

STATEMENT



Constellation stereo and mono owner's manual





GREETINGS! _____

WE ARE PLEASED TO WELCOME YOU TO
THE CONSTELLATION FAMILY.

WE APPRECIATE THE TRUST YOU HAVE
PLACED IN OUR BRAND AND WISH YOU MANY
HOURS OF LISTENING PLEASURE. YOUR
STATEMENT AMPLIFIER IS THE RESULT OF
MORE THAN A DECADE OF HARD WORK,
FROM RESEARCH AND DEVELOPMENT TO THE
FINAL TESTING AND PACKING. TO BRING THE
STATEMENT AMPLIFIERS TO YOU, WE
PARTNERED WITH THE FINEST TALENTS IN
THEIR RESPECTIVE FIELDS, INCLUDING
ELECTRICAL, MECHANICAL, AND SOFTWARE
ENGINEERING, CIRCUIT BOARD LAYOUT,
TECHNOLOGY, ACOUSTICS, METALLURGY, AND
INDUSTRIAL DESIGN. CONSIDERING THE SIZE
AND POWER OF THESE AMPS, THIS WAS NO
SMALL TASK. BUT WE THINK THE RESULTS
SPEAK FOR THEMSELVES.

BEFORE YOU CONNECT YOUR NEW AMPLIFIER,
WE ENCOURAGE YOU TO READ THIS MANUAL
THOROUGHLY. IT WILL GUIDE YOU IN UNPACK-
ING THE AMPLIFIER AND CONNECTING IT TO
YOUR SYSTEM. WE ALSO SUGGEST YOU
RECORD THE SERIAL NUMBER AND COMPLETE
THE ONLINE REGISTRATION. WITH PROPER
CARE AND MAINTENANCE, THIS AMPLIFIER
WILL PROVIDE YOU WITH MANY YEARS OF
EXTRAORDINARY MUSICAL EXPERIENCES.

NOW THAT YOU ARE PART OF
THE CONSTELLATION FAMILY, WE INVITE YOU
TO STAY IN TOUCH WITH US BY LIKING US ON
FACEBOOK, FOLLOWING US ON X AND
INSTAGRAM, AND SIGNING UP FOR OUR
NEWSLETTER. YOUR AUTHORIZED
CONSTELLATION DEALER OR DISTRIBUTOR IS
AN IMPORTANT PART OF THE CONSTELLATION
TEAM. IF YOU HAVE PARTICULAR QUESTIONS
OR NEED ADDITIONAL ASSISTANCE, PLEASE
DO NOT HESITATE TO LET THEM KNOW.

SINCERELY, _____

DR. MURALI MURUGASU, CEO,
AND THE CONSTELLATION AUDIO TEAM

Contents

Warranty information	3
Before you install the Statement amplifier	4
Unpacking	
Installation notes	
In the event of malfunction	
Input and output connections	6
XLR input	
Speaker outputs	
AC power input	
Trigger input/output	
Controls / indicators	7
Step-by-step operating procedure	8
Maintenance	11
Troubleshooting	12
Specifications	14
For more information	15

PLEASE READ THIS MANUAL
BEFORE TURNING ON YOUR
AMPLIFIER FOR THE FIRST TIME.

Thank you for purchasing the
Constellation Statement
power amplifier.

You are now the owner of what we
believe to be the finest amplifier ever
built. Please take a few minutes to
read this manual before you use the
amplifier. Because of its uncompro-
mised design, it requires extra care in
installation in order to deliver maximum
performance. This is especially true of
the Statement Mono, which delivers
double the power of the Statement
Stereo. A few extra minutes of reading
will lead to many years of greater
musical enjoyment.

Limited warranty

New Constellation products are warranted to be free from manufacturing defects for ninety (90) days from date of purchase from an authorized dealer or distributor.

If the product is registered on our website:

<https://www.constellationaudio.com/warranty/register>

Within this period, the warranty shall be extended to three (3) years from the original date of sale. The warranty includes parts and labor. Complete warranty details are on the included warranty card.



CAUTION: NO USER SERVICEABLE PARTS INSIDE. Do not open the amplifier chassis or remove any of its screws. Contact Constellation or your dealer if you have service needs.

WARNING: Do not expose this amplifier 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 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.

Before you install

UNPACKING

NOTE: EACH STATEMENT AMPLIFIER WEIGHS 250 LB./113 KG, AND ITS CUSTOM FLIGHT CASE WEIGHS AN ADDITIONAL 200 LB. / 90 KG. YOU WILL NEED FOUR STRONG PEOPLE TO UNPACK AND INSTALL THIS AMPLIFIER.

