes from the standard operating procedure for typical phono preamplifiers, so we encourage you to read this manual in order to assure maximum performance from your system.

For technical updates, please visit **ConstellationAudio.com**

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Specifications

The Sound of Perfection.
Built with Pride.

We stand behind this Constellation product with our 3-year* pledge, offering customers peace of mind against product defects when purchased new from an authorized Constellation Sales Agent. Action required: The Limited Warranty must be activated within 30 days of purchase. Scan the QR code now.

ConstellationAudio.com / warranty

*Unregistered products are entitled only to the original 30-day Limited Warranty, which commences on the date of purchase. The 3-year Limited Warranty for the extended coverage also begins on the date of purchase. Eligibility for the warranty requires that the product be purchased from an authorized Constellation Audio sales agent and be accompanied by valid proof of purchase documentation. Additional details and exclusions are available at: https://www.constellationaudio.com/warranty-registration.

Installing the Revelation 2 Phono Preamplifier

In case of malfunction

Do not under any circumstances open the cabinet of the Revelation 2 Preamplifier or power supply. There are no user-serviceable parts inside. Opening the cabinet can present a shock hazard even if the AC power is disconnected. Any alteration or modification of the component's internal parts or circuitry will void the warranty. If the component does not function properly, refer to the Troubleshooting section at the back of this manual. If you are still unable to resolve the problem, contact your Constellation dealer. If liquid is spilled on the component, or if any metal object is inadvertently forced inside, immediately disconnect the AC power and contact your Constellation dealer.

Unpacking

Take care removing the Revelation 2 Phono Preamplifier and power supply from their packaging. The dimensions and weight of the aluminum chassis and internal components are greater than you might anticipate. The machined finish is delicate and you may wish to use gloves to avoid leaving fingerprints on the surface.

Installation notes

The Revelation 2 Phono Preamplifier must be located in an area with adequate ventilation so that heat does not build up. There should be at least 6 in/15 cm of clearance between the sides and top of the unit and the nearest wall or cabinet. If the component is installed in a cabinet or an equipment closet, ensure adequate ventilation. Installation in an unventilated cabinet or closet may cause overheating and reduce the lifespan of internal components.

The Revelation 2 Phono Preamplifier operates ideally at an ambient temperature of 70°F/21°C, plus or minus 10°F/5°C. Never install the component in a place where it may be exposed to direct sunlight, and do not install it next to a heater, radiator, air conditioner, humidifier, etc. Make sure the component will not be exposed to moisture. Do not locate it in an area where it can encounter liquids, and do not place it in a humid location, such as an unfinished basement.

Before making or changing any connections to the Revelation 2 Phono Preamplifier, turn off the master power switch on the rear panel of the power supply and let the units cool down. When connecting or disconnecting the AC cord, always grasp it by the plug, not by the cord itself. Pulling the plug out by the cord can damage the cord, the AC socket, and the component itself.

CAUTION: Installing the Revelation 2 Phono Preamplifier in a place where it will be exposed to direct sunlight or moisture, or where it will not have adequate ventilation, will void the warranty.

Connected components

The Revelation 2 Phono Preamplifier is designed to be paired with any high-quality turntable, and with the Constellation Revelation 2 Preamplifier or other high-quality preamplifier. Both balanced (XLR) and unbalanced (RCA) connections are available. XLR will provide the highest quality and lowest noise signals, and should be used when possible. Before making or changing any connections to the Revelation 2 Phono Preamplifier, turn off the master power switch on the rear of the power supply, and turn off the preamplifier and power amplifier(s).

Power Supply Connections

The Revelation 2 Phono Preamplifier uses a separate power supply that must be connected to the Revelation 2 Phono Preamplifier main chassis prior to plugging the unit into the AC wall outlet. Make sure the power switch on the power supply is in the off (O) position. Only the supplied cables should be used between the power supply and the Revelation 2 Phono Preamplifier.

NOTE: The power supplies for the Revelation 2 Phono Preamplifier and other Constellation products are NOT interchangeable. Use only the power supply included with the Revelation 2 Phono Preamplifier.

