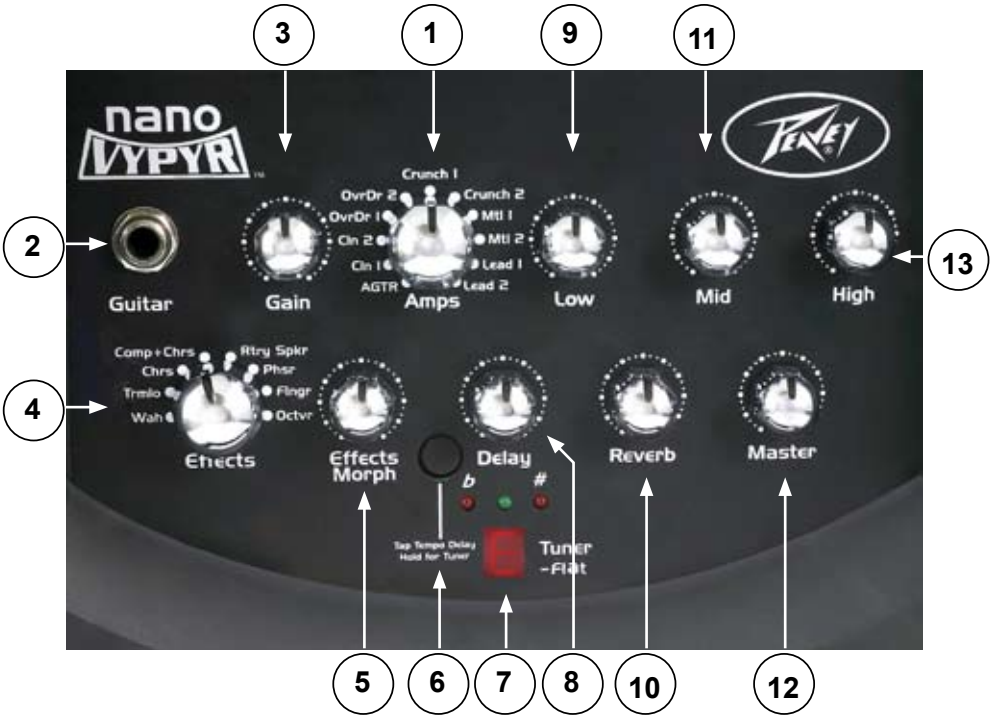
Nano Vypyr®

Battery Powered Guitar Amplifier

Operating Manual

www.peavey.com

Front Panel



1 AMP SELECTOR KNOB

Selects between the different amp settings on the Nano Vypyr. Available settings include: AGTR (Acoustic Guitar), Clean 1, Clean 2, Overdrive 1, Overdrive 2, Crunch 1, Crunch 2, Metal 1, Metal 2, Lead 1 and Lead 2.

- ACOUSTIC - Channel voiced for use with acoustic guitar
- CLEAN 1 - Basic clean channel voiced for humbucking guitars
- CLEAN 2 - Higher gain clean channel voiced for use with single coil guitars
- OVERDRIVE 1 - A little bit of grit for that classic, overdriven, small amp tone
- OVERDRIVE 2 - Gritty, overdriven amp tone with lots of bite
- CRUNCH 1 - Classic rock sound...the sound of a stack
- CRUNCH 2 - 70's arena rock rhythm tone
- METAL 1 - Modern, chunky, high-gain tone
- METAL 2 - Thrash metal tone
- LEAD 1 - Lead channel with smooth, present midrange and lots of sustain
- LEAD 2 - Lead channel with extra low end punch and slightly notched midrange. Especially good with low output guitars.

2 INSTRUMENT INPUT

1/4" instrument input.

3 GAIN CONTROL

Controls the amount of gain. Turning clockwise will increase gain and distortion.

4 EFFECTS SELECTOR KNOB

Selects between the different effects. Available effects include: Wah (the wah becomes an auto-wah when the optional expression pedal is not being used), Tremolo, Chorus, Compressor + Chorus, Rotary Speaker, Phaser, Flanger and Octaver.

5 EFFECTS MORPH CONTROL

As this knob is turned clockwise, one or more effects parameters are changed. This is tuned per effect to make effects editing as easy as possible. Note: Octaver effect is meant for single-note playing. Chords will sound ugly if the morph knob is up. On the Comp+Chorus setting, this controls the compression level. You can first go to the chorus and set that effect, and the Comp+Chorus will use that setting.

6 **TAP TEMPO/TUNER ACTIVATION BUTTON**
Tapping this button will set the delay time. The Nano Vypyr remembers the delay time for the next power up. Holding this button down for 2 seconds will change the amplifier to Tuner Mode. In Tuner Mode, the amplifier is muted and the chromatic tuner is activated. Press again to exit tuner.

7 **TUNER DISPLAY**
Displays which note on the guitar is being tuned. A period in the lower right hand side of the display indicates a flat note, such as Gb. Do not confuse this with the flat/sharp indicator LED's above the display which indicate whether the displayed note is flat or sharp. When the green LED just above the Tuner Display is lit, the displayed note is perfectly in tune. A "-" on the display means the signal is too weak to track, so the string needs to be re-plucked.