Wheel the flight case(s) as close as possible to the approximate location where the amplifier will reside. We include a small dolly in the flight case that will allow you to move the amp out of the case and into position. It's a good idea to wear soft gloves to protect your fingers and help avoid fingerprints on the amplifier.

IMPORTANT: LOCK THE WHEELS ON THE FLIGHT CASE BEFORE ATTEMPTING TO OPEN THE CASE.

The front door of the flight case must be opened carefully by one person while a second person makes sure that the retention block of foam has not moved outwards toward the door. Once this has been established, this block of foam can be removed carefully, again making sure the amplifier does not move forward.

Above the amplifier's cavity in the flight case, there is a small space which houses a ramp containing two high-strength steel pins. These pins must be inserted into the two holes at the front of the opening. Make sure the ramp cannot move.

With at least two people in position, slowly let the amplifier with its dolly roll down the ramp. The amplifier plus dolly can now be moved to the final place where the amplifier(s) will reside.

Use at least four strong people to lift the amplifier off the dolly. Set the amplifier(s) in place making sure that there is no other equipment close to them.

We recommend placing the amps no more than 150mm/6" above the floor. You can place them on a shelf or stand that's higher, but make sure that it can support the amp's 250 lb./113 kg weight.

We do not advise that the amplifier(s) be mounted more than about 150mm/6" above the floor. However, there is nothing to prevent them being placed on a higher shelf.

AC CONNECTION

While the Statement amplifier works well with every AC power standard in any country, the amp requires a large amount of AC mains power if it is to be operated near its maximum power. We strongly recommend you connect each Statement amplifier to a dedicated AC circuit with the highest possible current available, especially if you use speakers with an impedance dip to 3 ohms or below. In countries with 220-240V power, this will be a 10- to 13-amp socket; the latter will provide a maximum of 2900 watts. In the U.S. and most other countries using the 110-120V standard, this will be a 20-amp socket, which provides a maximum of 2400 watts.

DO NOT connect two Statement Monos to the same AC circuit; they pull too much current for one circuit to handle, and will likely trip the circuit breaker often.

The chassis of the Statement amplifiers is grounded via the third pin on the mains socket. DO NOT cut the ground wire or use a ground lift device, as this is against the laws of most countries and is highly dangerous to anyone who comes in contact with the chassis. Should an internal fault occur, lethal voltages could result.

When the main power switch is off, all power is removed from the internal electronics. The switch contains a built-in circuit breaker rated at 20 amps.

Do not plug the amplifier(s) into a power strip or AC line conditioner—few such products are designed to handle the current that these amps can pull.

Before you make or change any connections to the Statement amplifier, be sure to turn off the master power switch on the back panel and let the unit cool down for at least 1 minute.

When you connect or disconnect 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 amplifier.

Before you install

SPEAKERS

The Statement amplifiers produce sufficient voltage and current to drive practically any loudspeaker made, regardless of the speaker's impedance, sensitivity or power rating. However, these amplifiers have enough power to damage some loudspeakers if used carelessly. When you turn up the volume on your preamp, do it gradually. If you hear distortion, crackling noises, or mechanical thumps from the speaker, turn the volume down immediately. You can best appreciate the Statement amplifier's performance by connecting it to a full-range loudspeakers. It will sound excellent with small speakers, too, but if you use small speakers, avoid turning the volume to maximum. Constellation is not responsible for damage of any speaker connected to a Constellation amplifier.

Before you make or change any speaker connections, be sure to turn off the master power switch on the back panel and let the unit cool down for at least 1 minute.

SPEAKER CABLES

We strongly suggest you consult your Constellation dealer for recommendations on speaker cables to use with Statement amplifiers. These amps' extremely high output demands heavier wire gauges and better connectors than provided on most speaker cables, even high-end cables.

The amplifiers' binding posts can be used only with high-quality spade connectors having an 11mm/0.43" opening, of the type shown at right. Do not attempt to use bare wire or any other type of connector; the amplifier's extremely high power can vaporize stray wire strands that inadvertently contact each other.

Use only your hands or a binding-post wrench to tighten the binding posts. Do not use a crescent wrench, pliers, etc., because these could damage the binding posts and the amplifier.