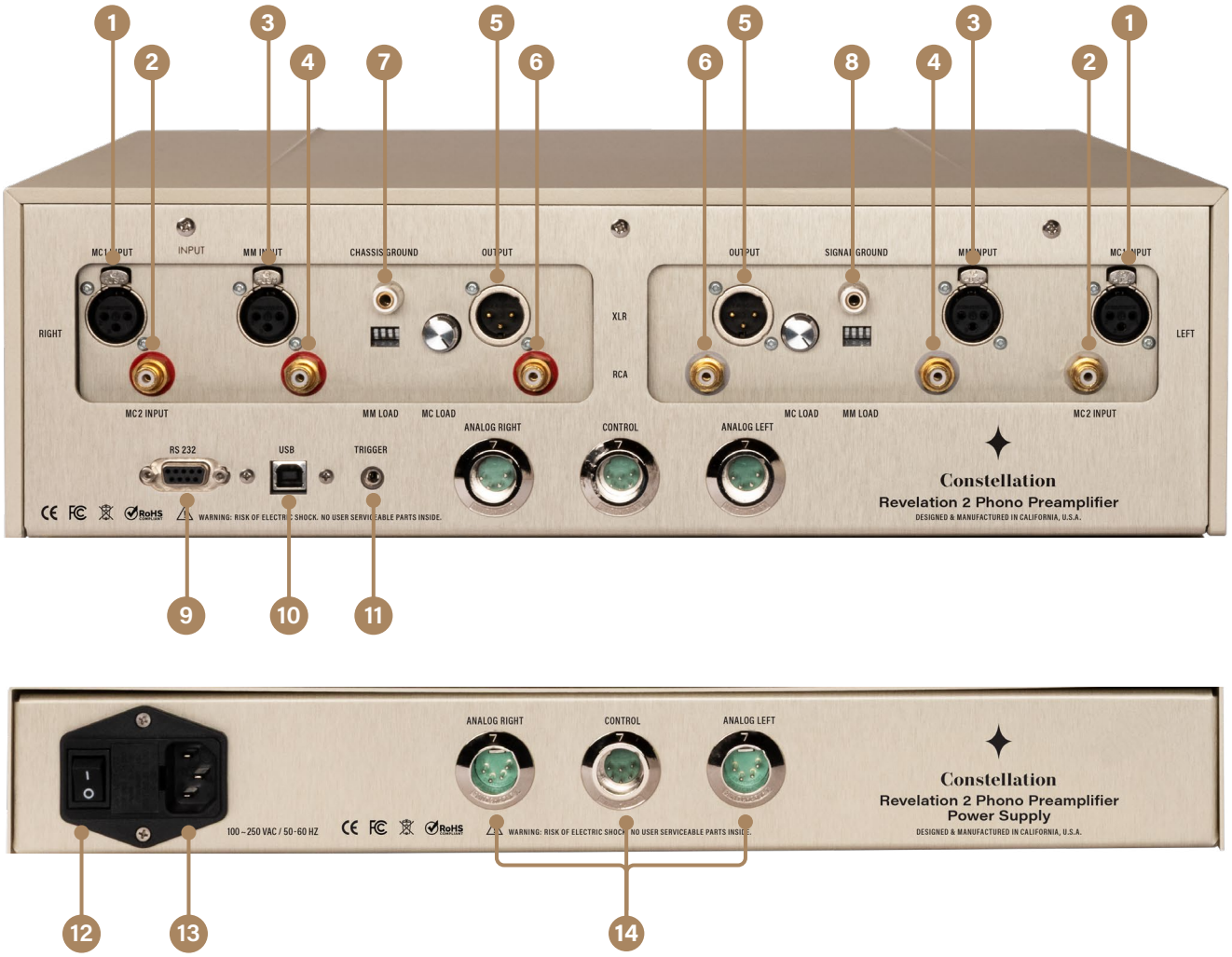
Connect the Analog Right, Analog Left, and Control power cables from the power supply to the corresponding jacks on the phono preamplifier. Next, plug the Revelation 2 Phono Preamplifier power supply into the AC wall outlet. Leave the master power switch off until all other equipment has been connected to the Revelation 2 Phono Preamplifier.

DO NOT remove the power cables while the unit is powered on. If one of them is accidentally disconnected, DO NOT plug it back in. Turn off the power supply using the hard switch on the rear panel of the power supply, unplug the unit, then replace the cable. Failure to power down the unit before replacing a power cable can result in substantial damage to the Revelation 2 Phono Preamplifier.

