



1201 S. FLOWER STREET
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PITTBULL FIFTY/TWELVE COMBO, FIFTY/ST HEAD

FRONT PANEL, LEFT TO RIGHT

1. **INPUT HIGH** - High sensitivity input (also has a brighter tone)
2. **INPUT LOW** - Low sensitivity input (also has a slightly darker tone)
3. **GAIN** - Amount of overdrive. Initial set-up: 2 O'clock
4. **DRIVE** - Toggles between Drive and Clean channel
5. **VOLUME** - Pre FX loop. Initial set-up: 11 O'clock
6. **BOOST** - Switches from low gain (clean to slightly dirty) to medium gain (crunch to medium overdrive)
7. **TREBLE** - Initial set-up: 12 O'clock
8. **EDGE** - Frequency dependent gain boost; gain increases as you play up the neck.
9. **MIDDLE** - Initial set-up: 10 O'clock
10. **SHIFT** - Shifts Treble, Middle, and Bass shelving down
11. **BASS** - Initial set-up: 12 O'clock
12. **VOLUME** - Gain and volume for Clean channel, pre FX loop. Initial set-up: 11 O'clock
13. **BOOST** - Gain boost for Clean channel
14. **TREBLE** - Initial set-up: 2 O'clock
15. **BRIGHT** - High frequency boost (becomes less active as Volume increases)
16. **MIDDLE** - Initial set-up: 10 O'clock
17. **SHIFT** - Low midrange boost between Middle and Bass frequencies
18. **BASS** - Initial set-up: 12 O'clock
19. **Reverb** – Sets Reverb level for both channels. Automatically adjusts for drive level between channels.
20. **Presence** – High frequency equalization for power amp section.
21. **Graphic EQ** – Optional. Post gain. Pre F/X Loop. EQ equipped models have presence control on rear.
22. **STANDBY** - 1=Operate , 0= Standby
23. **MAINS** - Lovely emerald green, don't you think?

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REAR PANEL, RIGHT TO LEFT

1. PRESENCE – Rear panel Presence control on EQ equipped models only.
2. EFFECTS LEVEL/MIX – Sets effect return level in Series Mode, effect blend amount in Parallel Mode.
3. EFFECTS SEND – Preamp out to external effects. Also serves as preamp output for recording and slaving.
4. EFFECTS LEVEL - Sets overall send and return level (LOW = -10dB, HI = 0dB)
5. SERIES/PARALLEL – Sets loop for Series or Parallel operation. See FAQs at www.vhtamp.com for a complete explanation about Series and Parallel loop operation.
6. EFFECTS RETURN – Power amp input for return of external effects or other signal sources.
7. EFFECTS - Activates F/X Loop. Also activated by footswitch jack. Rear panel button must be OUT for footswitch to operate.
8. FOOTSWITCH – Connector for footswitch controller.
9. LINE OUT - Power amp line out jack.
10. LINE LEVEL - Power amp line level control.
11. SPEAKER OUTPUT - “Use First” jack must be plugged in for output to operate.
12. IMPEDENCE SELECT - 4,8,16 ohm (speaker jacks wired in parallel)

13A. POWER AMP MODE: ENHANCE/NORMAL/AUTO – ENHANCE operates power amplifier from a Silicon Rectifier for crisp tone and increased power amp dynamics. NORMAL operates power amplifier from a Tube Rectifier for smoother tone and increased power amp compression and distortion. This is accompanied by a slight reduction in output power to about 40 watts. AUTO ties the MODE SWITCH to the front panel or foot-controlled channel switching function. In this mode NORMAL operates on the CLEAN channel and ENHANCE operates on the DRIVE channel.

13B. POWER AMP MODE: Class AB/Class A – Class AB operates power tubes in fixed bias mode for full power for crisp highs and deep low end. Class A operated power tubes in Cathode Bias mode for full slightly reduced output (30 Watts in Class A/NORMAL Mode) and softer highs and lows.

14. EL34 / 6L6 SWITCH (Mounted on top of chassis) - EL34: Sets bias for operation with EL34 power tubes. 6L6: Sets bias for operation with 6L6 power tubes.