IN THE EVENT OF MALFUNCTION

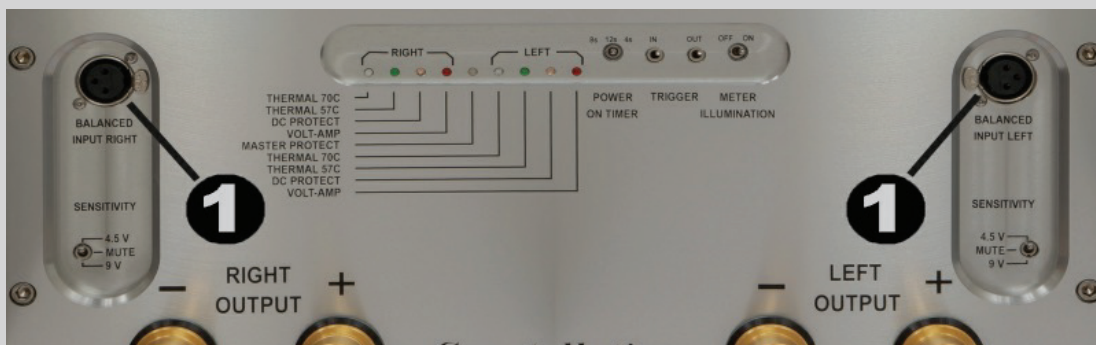
Do not under any circumstances open the cabinet of the amplifier. There are no user-serviceable parts inside. Opening the cabinet can present a shock hazard even if the AC power is disconnected. Any alteration or modification of the amplifier's internal parts or circuit will immediately void your warranty. If your amplifier does not function correctly, refer to the Troubleshooting section at the end of this manual. If you are still unable to resolve the problem, contact your Constellation dealer. If any liquid is spilled on the amp, or if any metal object (such as a staple or a paper clip) is inadvertently forced in through the vents, immediately disconnect the AC power and contact your Constellation dealer.

Connections

1 BALANCED INPUT



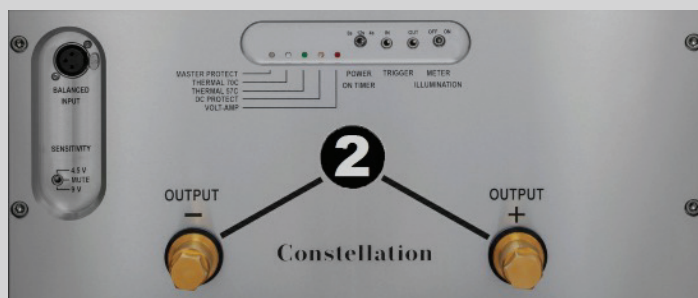
STATEMENT MONO



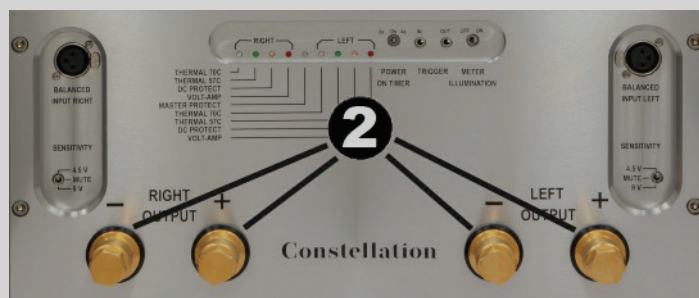
STATEMENT STEREO

Use this XLR balanced input for connection to balanced-output preamps. RCA-to-XLR adapters can be used if necessary, but for the best sound quality, we strongly recommend using a balanced connection. For the Statement Stereo amplifier, be sure to connect the right-channel cable from the preamp to the right-channel XLR jack on the amp, and do the same for the left-channel connection.