If using a Constellation amplifier (or any other high-powered amplifier), do not plug the Revelation 2 Phono Preamplifier into the same AC wall socket or into any other outlet connected on that circuit. Constellation amplifiers draw a great deal of power and could affect the performance of the Revelation 2 Phono Preamplifier if it and the amplifier(s) are plugged into the same electrical circuit or AC outlet.

When connecting or disconnecting the AC cord, always grasp it by the plug, not by the cord itself. Pulling the plug out by the cord can damage the cord, the AC socket, and/or the Revelation 2 Phono Preamplifier.

Input and Output Connections



1 XLR MC inputs

The XLR inputs farthest to the outside of the rear panel of the Revelation 2 Phono Preamplifier are for use with MC (moving coil) cartridges. Looking at the rear panel, the left XLR input is for the right channel, the right input is for the left channel. These correspond with input MC-1. Use of XLR connections is recommended for the best possible audio quality. To remove an XLR plug, push on the tab above the jack and pull the plug out.

2 RCA MC inputs

These unbalanced inputs are provided as a convenience for use with turntables having only unbalanced output. Whenever possible, we recommend using XLR connections instead. Connecting to an unbalanced turntable is handled in the same way an XLR balanced source. Looking at the rear panel, the left RCA input is for the right channel, the right input is for the left channel. These correspond with Input MC-2. These cannot be used concurrently with the corresponding XLR inputs; for each input, you can use either XLR or RCA, but not both.

3 XLR MM inputs

The two XLR inputs closest to the center of rear panel of the Revelation 2 Phono Preamplifier are for use with MM (moving magnet) cartridges. Looking at the rear panel, the left XLR input is for the right channel, the right input is for the left channel. These correspond with input MM-1. Use of XLR connections is recommended for the best possible audio quality. To remove an XLR plug, push on the tab above the jack and pull the plug out. These XLR connections cannot be used concurrently with the RCA input below them; for example, you can use either XLR or RCA, but not both.

4 RCA MM inputs

These unbalanced inputs are provided as a convenience for use with turntables having only unbalanced output. Whenever possible, we recommend using XLR connections instead. Connecting to an unbalanced turntable is handled in the same way an XLR balanced source. Looking at the rear panel, the left RCA input is for the right channel, the right input is for the left channel. These correspond with input MM-2. These cannot be used concurrently with the corresponding XLR inputs; you can use either XLR or RCA, but not both.

5 XLR outputs

The two inner XLR connections on the rear of the Revelation 2 Phono Preamplifier are outputs. Looking at the rear panel of the Revelation 2 Phono Preamplifier, the outputs on the left side are for the right channel, the outputs on the right are for the left channel. Be sure to match the output to the correct channel on the preamplifier. To remove an XLR plug, push on the tab on the connector body and pull the plug out.

6 RCA outputs

RCA unbalanced outputs are also supplied for preamplifiers not equipped with XLR jacks. Looking at the rear panel of the Revelation 2 Phono Preamplifier, the outputs on the left side are for the right channel, the outputs on the right are for the left channel. Be sure to match the output to the correct channel on the preamplifier. To remove an RCA plug, grasp it by the connector body and pull the plug out. Do not pull on the cable.

7 Chassis ground

The chassis ground terminal is one of two ground terminals provided on the Revelation 2 Phono Preamplifier. The use of two separate grounds provides more grounding options and will allow the reduction of hum to an absolute minimum. Typically the chassis ground terminal will be connected to the turntable or the motor, while the signal ground terminal will be connected to the ground terminal of the tonearm. However, less hum may result by connecting the chassis ground to the center plate screw on the AC outlet, and grounding both the tonearm and turntable to the signal ground. Experiment and use whichever configuration produces the best results.

8 Signal ground

The signal ground terminal is one of two ground terminals provided on the Revelation 2 Phono Preamplifier. Two separate grounds provide more grounding options and will allow the reduction of hum to an absolute minimum. Typically the signal ground terminal will be connected to the ground terminal of the tonearm, while the chassis ground terminal will be connected to the turntable or motor. However, less hum may result by connecting both the tonearm and the turntable to the signal ground, and connecting the chassis ground to the center plate screw on the AC outlet. Experiment and use whichever configuration produces the best results.

9 RS 232 / control

This connector is used to interface the Revelation 2 Phono Preamplifier with third-party control systems such as those from AMX, Crestron, Control4 and Savant, and also to update the firmware of the component. For more information, contact your Constellation dealer.

