Amplified Nation

Skyline Reverb

OWNER'S MANUAL

Congratulations on purchasing an amplifier from Amplified Nation. Whether you acquired the amp new or used, we hope that you will enjoy your experience as an Amplified Nation customer. Our products are designed to deliver great tone and be an inspiring extension of your instrument.

The Skyline Reverb comes in different power levels, from 22w to 100w and can be found in head or combo form factor. The higher wattage models have increased headroom and bigger sonic presence. The head and combo amps are identical in function, so this manual will serve them both equally. All power levels also function the same with the exception of bias settings.

Please read through the control layout functions and make note of the instructions on general operation before attempting to operate your new amp. This instruction manual includes essential safety information regarding the use and maintenance of the amplifier.

If you have any questions about the amp that are not answered in this guide, please reach out to us at sales@amplifiednation.com and we will be glad to assist you.

Thank you,
Taylor Cox
CEO, Amplified Nation

About Amplified Nation

Located in Hudson, MA, Amplified Nation is a boutique brand of guitar amplifiers and speaker cabinets. We have built our business on four core values: Integrity, knowledge, attention to detail and quality. We provide an excellent experience for our customers and are committed to constant communication and adherence to time lines.

Our passion for the craft of hand-building amplifiers can be seen in every piece of gear that leaves our shop. Thank you for choosing to work with us.

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Important Safety Instructions

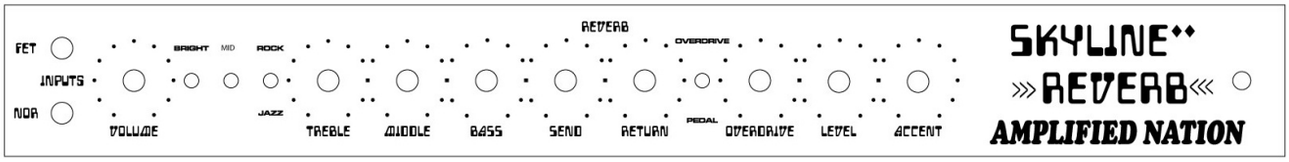
1. Follow all instructions
2. Do not use this amplifier near water
3. Clean only with dry cloth
4. Do not block any ventilation openings
5. Do not install near any heat sources such as radiators, heat registers or vents.
6. Protect the power cord from being walked on or pinched particularly at plugs and the point where they exit from the amplifier
7. Only use attachments/accessories specified by the manufacturer
8. Unplug this amplifier during lightning storms or when unused for long periods of time
9. Refer all servicing to qualified service personnel. Servicing is required when the amplifier has been damaged in any way, such as blown tubes, blown fuse, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped
10. To disconnect the unit completely from the MAINS, unplug
11. DANGEROUS VOLTAGE WARNING:
A tube amplifier chassis contains lethal high voltage even when unplugged--sometimes over 700 volts AC and 500 volts DC. Do not attempt to service, repair or conduct tube biasing unless you are qualified to do so. Please contact Amplified Nation beforehand with questions in this regard. Amplified Nation takes no responsibility or shall be held liable for any personal harm caused or damage to this amplifier as a result of unauthorized service, repair or internal adjustments made to this amplifier.

Please Read Before Powering Up Your Skyline Reverb

1. Inspect to make sure power and pre-amp tubes are intact and snuggly seated in their sockets
2. Make certain a speaker (load) is plugged into the correct speaker input jack on the back of the amplifier. Failure to have a speaker connected to the amp will result in damage to the output tubes. Your amplifier is supplied with multiple speaker inputs for various impedances; select the one closest to or transition your speaker(s) impedance.
3. Install cable into footswitch and then connect into rear panel input marked FOOTSWITCH
4. Install instrument cable from guitar into front panel INPUT
5. Be sure both POWER and STANDBY switches are in DOWN position
6. Install power cord to amplifier (AC POWER IN) and to AC power source
7. POWER UP amplifier by:
    1. flipping POWER switch UP. WAIT at least 1 minute for tubes to heat up
    2. Flip STANDBY switch UP, amplifier will now operate
8. The amplifier is now fully on and ready to use. Feel free to adjust all controls as you see fit

TO PUT AMP IN STANDBY MODE - Simply flip the STANDBY switch DOWN
TO PUT AMP IN PLAY MODE - Simply flip the STANDBY switch UP
TO TURN AMP OFF - Flip the STANDBY switch DOWN. We then recommend (as a kindness to the output tubes) waiting at least 1 minute before flipping POWER switch DOWN hence fully shutting the amp down.

Front Panel Functions



FET Jack: Use the FET Input for access to the transistor based gain stage before the first tube. You will hear slightly higher gain with a glassy, Hi-Fi feel.