2 SPEAKER-CABLE BINDING POSTS



STATEMENT MONO



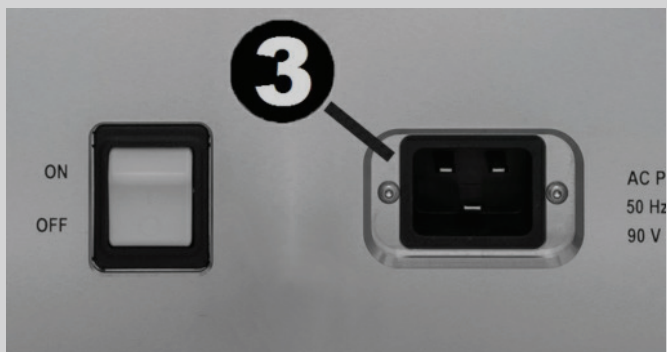
STATEMENT STEREO

For the Statement Mono, connect the marked connector or cable conductor for the left speaker cable to the positive (+ or red) binding post of the left monoblock and the unmarked connector to the negative (- or black) binding post. Repeat with the right speaker cable. For the Statement Stereo, connect the marked connector or cable conductor for the left speaker cable to the positive (+ or red) binding post of the amplifier's left channel, and the unmarked connector to the negative (- or black) binding post. Repeat with the right speaker cable/channel. Make sure the speaker cables on both channels are connected identically—marked cable conductor or connector to red, unmarked conductor or connector to black. The binding posts accept only spade or ring lugs with an opening of 11mm/0.43 inch. Make certain that the lugs on your cables will fit the amplifier's binding posts—do not force the spade lugs onto the posts if they do not fit. Do not use bare wire connections, because the amplifiers' high power output might vaporize any stray wires that touch. The binding posts are designed to be tightened only by hand. Do not use tools to tighten the binding posts.

DO NOT ALLOW THE SPEAKER CABLE TERMINALS TO TOUCH EACH OTHER OR TO TOUCH THE AMPLIFIER CHASSIS.

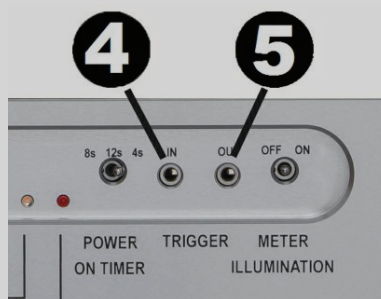
Before you turn on the power, check at the terminals of the speakers and the amplifier to make sure the positive and negative leads of the speaker cables are separated and not touching.

Connections



3 20-AMP POWER INPUT

Connect the Statement amplifier's power cord here. Use the supplied high-quality 20-amp cord or one of your own choice. We recommend against using a cord with a 20-amp female connector (on the end that connects to the amp) and a 15-amp male plug (on the end that plugs into the wall). A 15-amp connection will not allow the Statement amplifier to reach peak performance, and the circuit breaker is likely to trip often.



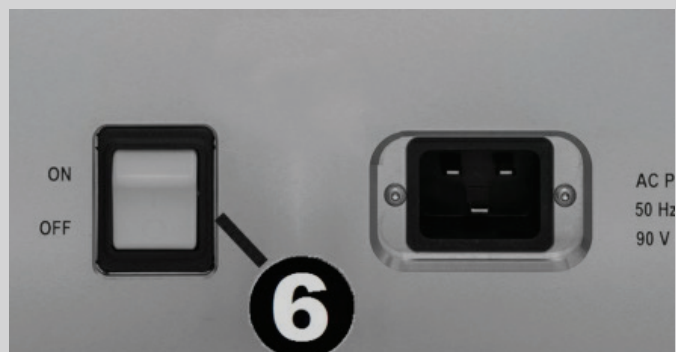
4 3.5MM TRIGGER INPUT

This is an industry-standard trigger input that accepts trigger signals between 6 and 45 volts DC. When the master power switch is on, the amp will power up if it receives a trigger signal from a preamp or home automation system. The amp can be set to delay power-up by 4, 8 or 12 seconds when it receives a trigger signal, which may help prevent tripping the circuit breaker (although the turn-on surge current of these amps is less than 0.5A). When the DC voltage stops, the amp will power down. The trigger input will not work if the master power switch is off.

5 3.5MM TRIGGER OUTPUT

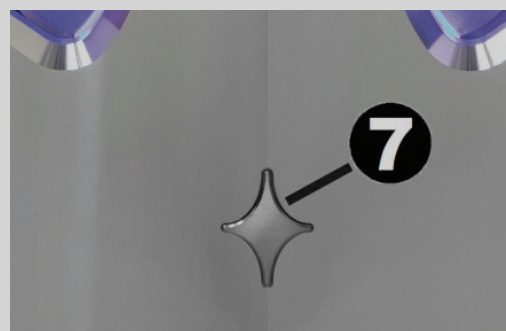
This jack allows you to daisy-chain to a second amplifier so they both turn on at once (or with staggered turn-on times, depending on the setting of the power on timer switch) when the first amp receives a trigger signal.

Controls/Indicators



6 MASTER POWER SWITCH

This switch powers up the amplifier and puts it into standby mode. Note that the amplifier takes about 45 seconds to power up completely and for the front power/standby button to become active. You may wish to leave this switch on all the time. This switch also resets the amplifier's internal circuit breaker. If the circuit breaker trips, flip the switch off and on again to reset it.