10 USB / control

This USB jack interfaces the Revelation 2 Phono Preamplifier with third-party control systems such as those from AMX, Crestron, Control4 and Savant, and also to update the firmware of the component. For more information, contact your Constellation dealer.

11 Trigger output

This 3.5mm jack outputs a 12-volt DC trigger signal when the Revelation 2 Phono Preamplifier is powered on. This signal can be used to automatically turn on a connected amplifier equipped with a DC trigger input, or to trigger home automation systems.

12 Rear power switch

The master power switch for the Revelation 2 Phono Preamplifier is located on the rear of the power supply. The power/standby buttons on the front panel will not function when this switch is flipped down. To power up the Revelation 2 Phono Preamplifier, first flip this switch up, then press the front of the touchscreen and hit the onscreen Power button or the middle button under the touchscreen.

13 AC power input

This input accepts a standard 15-amp IEC AC connector. The AC cord supplied with the Revelation 2 Phono Preamplifier can be substituted with an aftermarket cord, provided it uses a similar connector. Before making this connection, turn the power switch next to the AC input to the off position. Connect the AC cord to the Revelation 2 Preamplifier, then plug the AC cord into the wall or a power conditioner, then turn the power switch of the component to the on position.

14 Power connections

These jacks connect to the power inputs of the Revelation 2 Phono Preamplifier. Special cables designed specifically for this purpose are included. Each of these cables mates with a matching jack on the preamplifier. Be sure to connect the Analog Right, Analog Left and Control power cables from the power supply to the respective jacks on the preamplifier.

NOTE: To preserve true dual-mono operation, the Revelation 2 Phono Preamplifier uses a symmetrical circuit layout. This configuration requires that the component's rear panel connections be laid out differently from those on most preamplifiers. For example, the left-channel connection is on the right side of the rear panel, and the right-channel connection is on the left side. Connecting the cables in the usual side-by-side fashion will result in an incorrect installation and the mixing of sounds from different tonearms or turntables.

15-19 Front panel controls

The front panel includes an LCD touchscreen plus five buttons positioned underneath the display. The functions of the buttons are shown using icons on the touchscreen.

15 Home

This button brings up the Input Select screen no matter which control screen is currently being viewed.

16 Return/back

This button returns to the previous control screen. For example, from the MC Load screen, pushing this button will return to the Input Setup screen.

17 Standby/power

This button powers the Revelation 2 Phono Preamplifier on and off. When the unit is turned on, it requires a few seconds to warm up. When ready for use, the LCD screen will illuminate. Press the mute button to activate the sound. When powering off the Revelation 2 Phono Preamplifier, the unit will enter cool-down mode for 10 seconds. During cool-down, no buttons on the unit will operate.

18 Setup button

Pressing this button will call up the Screen Setup screen, which adjusts contrast, brightness and timeout of the LCD screen.

19 Mute

This button will silence the Revelation 2 Phono Preamplifier temporarily, such as when lowering the tonearm onto a record. Because the component uses a relay to perform the mute function, there is a second-long delay for this control to respond. When the Revelation 2 Phono Preamplifier is in mute mode, an X will appear next to the speaker icon in the lower right corner of the touchscreen. Press the button again to restore the sound.

20 MM (moving magnet) loading adjustment switches

Two arrays of four microswitches each adjust loading for the MM input. Gently flick the switches with a small screwdriver, toothpick, etc., to adjust settings recommended by the cartridge manufacturer, or experiment and use the settings that sound best. Always use the same settings on left- and right-channel switch arrays. The functions for each switch are:

CAPACITIVE LOADING
SW1 and SW2 off: No capacitive loading
SW1 or SW2 on: 100 pF
SW1 and SW2 on: 200 pF