NOR Jack: High impedance input to the amplifier. Plug in your instrument here.

Volume: adjusts the gain of the clean channel.

Bright Switch: Boosts the treble frequency response.

Mid Switch: Boosts the mid range frequency response.

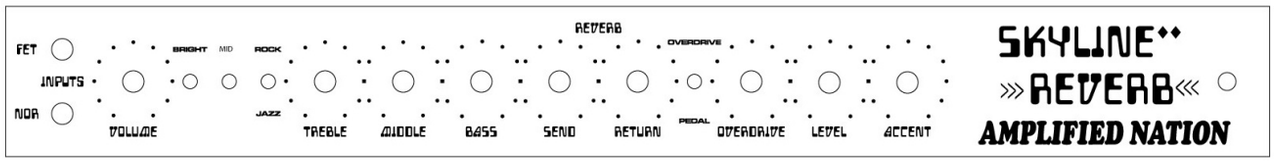
Rock/Jazz: Two different EQ settings for the amp. Rock is more aggressive

Treble: Adjusts the high frequency response. In the full counter-clockwise position, high frequencies are bypassed to ground. In the full clockwise position, high frequencies are increased.

Middle: Adjusts the mid-range response. In the full counter-clockwise position, the tone will be somewhat “scooped” of mid-range response, emphasizing the highs and lows. In the full clockwise position, mid-range frequencies are increased.

(CONTINUED ON TO NEXT PAGE)

Front Panel Functions (CONTINUED)



Bass: Adjusts the bass response. In the full counter-clockwise position, low frequencies are cut. In addition, the response of the treble and mid-range controls is greatly reduced. In the full clockwise position, low frequencies are increased.

Reverb Send: A dwell control for the reverb. The reverb send determines the amount of decay in your reverb signal.

Reverb Return: The return control sets the level of the reverb in the mix.

Overdrive Switch: Selects the overdrive channel. When using the footswitch, put the switch to 'pedal.'

Overdrive: Sets the amount of gain of the overdrive channel. Clockwise rotation will result in more aggressive amounts of gain and saturation.

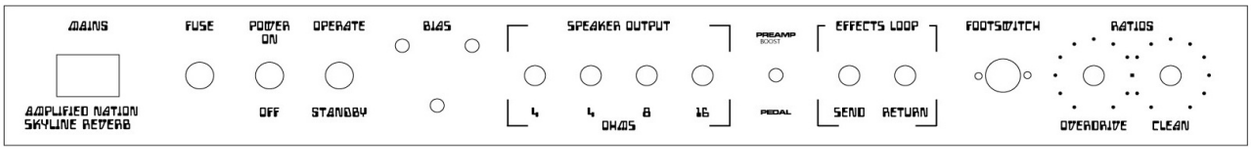
Level: Adjusts the overall output level of the amplifier like a master volume.

Accent: Acts as a presence control, higher settings will have accentuated mids and highs, seeming brighter.

Power Indicator Lamp: The replacement light bulb is a 5mm LED.

NOTE: All switches are ON in the "up" position

Rear Panel Functions



Mains: Connects the amplifier to A/C power with included IEC power cord.

Fuse: *See Fuse Chart page 7*

Power Switch: Turns the A/C mains power on to the amplifier.

Stand-by Switch: Should be in the “down” or “stand-by” position when you apply power to the unit. After turning the A/C mains on, place the switch in the “up” position to use the amplifier. You may leave the unit “powered up” and place this switch in the “stand-by” position to mute the output. Do not leave the amp in standby for more than 30 minutes at a time.

Bias Test Points: See bias adjustment section

Speaker Output Jacks: There are 4 speaker output jacks, two 4ohm, one 8ohm and one 16ohm. You should only use one speaker impedance at a time, or two 4ohm outputs are to be used to power two 8ohm cabinets.
Never operate your amplifier without a connected speaker load, and be sure to match the impedance of your cabinet with the corresponding value on the amp.

Preamp Boost Switch: Use this switch to select the preamp boost feature. When using the footswitch, set the switch to “pedal”

Effects Loop: The effects loop of the Skyline Reverb is a passive signal access point. Any effects plugged into the loop will be run in series with the preamp and power amp.

Footswitch Jack: The footswitch connects with the included 7 pin locking cable. The functions of the Overdrive Reverb include channel switching (left button) and preamp boost (right button).