7 FRONT POWER/STANDBY BUTTON

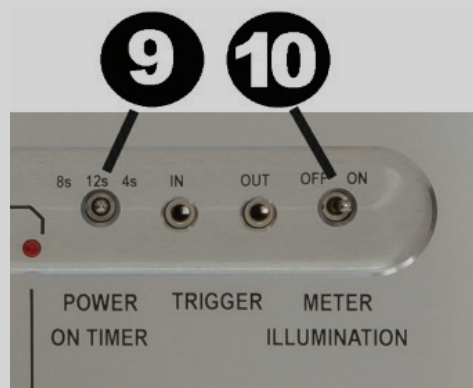
This switch turns the amp's output on, so the speaker(s) can receive an audio signal. It will function only if the master power switch is on. Press the power/standby button to make the amp active, and press it again to put the amp back in standby mode. If the front panel meter illumination switch is on, then when the amp is in standby, the front power meter(s) will glow red. When the amp is function, i.e., able to produce sound, the front meter(s) will glow blue.

Controls/indicators



8 SENSITIVITY/MUTE SWITCH

This switch controls the sensitivity of the amp's input, and also provides a mute function. To mute the input, set the switch to the middle position. Use the 4.5V setting for preamps that have a maximum output of less than 4.5 volts. If you have a preamp with maximum output of at least 9 volts, use the 9V setting, which will lower the noise floor. We do not recommend using preamps with a maximum output rating of less than 4.5 volts. Check your preamp's specifications to make sure. If you have two Statement Monos, make sure the switch is set to the same sensitivity on both. If you have a Statement Stereo, make sure the sensitivity setting is the same for both channels.



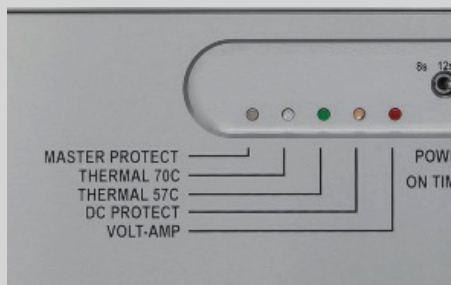
9 POWER-ON TIMER SWITCH

This switch sets the delay for the DC power trigger input. When the trigger input jack receives a DC sign from 6 to 45 volts, the amp will power up in 4, 8 or 12 seconds depending on the setting of this switch.

10 FRONT POWER METER ILLUMINATION SWITCH

This switch turns the blue LED meter illumination on and off for the front power meter(s). The red LEDs in the meter will still glow when the amp is in standby.

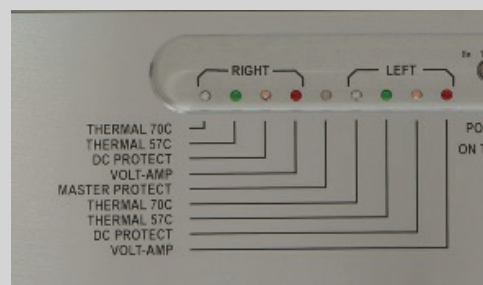
11 AMPLIFIER WARNING LIGHTS



STATEMENT MONO

These lights illuminate when the amp is approaching or exceeding its limits.

Thermal 70° C indicates that the heat sink temperature has reached 70° C/158° F. If this condition is reached the amplifier will shut down. It will turn back on automatically once the heat sink temperature has dropped to about 60° C/140° F. In addition, the meter LEDs will go from blue to red, and back to blue when the heat sinks have cooled down. This does not indicate a fault within the amplifier, only that it's being pushed beyond a level that's safe for its components.



STATEMENT STEREO

Thermal 50° C indicates that the heat sink temperature has reached 57° C/135° F. The amp will not shut down, this is merely a warning. Again, this does not indicate a fault within the amplifier.

DC Protect indicates that one or more channels have in excess of +/-5 volts of DC on the speaker output(s). The amplifier shuts off and is latched in this condition until the master power switch on the back is turned off. If this should occur, power down the amplifier using the master power switch.

Connections

STATEMENT MONO

11 AMPLIFIER WARNING LIGHTS CONT.

Remove the speaker connections. Reboot the amplifier and check to see if the DC Protect LED(s) light up.