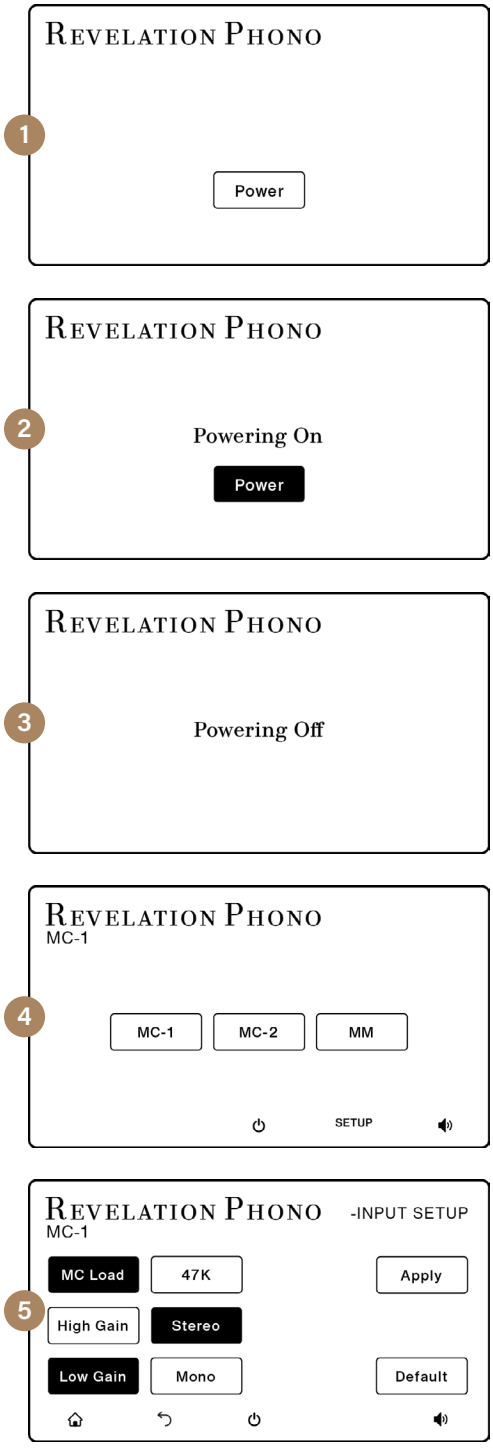
RESISTIVE LOADING
SW3 and SW4 off: 47 kΩ
SW3 on, SW4 off: 33 kΩ
SW3 off, SW4 on: 10 kΩ
SW3 and SW4 on: not recommended

21 MC (moving coil) loading adjustment knob

Turning these knobs adjusts the loading for the MC inputs in a range of 0 Ω to 999 Ω. To see the setting of the knob, push the Setup button on the front panel and select MC Load on the touchscreen. It is not necessary to adjust the left and right channels identically; differences of 1 or 2 ohms are insignificant. If the load is set all the way down (000), no sound will be produced.

Digital Control Screens

Many functions of the Revelation 2 Phono Preamplifier are controlled through the front-panel LCD touchscreen. Control screen functions are described below:



1 Standby

This screen appears if touching the screen when the rear-panel master power switch is flipped up. Pushing the onscreen Power button will power up the Revelation 2 Phono Preamplifier and put it into warmup mode.

2 Powering on

This screen appears after pressing the onscreen Power button while the Revelation 2 Phono Preamplifier is powered down. It indicates that the unit is in warmup mode. No buttons will function when this screen appears. After about 10 seconds, the component will become active and an input screen will appear.

3 Powering off

This screen appears for about 10 seconds after pushing the Standby button under the middle of the front touchscreen while the unit is powered on. It indicates that the unit is powering off and going into Standby mode. No buttons will function when the screen appears.

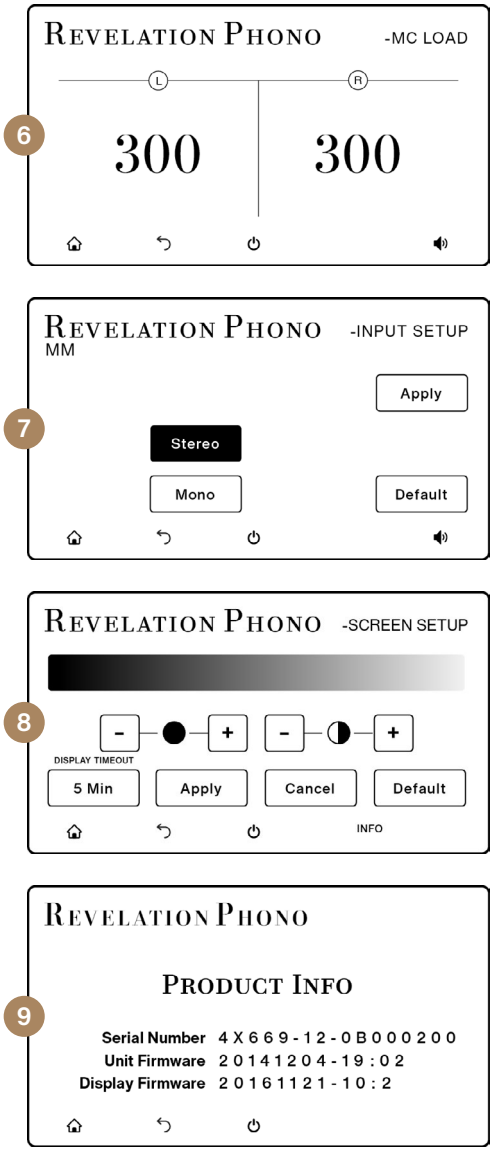
4 Input selector (Home)

