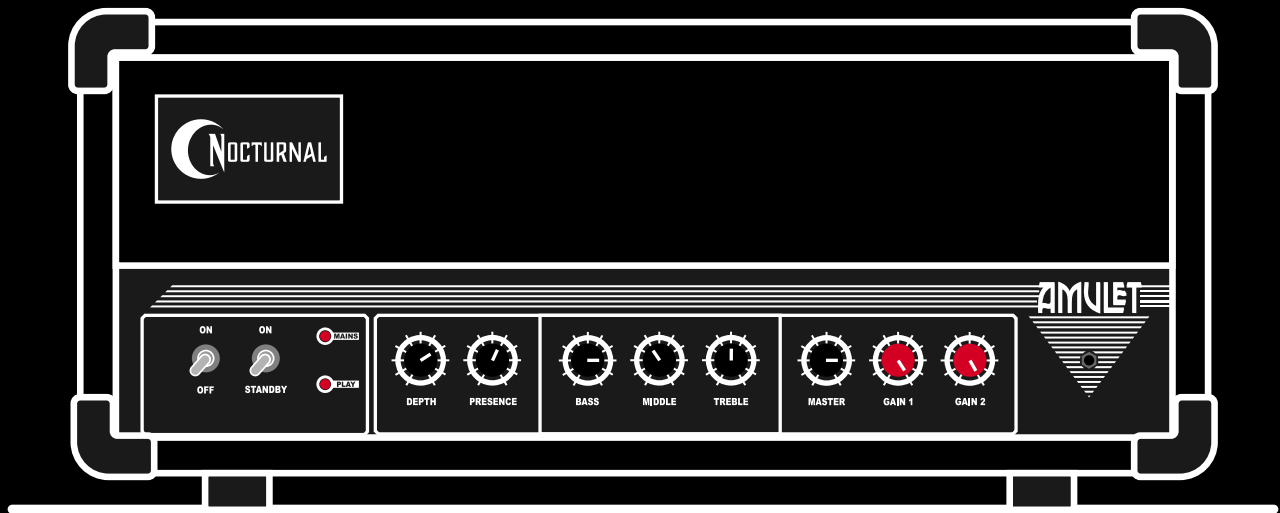


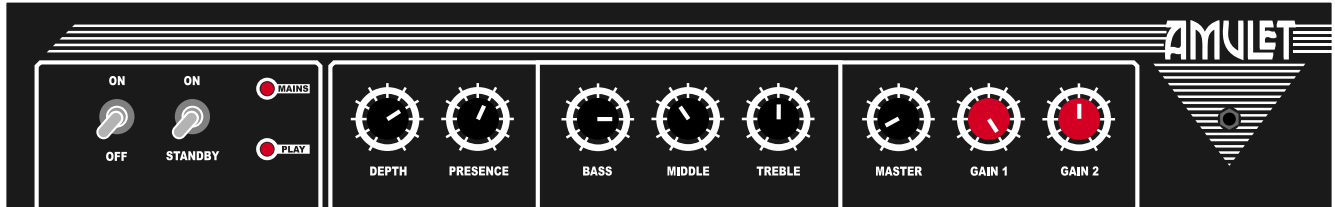
NOCTURNAL AMPLIFICATION



AMULET

OWNERS MANUAL 2024

FRONT PANEL OVERVIEW



POWER (ON/OFF): Toggle Controls Main Power

STANDBY (ON/STANDBY): Toggle Switches to Play Mode (On)

Tip: Before powering on amp make sure Standby Toggle is set to STANDBY, allow amp & tubes to warm up before switching to play mode (1-2 Minutes)

DEPTH: The depth knob is your secret weapon for conjuring earth-shaking riffs. Here's how it works:

Tight or Loose? You Decide.