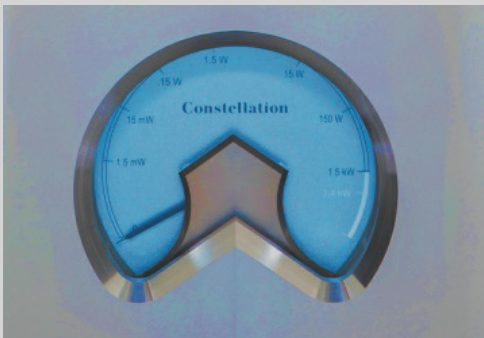
If yes, contact your Constellation dealer.
If no, leave the amplifier on for about 10 minutes, checking periodically on the status of these LEDs.

To be safe, we suggest connecting a pair of inexpensive speaker(s) and check for sound. If you are satisfied all is well, reconnect the regular speakers.

Volt-Amp indicates that the volt-amp capability of one or more channels has been exceeded. This is normally the fault of the speakers having an impedance of less than 0.75 ohms. The amplifier shuts off and is latched in this condition until the master power switch is turned off. Please remove the speaker connections and check the speakers to make sure they are functioning and there are no short-circuits in the speaker cables.

Master Protect will light up as well if the DC Protect and Volt-Amp LEDs are lit. This means that the master power switch must be turned off and back on to reset the amplifier.

12 FRONT-PANEL POWER METER(S)



STATEMENT MONO



STATEMENT STEREO

The Statement amplifiers are equipped with power meters that monitor the operation of the amplifier. These meters are precisely calibrated to provide an accurate and useful readout of amplifier power. When the meters glow red, the amp is in standby and you'll hear no sound. When the amp is active, the meters will glow blue. A back panel switch allows you to defeat the blue lights if you prefer not to have the illumination when you listen.

The Statement amplifiers incorporate a 240-degree power meter on the front panel. We have designed circuitry for the meter(s) which has several functions.

First is an accelerator circuit which allows the meter to respond to musical peaks more accurately.

Second is a peak hold circuit which keeps the meter's pointer from falling back too quickly.

Third is a logarithmic converter which allows the meter to display a range of 60dB.

In case of the Statement Mono the meter displays power into 8-ohm from 0.0015 watts to at least 1,500 watts and for the Stereo 0.00075 watts to at least 750 watts.

Operation

INITIAL OPERATION AND POWER-UP

STEP 1: Before making or changing any connections, make sure the amp's master power switch is turned off. If the AC has not been connected, connect the amplifier(s) to the wall AC power socket using the supplied cord.

STEP 2: If you are using Statement Monos, connect a high-quality speaker cable from the left speaker to the left amplifier's binding posts, and repeat the process for the right speaker/channel. If you are using a Statement Stereo amp, connect the speaker cable from the left channel binding posts to the left speaker, and repeat for the right channel/speaker. Be sure to connect the marked (often red) connector or cable to the positive (red or +) binding post on the amplifier, and the unmarked (often black) connector or cable to the negative (black or -) binding post on the amplifier. Make sure that the conductors of the cables do not touch; that there are no stray wires coming from the cables that might cause a short circuit; and that the amplifier and speakers do not come into contact with metal objects that might cause a short circuit. While the amplifier is internally protected against short circuits, it delivers enough current to vaporize small wires, so a fire hazard can result in the event of a short circuit.

STEP 3: Connect a high-quality XLR balanced audio interconnect from the left channel of the preamp output to the left Statement Mono's XLR input or the Statement Stereo's left-channel XLR input. Repeat for the right channel.

STEP 4: Using the sensitivity/mute switch(es) near the amplifier's input jack(s) on the back panel, select either 4.5V or 9V sensitivity, depending on what the maximum output of your preamp is. For most preamps, the 4.5V setting will be best, but high-end preamps with higher output can achieve a lower overall system noise floor if you use the 9V setting.

STEP 5: **NOTE: THESE AMPS TAKE ABOUT 1 MINUTE TOTAL TO POWER UP.** Turn on the master power switch on the back of the amplifier (both amps if you are using Statement Monos), next to the connection for the AC cord. The front power meter on the amplifier(s) should glow red. If it does not, check your AC connection.

STEP 6: **WAIT AT LEAST 20 SECONDS TO LET THE POWER SUPPLY CHARGE UP.** The power switch on the front panel will not work until the power supply is ready. To power up the amp, push the power button on the front panel. The front power meter will glow red. After 35 to 45 seconds, the power meter will glow blue. If the preamp and a source are connected and playing, and the volume on the preamp is up, you should hear sound.