This screen appears when the power is on and the unit is warmed up. Touching any input button onscreen will switch to that input. The setup screen can be accessed from this screen using the multifunction button below the display.

5 MC input setup

This screen will appear when pressing the Setup button on the front panel when one of the MC inputs is selected. It allows users to set up basic parameters for each MC input. Press the Apply button to save changes and the Default button to return to factory settings. To set high or low gain: Press either the High Gain or Low Gain button. The current mode is indicated by a darkened button. In the screen shown, low gain is activated. It is recommended to set this by ear, so that the Revelation 2 Phono Preamplifier has a similar output level to other source devices in the system. If the level is too low, select High Gain. If it is too high, select Low Gain. Touch Apply to save changes. To set stereo or mono operation: Press

Digital Control Screens (continued)



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9

the Stereo or Mono button. The current mode is indicated by a darkened button. In the screen shown, stereo is activated. Touch Apply to save changes.

6 MC load

Pressing the MC Load button on the MC input setup screen will cause this screen to appear. It provides a readout of the settings of the load potentiometers on the back of the Revelation 2 Phono Preamplifier. Adjust both potentiometers so that the desired load impedance is shown on the screen. Differences of 1 or 2 ohms are insignificant. If the load is set all the way down (000), no sound will be produced.

7 MM input setup

This screen will appear when pressing the Setup button on the front panel when the MM input is selected. It allows users to set up basic parameters the MM input. Press the Apply button to save changes and the Default button to return to factory settings. To set stereo or mono operation: Press the Stereo or Mono button. The current mode is indicated by a darkened button. In the screen shown, stereo is activated. Touch Apply to save changes.

8 Screen setup

To adjust LCD brightness: Press the + and – buttons on the left side of the screen, on either side of the dark dot.

To adjust LCD contrast: Press the + and – buttons on the right side of the screen, on either side of the half-dark/half-light dot.

To adjust LCD backlight timeout: Press the Timeout button in the lower left corner to keep the screen lit for 15 sec., 30 sec., 1 min., 5 min., 10 min., and always on.

To accept or cancel screen setting changes: Press the Apply or Cancel button, respectively.

To return to the factory default settings: Press the Default button. This will bring up a screen asking, “Are you sure you want to set this device to its default settings?” Hit the Yes button to go to default settings; the No button to cancel.

9 Configuration

This screen is accessed using the multifunction button labeled Info on the screen setup screen. It is for servicing use only.

Operation

Step 1

Before making or changing any connections to the Revelation 2 Phono Preamplifier, ensure the master power switch on the rear of the power supply is turned off, and turn off the power amplifier(s). If the AC has not been connected, connect the unit to the wall AC power socket using the supplied cord.

Step 2

If using the MM input for the first time, use a small screwdriver or a toothpick to set the MM loading switches on the back panel according to the settings recommended by the cartridge manufacturer. Feel free to experiment with different settings.

Step 3

To turn on the Revelation 2 Phono Preamplifier from the front panel, push the Standby button in the middle under the LCD touchscreen. Alternatively, tap the touchscreen, then push the onscreen Power button. When turning on the power, the internal relays of the Revelation 2 Phono Preamplifier will click as the unit goes into warmup mode. The touchscreen will read Powering On. After about 10 seconds, an input screen will appear and the most recently used input will be selected.

Step 4

Select the desired input by pushing one of the onscreen buttons for MC-1, MC-2 or MM. The button for the selected input will go dark.