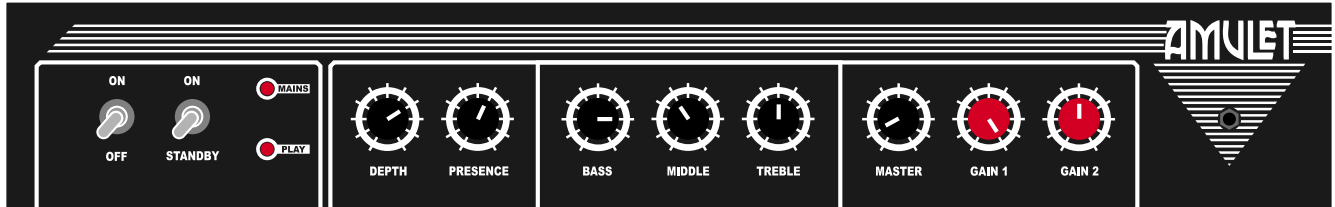
Turning the depth knob up boosts the low frequencies in your sound. This thickens your tone, adding weight and bottom end that's perfect for chugging palm mutes and beefy power chords.

Turning the depth knob down tightens up your low end. This can be useful for achieving more precise articulation, especially when playing fast passages or complex rhythms. It allows your notes to cut through the mix better.

Finding Your Sweet Spot

The ideal depth setting depends on your personal preference and the specific sound you're going for. Experiment!

FRONT PANEL OVERVIEW



PRESENCE: The presence knob might seem subtle, but it's a powerful tool for shaping your high-end attack.

How It Works

The presence knob targets a much narrower band of ultra-high frequencies. Think of it like a spotlight for the highest notes and harmonics.

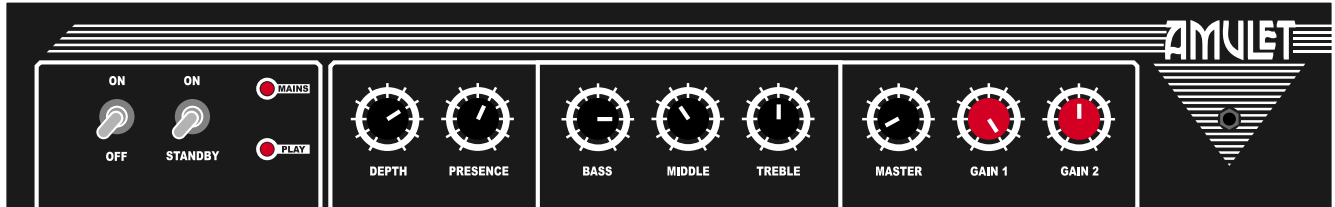
Turning the presence knob **up** boosts those ultra-high frequencies. This can add a piercing quality, perfect for making your leads cut through a dense mix. It also accentuates the attack of your picking, adding bite and definition.

Turning the presence knob **down** tames those ultra-highs. This can smooth out your sound, making it less harsh.

Tip: Because of the functionality of the presence knob it is recommended to use this in conjunction with the treble knob of the EQ section. If playing while adjusting the knob, a scratching sound will occur THIS IS NORMAL.

EQ SECTION: The EQ section is your tonal command center. It allows you to sculpt the overall character of your sound by adjusting specific frequency ranges. These frequencies are controlled by three knobs: **bass**, **middle**, and **treble**.

FRONT PANEL OVERVIEW



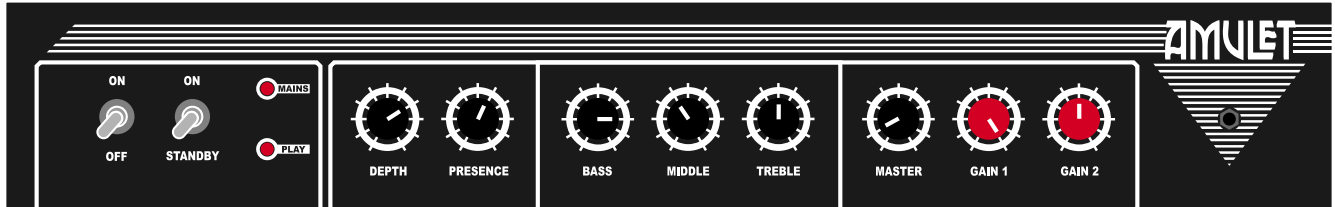
BASS: This controls the low frequencies. Turning it up adds low-end thickness and weight, perfect for a heavier tone. Turning it down tightens the low end for more precision while playing.