STEP 7: To turn the amplifier off, press the front-panel power button. The front power meter(s) will glow red to show the amp is in standby mode.

NORMAL OPERATION

Once the amplifier is installed and properly set up, it normally requires no user operation except for turning the amplifier on and off.

Other than the power button on the front panel, the only control that you might want to use on occasion is the mute function, which can be activated from the sensitivity/mute switch(es) on the back panel.

Maintenance

The Statement Mono and Stereo require no regular maintenance.

If the amplifier's surface becomes dusty, simply wipe it off with a soft dry cloth. Do not spray cleaners on the surface.

Cleaning the clear/black anodised surfaces on sides and back

Use only a microfiber towel or natural cotton towel, never a paper towel or other wood-based products.

Using only warm water, dip the edge of the towel in the water and rub in the direction of the prismatic cut remove the soil and grime Do not go against the cut.

Finish with a dry towel and buff to luster.

Cleaning the clearcoat paint on top and front

Use only a microfiber towel or natural cotton towel, never a paper towel or other wood-based products.

Breathe directly onto the Statement to put a small amount of moisture on the area to be cleaned. This highlights the soil and grime that needs to be removed.

Polish with a dry towel and buff to luster. You will sometimes need to repeat this step several times.

You will occasionally need to use a very small drop of "Mother's California Gold" scratch remover if the soil and grime proves to be stubborn and difficult to remove.

Caution: Be very careful when using the Mother's California Gold. It's safe in very small amounts, but using too much can ruin the clearcoat.

Polish with a dry towel to bring back luster.

Troubleshooting

AMPLIFIER WILL NOT TURN ON

1. Check to see if the front power meter is illuminated red. If it is not, try the following steps in order. If any one of the steps restores the power, there is no need to continue to the next steps.

A. Make sure the master power switch on the rear of the amplifier is turned on.

B. Check to make sure the AC cord is connected to the amplifier and to a wall outlet.

C. Flip the master power switch off and on again. This will reset the amplifier's internal circuit breaker.

D. Check the circuit breaker in the electrical box to make sure it has not been tripped. If it has, check to make sure a short circuit does not exist at the amplifier's speaker terminals or the speaker's input terminals. If no short circuit exists, flip the breaker on and off to reset it.

E. If none of these conditions restores power, it is likely one of the amplifier's internal fuses is blown. Do not attempt to change the fuse yourself—the amplifier requires the use of special high-voltage fuses that are not commonly available. Contact your Constellation dealer for service.

2. If the front power meter is illuminated red, push the front panel power button. Wait for 35 to 45 seconds for the amplifier to warm up. When the meter turns blue, the amplifier is ready to use (provided the meter illumination switch on the back panel is set to "on"). If the meter still will not illuminate, or doesn't eventually change to blue, contact your Constellation dealer for help.

AMPLIFIER IS ON BUT NO SOUND IS PRODUCED

1. Make sure the front panel meter is glowing blue, indicating that the amp is warmed up and in active mode. (If it's not glowing blue, flip the meter illumination switch on the back panel briefly to confirm that the amp is active.) If the LED is glowing red, push the front power button and wait 35 to 45 seconds for the amp to warm up and the meter to glow blue. Sound should now be restored.

2. If the front meter is glowing blue but there's no sound, the amplifier is in mute

mode. Flip the sensitivity mute switch(es) on the back to the 4.5V or 9V position.

3. If you still hear no audio, try the following steps in order. If any one of the steps restores the power, there is no need to continue to the next steps.

A. Check to make sure your preamp and signal source are both turned on, and your preamp is not in mute mode.

B. Make sure the desired source is selected on your preamp.

C. Make sure the source device is putting out signal—i.e., if it is a network music player, make sure the device is playing and not in pause mode.

D. Check the connections between the amplifier(s) and the preamp, and between the preamp and the audio source device. 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.

E. Check the connections between the amplifier(s) and the speakers. Make sure the speaker cables have not come loose. If one has, press the power button on the front of the amp, wait 30 seconds for it to cool down, then flip the master power switch on the rear panel to the off position. Re-install the cable, flip the master power switch on, wait 20 seconds and press the front panel power/standby button.

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 come from the right speaker, not the left), check the cable connections between the amplifier(s) and the speakers, between the amplifier(s) and the preamp, and between the preamp and the source device. Make sure left-channel interconnect cables are connected to the left channels of the source, preamp and amp, and right to the right channels. Make sure the left speaker is connected to the Statement Stereo's left-channel binding posts, or to the Statement Mono used for the left channel. Check the right speaker connection in the same way.