Overdrive Ratio: Master volume for the overdrive channel

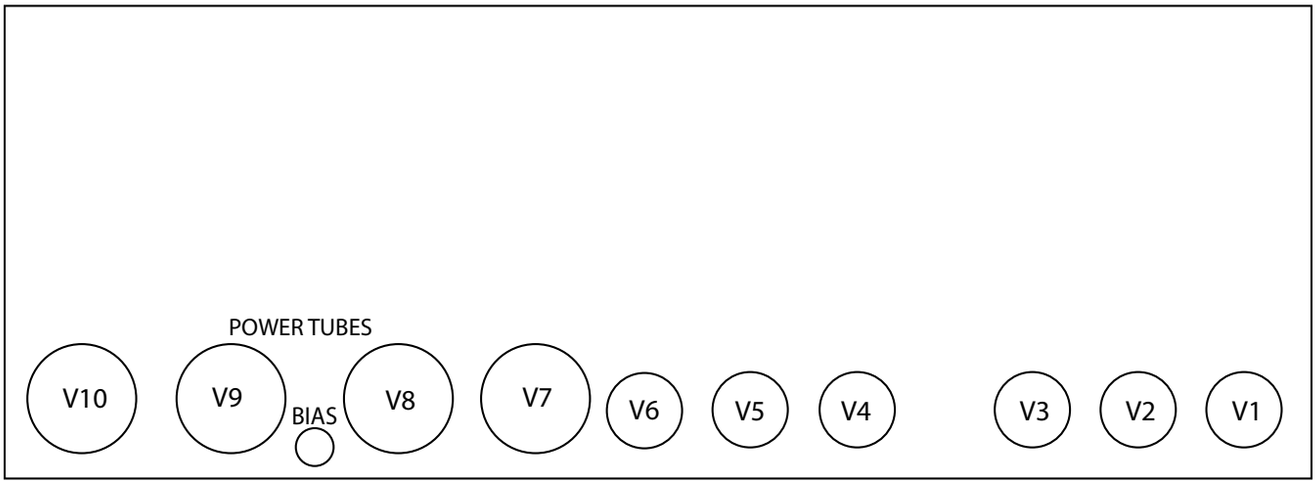
Clean Ratio: Master volume for the clean channel.

Fuse Chart

All Fuses are 3AG Type 250 Volt, SLO-BLO

Domestic 120v Fuses:	**Export 230v, 240v Fuses:**
2A – 22 Watt	1A - 22 Watt
2.5A - 50 Watt	1.5A - 50 Watt
3A - 100 Watt	1.5A - 100 Watt

Tube Complement



V1- 12AX7, Clean Channel
V2- 12AX7, Overdrive Channel
V3- 12AT7, Reverb Driver
V4- 12AX7, Reverb Return
V5- 12AX7, Wet/Dry Mixer
V6- 12AX7, Phase Inverter

Power Tubes:
22 Watt, V7 & V8 - 6V6GT
50 Watt, V7 & V8 - EL34
100 Watt, V7, V8, V9, V10 - EL34

Each fine production tube is tested and matched to our exacting specifications. External bias test points are located on the chassis near the output tube sockets. A digital multi-meter and insulated screwdriver are required for the bias adjustment pot in between the power tubes.

Bias Adjustment Procedure

All of our amps are equipped with external bias test points and an external bias adjustment pot. The adjustment pot is located in between the power tube sockets and should be adjusted using an insulated flat tip screwdriver.

- Power up unit connected to proper speaker load
- Do not have an instrument connected to the amp
- Take the amp off of standby and let it stabilize
- Set your multi meter to mV
- Connect the meter to corresponding black and red test points, black is ground
- Using an insulated screwdriver adjust the bias pot to get the proper mV reading

Tube types and bias level:

- 22w 6VGGT – 19-21mV per tube
- 50w EL34 – 33-35mV per tube
- 100w EL34 – 66-70mV per pair

50 and 100w EL34 Skyline Reverb amps are also capable of running 6L6GC tubes, but the amp will need to be biased to accommodate, using the same bias levels indicated above for EL34.

DO NOT set bias higher than recommended levels as it can lead to tube failure or damage to the amplifier.

WARNING: No user serviceable parts inside. If the amplifier is blowing fuses or not operating properly, please take it to a qualified technician for repair.

Use grounded A/C receptacle only

Servicing Warranty

Amplified Nation offers a 2-year non-transferrable warranty on amplifiers excluding: tubes, speakers, damage from tube failure, and abuse/modification.

It is the customer's responsibility to pay to ship the product to us, and if it is determined the warranty doesn't apply, the customer is responsible for the return shipping.

If the product is a warranty repair, Amplified Nation will cover the return shipping.

CONTACT US

This manual is a resource for some of your questions. Please contact us with any other questions or comments that you may have. We look forward to hearing from you!

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