Step 5

To set up either of the MC inputs, push the Setup button on the front panel. Set the operation for high gain or low gain, stereo or mono, as desired.

Step 6

To adjust resistive loading of the MC inputs, push the MC Load button on the Input Setup screen. The settings of the load knobs in ohms will be displayed. Reach around to the rear of the Revelation 2 Phono Preamplifier and turn the right and left adjustment knobs until the settings are correct for the cartridge in use. Differences of 1 or 2 ohms are insignificant. If the level is set to 000, no sound will be heard.

Step 7

To mute the output temporarily, such as when lowering the tonearm onto a record, push the Mute button. An X will appear next to the speaker icon in the lower right corner of the touchscreen. Press the Mute button again to restore the sound.

Step 8

To turn the system off, stop playback on the source device. Press the Standby button in the middle under the LCD touchscreen. The unit will enter cool-down mode for 10 seconds, during which no buttons will work. After cool-down mode finishes, turn the unit back on again as described in Step 3 above.

Maintenance and Troubleshooting

The Revelation 2 Phono Preamplifier requires no regular maintenance. If the unit's surface becomes dusty, gently wipe it off with a soft dry cloth in the direction of the metal grain; not a circular motion. Do not spray cleaners on the surface. To clean fingerprints from the surface of the unit, spray a small amount of mild window cleaner such as Windex onto a soft dry cloth, then use the cloth to remove the fingerprints. Do not spray the cleaner directly onto the component.

Unit will not turn on

1. First, check to see if the rear master power switch on the power supply is on. If it is, try the following steps in order. After performing each step, touch the LCD screen on the front of the unit. If it illuminates, the unit is functioning correctly and there is no need to continue to the next steps.

▪ Check power cable connections between the wall and the component. Push the plug end and the connector end in firmly.

▪ If the component is plugged into an AC line conditioner, make sure the line conditioner is turned on.

▪ Flip the master power switch on the rear panel of the unit off and on again. This will reset the internal circuit breaker of the component.

▪ Check the circuit breaker for the AC circuit that supplies power to the component. If the breaker is tripped, flip it back on. If it will not turn on, there is likely a short circuit somewhere in the lines or in a device connected to this AC circuit.

▪ Check the power cords for your components to make sure none have been damaged.

▪ If none of these conditions restores power, it is possible one of the internal fuses of the component is blown. Do not attempt to change the fuse yourself—this component requires the use of special fuses that are not commonly available. Contact your Constellation dealer.

Unit is on but no sound is produced

1. Try the following steps in order. If any one of the steps restores the sound, there is no need to continue to the next steps.

▪ Check the correct input is selected. Cycle through available inputs using the front touchscreen controls. Remember that MC-1 and MC-3 are for XLR inputs, and MC-2 and MC-4 are for RCA inputs.

▪ Check that the turntable is on and that the stylus is contacting the surface of the record.

▪ Check the speaker icon in the lower right corner of the touchscreen. If there is an X next to the icon, the unit is in mute mode. Press the Mute button directly beneath the speaker icon to restore the sound.

▪ If one of the MC inputs is selected, push the Setup button under the LCD display, then push the MC Load button on the LCD screen. If the resistive load is set to 000, turn the back-panel MC load adjustment knobs to bring the loading up to the recommended resistance in ohms for your cartridge.

▪ Check the connections between the turntable and the Revelation 2 Phono Preamplifier, and between the Revelation 2 Phono Preamplifier and the preamplifier. If a cable is disconnected, reconnect it. If this does not restore sound, try substituting a different set of cables in order to make sure the original set was functioning properly.

▪ Check the connection between the amplifier and the speaker. Make sure the speaker cable has not come loose. If it has, turn the amplifier off, then re-install the cable.

▪ Check that the volume is at a sufficient level. Do not turn the volume all the way up to check this, as if sound is reestablished while the preamplifier is set to maximum volume, damage can be done to speakers and amplifiers.

▪ If none of these actions restores the sound, contact your Constellation dealer.

Sound seems unfocused

1. Play a CD of typical pop vocals and listen to speakers at an equal distance from both (at least 8 feet away from each speaker). If the vocals seem to come from

between the speakers, they are connected correctly. Alternatively, you can use the "barking dog" test from the *Stereophile Test CD* or a similar phase check test from another test CD.