MIDDLE: This controls the middle frequencies. Scooping the mids (reducing them from the center position) is a common technique that creates an aggressive tone. Boosting the mids can add body and punch to your sound.

TREBLE: This controls the high frequencies. Turning it up adds brightness and bite, ideal for cutting through the mix with leads. Turning it down tames harshness.

EQ SUMMARY: By working with these knobs together, you can dial in the perfect balance of low-end thunder, mid-range punch, and high-end cut for your tone. Remember, the settings will depend on your personal preference and the style of your playing.

FRONT PANEL OVERVIEW



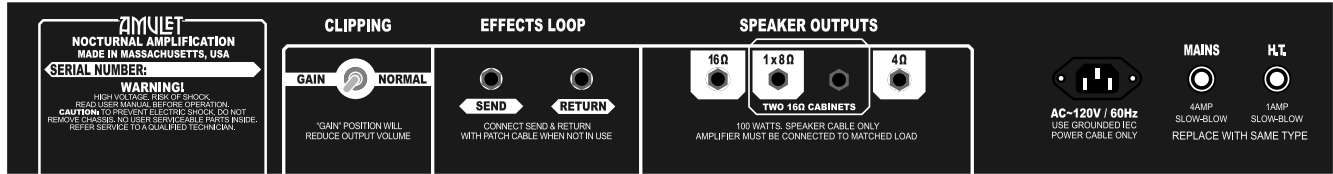
MASTER: This is your final volume control before the power amp. It adjusts the overall loudness without affecting the tone itself. Essentially, it acts like a master fader on a sound system.

GAIN 1: This knob exclusively controls the LED clipping feature. LED clipping uses Light Emitting Diodes to limit the signal level. As you crank Gain 1, the LEDs progressively "clip" the peaks of your signal, introducing a specific type of compressed, clipped distortion. The higher you set Gain 1, the sooner the LED clipping kicks in and the more intense the clipped character becomes.

GAIN 2: This is your traditional gain stage. It controls the amount of pre-amplification applied to your signal before it reaches the LED clipping circuit. Turning up Gain 2 pushes the pre-amplifier harder, creating more distortion and making your sound heavier. This is where you get that classic distortion that is independent of the LED clipping.

SUMMARY: By experimenting with these controls, you can unlock a wide range of tones, from subtle LED clipping accents to all-out, saturated distortion. This two-gain stage setup gives you more flexibility in sculpting your perfect sound.

BACK PANEL OVERVIEW



CLIPPING: This is a diode clipping stage toggle switch.

When switched to **normal** this gain is removed from the circuit completely. Switching it to **gain** engages the diode clipping stage and adds more saturation to your distortion.

Use this setting along side **Gain 1**. The higher the gain 1 setting the more effective the clipping toggle switch is when switched to **gain**.

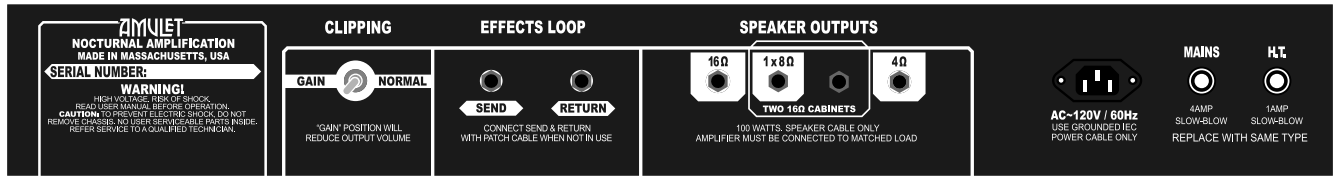
*Tip: because of the high-voltage of the diode it compresses the signal which will lead to a volume dip, you can compensate for this by turning up the **master**. For reference, the higher the master knob is the harder you're pushing your power section and tubes. (See page 7 for a deeper dive into your tube section)*