8 **DELAY LEVEL CONTROL**
Controls the level of the Delay effect. The Delay effect can be present in addition to the other effects. To turn the delay off, simply turn the knob all the way counter-clockwise.

9 **LOW EQ**
Controls the amount of low EQ present in the signal.

10 **REVERB LEVEL CONTROL**
Controls the level of the Reverb effect. The Reverb effect can be present in addition to the other effects. To turn the reverb off, simply turn the knob all the way counter-clockwise.

11 **MID EQ CONTROL**
Controls the amount of mid EQ present in the signal

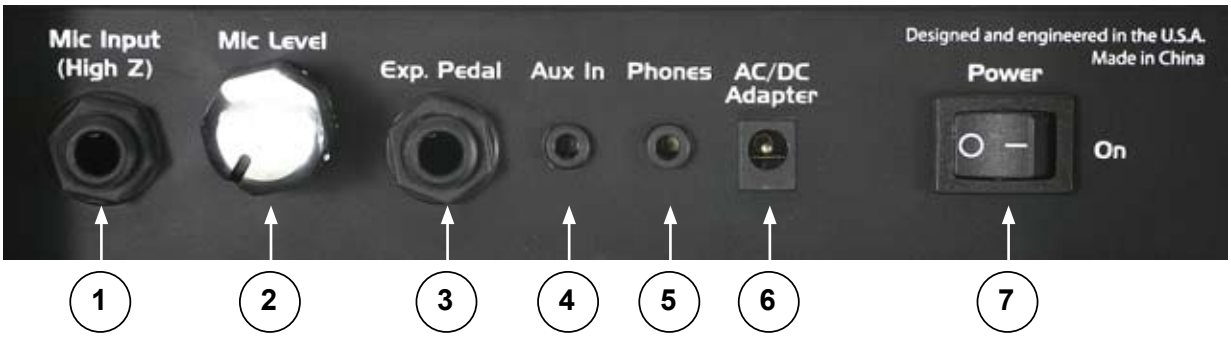
12 **MASTER VOLUME CONTROL**
Controls the overall volume of the amplifier. If a microphone or auxiliary device is being used, this control will also control the overall loudness of those devices.

13 **HIGH EQ CONTROL**
Controls the amount of high EQ present in the signal.

DEAD BATTERY WARNING: When the battery has been depleted, the display will flash "db". The Nano Vypyr will not function. Replace the battery with fresh D-cells.

CAUTION:
Take great care of the polarity of the batteries to insure they are not installed backwards.
Do not mix used and new batteries.
Do not mix battery type.
Do not expose device to water.
Remove batteries when device is not used for long periods of time to avoid damage caused by battery leakage.

Back Panel



1 **1/4" MICROPHONE INPUT**
1/4" high impedance microphone input. The microphone is routed internally to the output section of the Nano Vypyr and not through the amps and effects.

2 **MICROPHONE INPUT LEVEL**
Adjusts the input sensitivity of the 1/4" microphone input.

3 **EXPRESSION PEDAL INPUT**
Input for the optional expression pedal. The expression pedal will take the place of the Morph control on the top of the amplifier so that you may control effects parameters in real time. The Wah effect is actually an auto-wah effect until you plug in the expression pedal, at which time the pedal will operate the wah just like a normal wah-wah pedal.

4 **1/8" AUXILIARY INPUT**
High impedance 1/8" input for outboard equipment such as MP3 players, drum machines or CD players.

5 **1/8" HEADPHONE OUTPUT**
Output for listening to your Nano Vypyr through headphones or earbuds. Be careful not to listen to the Nano Vypyr at full volume or for extended times as this can lead to ear fatigue or even hearing loss.

6 **AC/DC ADAPTER**
The Nano Vypyr is equipped with the ability to run on 4 D cells. However, if you wish to use AC power, this is where you would plug in the included AC adapter. When using the adapter, the battery will switch off.
WARNING: DO NOT USE ANY ADAPTER OTHER THAN THE INCLUDED NANO VYPYR ADAPTER.

SLEEP MODE: If no audio is detected for 10 minutes, the Nano Vypyr enters sleep mode to conserve battery power. The display will flash "SL". To wake up the Nano Vypyr, press the tap tempo button.

LOW BATTERY WARNING: The Nano Vypyr monitors battery voltage and adjusts performance to maximize battery life and sound quality. The display will flash "LB" to indicate low voltage. Replace the battery with fresh D-cells for maximum performance.

7 **POWER SWITCH**
Switch to turn on/off your Nano Vypyr.

Specifications

BATTERY: Use quality 4 x D-cell alkaline (type ANSI 13A) (type #1)

POWER ADAPTER: Universal input voltage (100-240vac) to 6VDC / 3A

*Use only specified power adapter

POWER AMPLIFIER: Class-D

7W continuous into internal 8Ω speaker

GUITAR PRE AMPLIFIER: High voltage TransTube® guitar pre amp

INPUT IMPEDANCE: Guitar Input = 250KΩ

MICROPHONE INPUT = 150KΩ

AUXILIARY INPUT (stereo to mono) = 10KΩ

DIGITAL EFFECTS: 24-bit DSP engine

WEIGHT (with battery): 10 lbs / 4.53Kg

DIMENSIONS: W = 10.25" (26cm) H = 10.25" (26cm) D = 9.75" (25cm)