Troubleshooting

SOUND COMES FROM ONLY ONE SPEAKER

1. If you are using Statement Monos, make sure both amps are plugged in and powered up, and their sensitivity/mute switches are set to either 4.5V or 9V. If you encounter difficulties, follow the troubleshooting steps under “Amplifier will not turn on” above.

2. Switch the preamp to a different input and play music from a different source device. If sound now comes from both speakers, check the connection between the source device and the preamp.

3. If you get sound from only one speaker no matter which preamp input you select, check the cables connecting the preamp to the Statement Stereo or the two Statement Monos, and between the amp(s) to the speakers. Make sure the speaker cables are firmly connected to the amplifier and the speaker, and that the cables have not been damaged. Then check to make sure the interconnect cables are connected correctly between the source component and the preamp, and between the preamp and the amplifier(s), and that all of the interconnect cables are in good condition.

4. If these steps do not restore sound to both speakers, turn the rear power switch off on the Statement Stereo or on the Statement Mono connected to the speaker that is not working. Leave the music playing, and allow it to continue to play until the sound dies out. This will discharge the power supply to avoid possible electrical shock or amplifier damage. If you are using Statement Monos, connect the left speaker to the amplifier normally used for the right channel, and vice-versa. If you are using a Statement Stereo amp, switch the speaker cables, connecting the left speaker to the Statement Stereo’s right channel and the right speaker to the amp’s left channel. If the same speaker doesn’t work—if, say, the left speaker was silent before and it’s still silent after you switch the cables—you probably have a malfunction in that speaker. If the sound moves to the other speaker—i.e., if only the left speaker was playing but now only the right speaker is playing—contact your Constellation dealer.

SOUND SEEMS UNFOCUSED

1. Play a CD of typical pop vocals and sit in front of your 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 on both Statement Monos (or both channels of the Statement Stereo amp) are connected properly, with the marked connectors or cables connected to the positive (red or +) binding post on the amplifier, and the unmarked connectors or cables connected to the negative (black or -) binding posts.

3. If you need to change the speaker cable connection, turn the amplifier off first. To avoid possible electrical shock or damage to the amplifier, 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 die out. After the sound dies out, it is OK to change or adjust the cables.

Specifications

STATEMENT MONO

Input	1 XLR
Power output, 8 Ω (1 kHz @ 0.2% THD+N)	1700W
Power output, 4 Ω (1 kHz @ 0.2% THD+N)	3200W per channel*
Power output, 2 Ω (1 kHz @ 0.2% THD+N)	5600W per channel*
Power output, 8 Ω bridged	6000W per channel*
Power output, 4 Ω bridged	11000W per channel*
Outputs	metal binding posts
Frequency response	0.5 Hz to 100 kHz, +0/-0.1 dB
THD+N (1 kHz @ 90% of rated power)	<0.05%, 10 Hz to 20 kHz
Gain	4.5v/27.7db, 9v/21.7db switchable
Output impedance	0.1 Ω
Damping factor (8 Ω load)	>200
Signal-to-noise ratio	>114 dB
Input impedance	360K Ω
Weight	250 lbs. / 114 kg
Dimensions	18.5"/ 317mm x 32.5"/ 470mm x 12.5"/317mm (WDH)

STATEMENT STEREO

Input	2 XLR
Power output, 8 Ω (1 kHz @ 0.2% THD+N)	850W per channel
Power output, 4 Ω (1 kHz @ 0.2% THD+N)	1600W per channel*
Power output, 2 Ω (1 kHz @ 0.2% THD+N)	2800W per channel*
Power output, 8 Ω bridged	3000W per channel*
Power output, 4 Ω bridged	5500W per channel*
Outputs	metal binding posts
Frequency response	0.5 Hz to 100 kHz, +0/-0.1 dB
THD+N (1 kHz @ 90% of rated power)	<0.05%, 10 Hz to 20 kHz
Gain	4.5v/24.4db, 9v/18.7db switchable
Output impedance	0.1 Ω
Damping factor (8 Ω load)	>200
Signal-to-noise ratio	>110 dB
Input impedance	360K Ω
Weight	250 lbs. / 114 kg
Dimensions	18.5"/470mm x 32.5"/825mm x 12.5"/ 317mm (WDH)

For more information

Your Statement power amplifier should give you 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.

For more information about Constellation products, please visit www.constellationaudio.com