EFFECTS LOOP: As a series effects loop, this will bridge your pre-amp and power sections allowing for the insertion for wet / colored effects without introducing distortion from the pre-amplification. The effects loop typically has two jacks on the back of your amp: **Send** and **Return**.

To use - patch a cable from the **send** jack to the **input** of your first effect. You then chain any additional effects together, and patch a cable from the **output** of your last pedal to the **return** jack on the amp.

Tip: If using extremely long cables use a buffered line driver to compensate any signal lost (signals may lose brightness as they travel along lengthy cables)

BACK PANEL OVERVIEW



SPEAKER: The Amulet is capable of being used with various speaker cabinets including; 16ohm, 8ohm, and 4ohm.

Tip: When using a speaker cabinet make sure it is rated for at least 100watts, this will prevent the cabinet from being overloaded and blowing the speakers and it may also damage the amp itself

16ohm - For use with a singular 16ohm speaker cabinet

8ohm - For use with a singular 8ohm speaker cabinet (this section can also be used to run **TWO (2)** 16ohm speaker cabinets.) White Flag signals priority usage when using a singular 8ohm cabinet.

4ohm - For use with a 4ohm speaker cabinet.

Tip: The Amulet must carry a load at all times, if using a DI be sure to also implement a load box to insure proper functionality of the amp

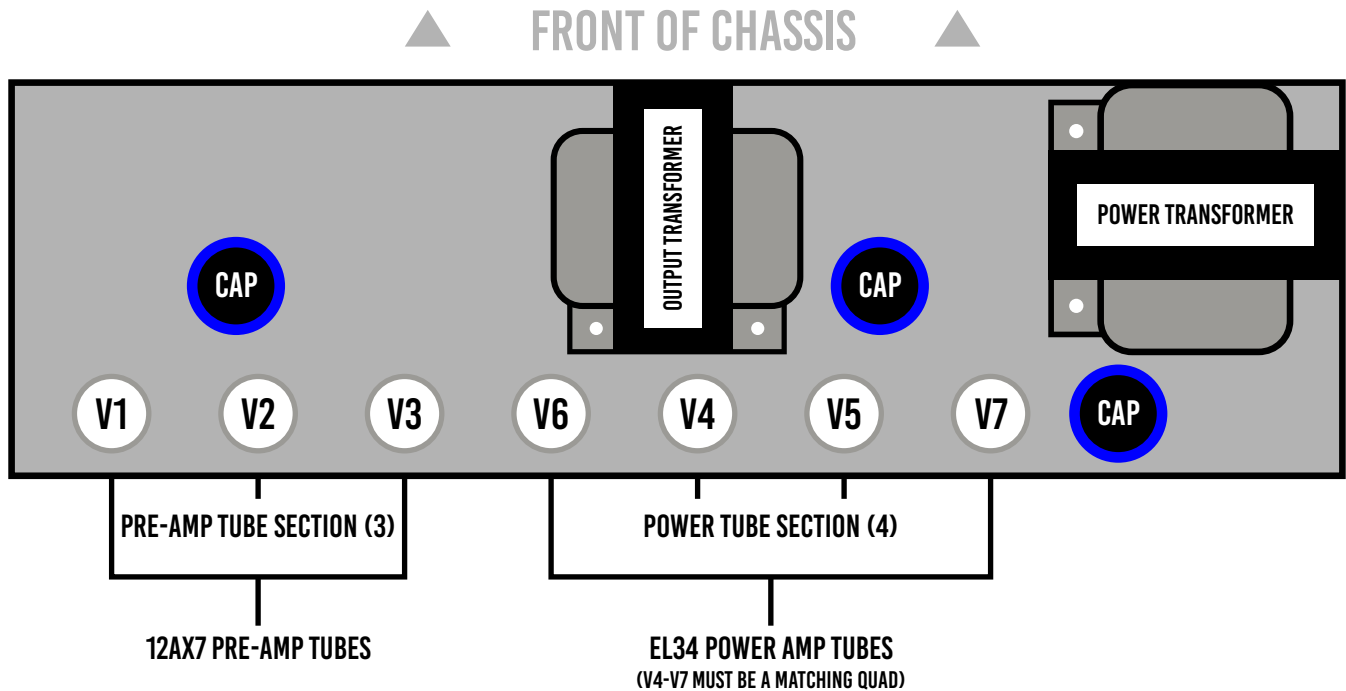
120V AC POWER RECEPTACLE: The Amulet is designed to run at 120 volts and a frequency of 60 hertz.