2. If the vocals seem to come from all around you, make sure that the cables between the amplifier(s) and the speakers are connected properly, with the marked connector or cable connected to the positive (red or +) binding post on the unit, and the unmarked connector or cable connected to the negative (black or -) binding post.

3. If is necessary to change the speaker cable connection, turn the amplifier(s) off first. To avoid possible electrical shock or damage to the amplifier(s), you must discharge the energy stored in the power supply. To discharge the power supply, turn the power off with music playing. It may take up to a minute or so for the sound to stop. After the sound stops, it is OK to change or adjust the cables.

Sound comes from the wrong speaker

If left-channel sounds are coming from the right or vice-versa (i.e., the violins in an orchestral recording comes from the right speaker, not the left), check the cable connections between the turntable and the Revelation 2 Phono Preamplifier and the preamplifier, the preamplifier and the amplifier(s), and the amplifier(s) and the speakers. Make sure left-channel cables are connected to the left channels of all components, and right to the right channels.

Only one speaker is working, or one speaker is playing different music

1. Check the cables between the turntable and the Revelation 2 Phono Preamplifier, and between the Revelation Phono Preamplifier and the preamplifier. Make sure the left channel of the turntable goes to the left input on the Revelation 2 Phono Preamplifier (which is on the right side, viewed from the rear panel), and the right channel to the right input (which is on the left side). On the rear of the Revelation 2 Phono Preamplifier, the left and right inputs are NOT adjacent to each other. They are on opposite sides of the unit.

2. When listening to speakers, check to make sure both speaker cables are firmly connected.

3. If listening to headphones, check to make sure the headphone plug is pushed all the way into the output jack of headphone amplifier.
If using an adapter, make sure the headphone plug is fully inserted into the adapter, that the adapter is fully inserted into the headphone jack, and that the connection between the headphone cable and the headphones is secure.

Excessive hum is heard

1. Check to make sure the ground cables between the turntable and the Revelation 2 Phono Preamplifier are firmly connected.

2. Experiment with various ground connection configurations to see which produces the least hum. The recommended default configuration is to run the tonearm ground to the signal ground connection on the rear of the Revelation 2 Phono Preamplifier, and the turntable/motor ground to the chassis ground. If this produces excessive hum, try grounding both the turntable and the tonearm to the signal ground, and connect the chassis ground to the house ground by wiring it to the center plate screw of the AC outlet.

Visit the Revelation 2 product page of our website for the latest user manuals and product information.

ConstellationAudio.com

Specifications

Revelation 2 *Phono Preamplifier*

Inputs	2 XLR stereo, 2 RCA stereo, 1 USB (for control)
Outputs	1 XLR stereo, 1 RCA stereo, 12-volt trigger
Gain (balanced and unbalanced)	65 dB max
Output noise	-96 dB re 2 V output, 20 Hz to 20 kHz
THD+N	<0.008% 10 Hz-20 kHz
Frequency response	+/-0.10 dB 10 Hz-20 kHz
Load impedance	+/-0.10 dB from 10 Hz-20 kHz (MC input) 5 Ω to 1000 Ω) (MM input) 10 kΩ to 47 kΩ
Input impedance (balanced)	20 kΩ
Input impedance (unbalanced)	10 kΩ
Output Impedance (balanced and unbalanced)	< 5 Ω
EQ	RIAA curve
Weight (phono preamplifier)	24 lbs / 11 kg
Weight (power supply)	11 lbs / 5 kg
Dimensions (phono preamplifier)	17 x 5.5 x 15 in / 43.2 x 14 x 38.1 cm (WHD)
Dimensions (power supply)	17 x 2.75 x 14.5 in / 43.2 x 7 x 36.8 cm (WHD)

Specifications subject to change.

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 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 appliance.

STOP! NO USER SERVICEABLE PARTS INSIDE THIS UNIT.

Do not open the component or remove any of its screws.
Contact Constellation or your dealer if you have service needs.

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

The Sound of Perfection.

Your Revelation 2 Phono Preamplifier is designed to provide many years of trouble-free, maintenance-free service. If you encounter any problems you cannot solve or have technical questions, please contact your Constellation dealer.

ConstellationAudio.com

CONSTELLATION PRODUCTS ARE DESIGNED
AND MANUFACTURED IN CALIFORNIA, U.S.A.

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