To supply power to the amp, use a 18guage (or higher example: 16guage) grounded IEC power chord.

FUSES: There are 2 slow blow fuses built into the amp. Unlike standard fuses that pop immediately upon a surge, slow-blow fuses are specifically designed to withstand short bursts of high current, which are common in tube amps like The Amulet.

In the case of a blown fuse, replace with the same amp and fuse type. If fuses are continuously blown upon replacement please bring to a certified amp technician.

CHASSIS OVERVIEW



PRE-AMP TUBES: V1, V2, V3 - 12AX7

V1 - Input Stage

V2 - Tone Stack

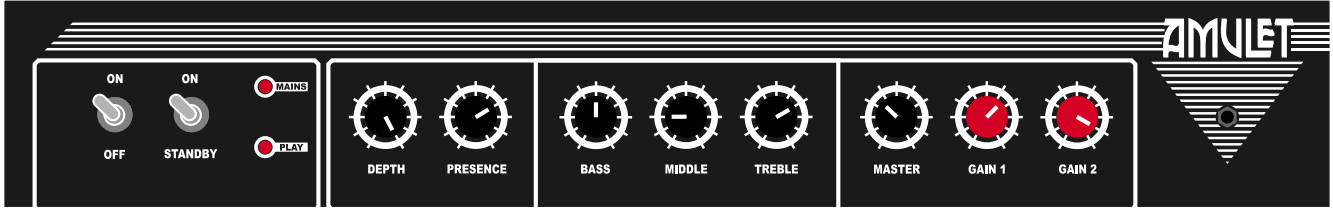
V3 - Phase Inverter (PI)

POWER AMP TUBES: V4, V5, V6, V7 - EL34 (100watts)

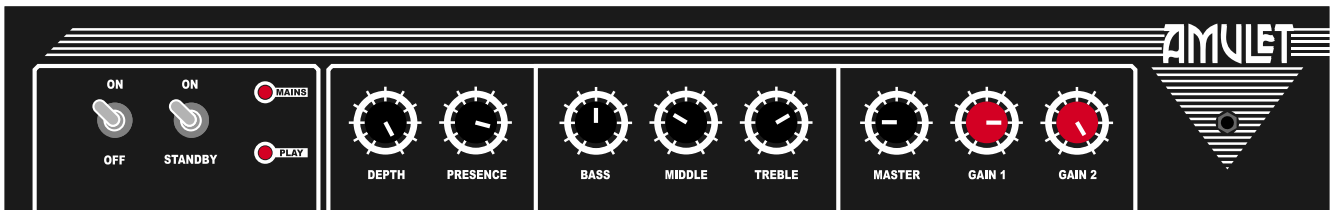
The higher the master the more strain is put on your power section.

If power tubes are changed the amp must be re-biased by a certified amp technician

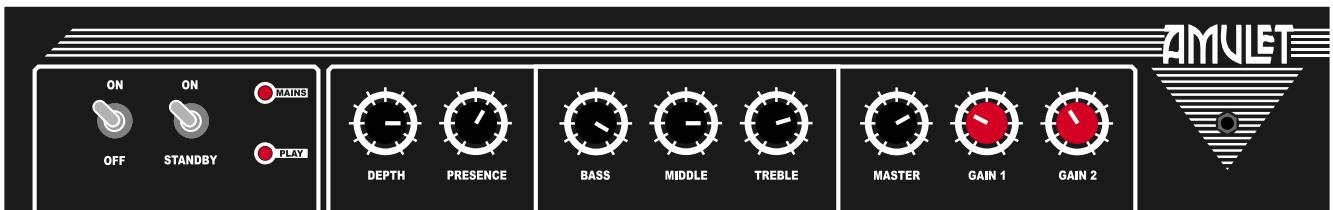
HOUSE SETTINGS



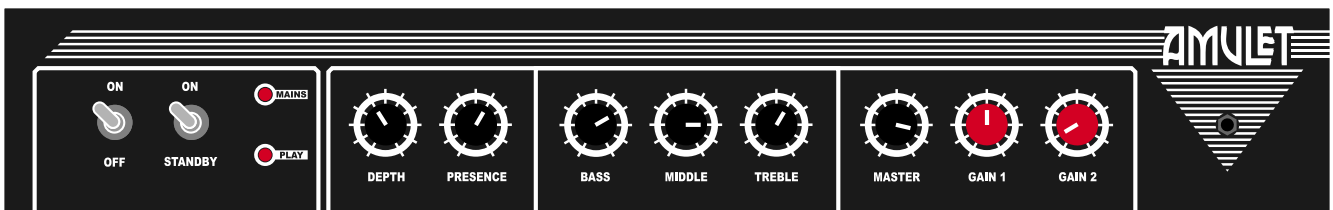
METAL TONE - Try pairing with Maxon 808 Tube Screamer or Metal Zone



LED DISTORTION - Try pairing with a Maxon TS Pro+ Super Tube



ROCK TONE - Try pairing with an Ibanez TS10 or Ram's Head Big Muff



CLEAN TONE - Best paired with a single coil pick-up

THESE ARE JUST GUIDELINES! Tone will depend on users set-up, don't be afraid to experiment

WARRANTY

Warranty Term: Amulet (the "Product") are warranted by Nocturnal Amplification LLC. ("We" or "Us") to the original purchaser only ("You") for a period of one (1) year from the date of original purchase ("Warranty Period").

What is Covered: This warranty covers any abnormal malfunction of the Product due to defects in materials or workmanship that occur during the Warranty Period.

What is Not Covered: This warranty does not cover:

- Normal wear and tear of the Product
- Physical damage caused by misuse, neglect, accident, modification, or improper use
- Damage caused by exposure to extreme temperatures, humidity, or other environmental conditions
- Damage caused by power surges or other electrical problems
- Damage caused by improper operation or maintenance
- Damage caused by the use of unauthorized parts or accessories
- Damage caused by repairs performed by unauthorized service personnel
- Pre-Amp Tubes
- Power Tubes

Shipping costs - You are responsible for covering any shipping costs associated with warranty service.

Remedies: If the Product malfunctions during the Warranty Period, We will, at our sole discretion, either repair or replace the Product with a new or refurbished product of comparable quality. We reserve the right to use new or refurbished parts in warranty repairs. Repaired or replaced products will be warranted for the remainder of the original Warranty Period.

Warranty Service: To obtain warranty service, You must contact Us by e-mail [nocturnalamplification@gmail.com] during the Warranty Period and provide a copy of your original purchase receipt. We will then provide You with instructions on how to return the Product for service.

Warranty Transfer: This warranty is not transferable and applies only to the original purchaser of the Product.

THANK YOU FOR PURCHASING

AMULET

