

Night Owl



15W Combo

Hand Crafted Tube Guitar Amplifier

VVT Amps

520 University Dr.
Waldorf, MD 20602
240-222-3830

www.vvtamps.com

Important Information:

1. Please read all of the information contained in this document.
2. **HUM** - Some hum or amplified noise is normal. As the volume is increased some amplified noise may be noticeable and will be more apparent in a small quiet room. Additionally, tubes have inherent noise as do resistors. However, excessive hum (noise) can be caused by electronic devices located near the amp or on the same circuit such as neon signs, fridges, fluorescent lights, computers, light dimmers, aquarium pumps, etc. Hum can vary with different outlets, rooms or buildings.
3. Do not operate this amp without a speaker load.
4. This amp is equipped with a 1 Amp Slo-Blo fuse. (I know the controls panel says 2A Slo-Blo but it's a mistake on the panel and will be corrected in subsequent builds.) If a problem develops with the amp, the fuse will open and the amp will not operate until it is replaced. After replacing the fuse, if the amp does not operate or continues to blow the fuse, the amp needs service.
5. This amp is fixed bias. If the output tubes are replaced the amp will have to be re-biased for the new tubes. The bias range resistor will need to be replaced to set proper bias for the new tubes. This work should be done by a qualified technician.

CAUTION

RISK OF ELECTRIC SHOCK

WARNING: This guitar amplifier contains lethal HIGH VOLTAGE. To avoid risk of INJURY or DEATH from electric shock, do not open the enclosure or remove the back cover from the amplifier. Refer all service work to qualified personnel.

WARNING: This amplifier contains Vacuum Tubes. Vacuum tubes are heated to produce electrical currents and they get HOT. Touching this surface could result in bodily injury. To reduce the risk of injury from a hot component, allow the surface to cool before touching. DO NOT touch or attempt to remove vacuum tubes until they have had time to cool.

IMPORTANT! FOR YOUR PROTECTION, PLEASE READ THE FOLLOWING:

WATER AND MOISTURE: This amplifier should not be used near water (near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, etc). Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

POWER SOURCES: The amplifier should only be connected to a 120VAC household power source. Gas/Diesel Powered Generators or DC-to-AC converters may damage the power transformer.

GROUNDING OR POLARIZATION: Precautions should be taken so that the grounding or polarization is not defeated. Do not remove the ground from the power cord.

POWER CORD PROTECTION: Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the amplifier.

SERVICING: You should not attempt to service this amp beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

FUSING: Your amplifier is equipped with a 1 Amp Slo-Blo fuse on the main control panel. Replace this fuse with the same type and rating ONLY. I KNOW THE CONTROL PANEL SAYS 2A SLO-BLO but it's a mistake that will be corrected on subsequent amps. That's why I'm saying this again. Also, DO NOT defeat a blown fuse with a jumper, aluminum foil, or other such nonsense. It's dangerous as hell. It could kill you. Or worse, it could cause a fire. Don't be a stupid idiot imbecile. Seriously....

MAINTAINING YOUR AMPLIFIER

1. Conductive foreign objects could produce a short circuit that could cause fire, electric shock, or damage to your amplifier. Avoid spilling liquids or allowing any other foreign matter inside the unit. The panel of your unit can be wiped from time to time with a dry or slightly damp cloth in order to remove dust and bring back the new look. As with all electronic equipment, avoid prolonged use in caustic environments (salt air). If used in such an environment, be sure the amplifier is adequately protected.

2. Your amp was designed for an 8 Ohm speaker load. The speaker load is reflected back to the primary of the output transformer and output tubes. **DO NOT** operate this amplifier with any speaker load other than that specified. **DO NOT** operate this amp without a speaker load. Failure to follow these instructions could seriously damage your amp and may void any warranty.

3. The vacuum tubes in your amplifier are not solid state devices. They do, and will wear out over time. The life expectancy of the tubes depends on the amount of time you use your amplifier. If you replace your tubes they should be replaced with the same type as originally installed. VVT Amps only guarantees tubes originally installed/delivered with the amplifier.

4. The tolex fabric covering the cabinet should be cleaned periodically with a soft damp cloth. Make sure that the amp is turned off and unplugged before cleaning the cabinet. **Do NOT** use spray cleaners as overspray may cause corrosion of the faceplate, chassis, or electrical components. Avoid prolonged exposure to sunlight. Do not allow the amplifier to get wet. Don't set your drink on it either. Use care when moving or storing the amp; the tolex could rip or tear. Accidental damage to the cabinet or tolex is not covered by your warranty.

USING YOUR AMPLIFIER

This is easy even if you are not mechanically inclined. There are only eight moving parts

1. POWER Switch: In the ON position Applies AC power to the transformer. In the OFF position removes power from the transformer.
2. STANDBY Switch: In the OFF position, the STANDBY Switch allows AC voltage to the tube filaments but stops DC voltages to the tubes. When you turn the amp on, allow the tubes to warm up 10 or 15 seconds before placing the STANDBY switch in the ON position. The amp will not operate unless the STANDBY switch is in the ON position.
3. INPUT Jack: Guitar input. This is a switching jack. When a guitar cord is not plugged in the input is grounded and vice versa. (So, yes, it is a moving part).
4. BRIGHT Switch: Down – Normal; Up – Bright
5. VOLUME Control: Controls the gain of the preamp and volume of the guitar or instruments plugged into the INPUT Jack.
6. TONE Control: Minimum is less treble more bass. Max is less bass more treble. Somewhere in the middle should be about right.
7. SPEED Control: Sets the speed of the tremolo. Minimum = Slow; Maximum = Fast
8. DEPTH Control: Duh...This control determines the strength of the tremolo. Minimum = Less; Maximum = Too Much
9. FOOTSWITCH: OK. I lied. There are nine moving parts. The footswitch plugs in to the RCA jack between the preamp tubes. The footswitch is not needed to operate the tremolo; it works fine without the footswitch. However, the tremolo is not absolutely 100% disabled unless the footswitch is plugged in and switched off.

IF YOUR AMPLIFIER WILL NOT TURN ON

Check power to the unit. Check for tripped household circuit breakers, unplugged extension cords or power-strip switches that may be turned off. Unplug the amp and check the fuse on the control panel. If the fuse is blackend or obviously open replace the fuse with the same type and value. If the fuse blows again the amp need service. Also, check your input and speaker output cables.

VVT Amps wants you to be happy with your amp so, if there are certain tonal characteristics that you desire, we will assist you in those endeavors and make every effort to help you get your mojo. There are many options for capacitors, transformers, and speakers available at prices ranging from modest to outrageous. All of these components affect the tone of your amplifier. Let us know if we can help.

About VVT Amplifiers

VVT Amplifiers makes vintage and modern style tube guitar amplifiers available to those musicians who want great guitar tone . The VVT Amps workshop is located at:

520 University Dr.
Waldorf, MD 20602
(240) 222-3830

Night Owl Amp

LIMITED WARRANTY

This amp is guaranteed against failure. Vacuum tubes are guaranteed for 60 DAYS from the date of purchase. If a tube fails within the 60 day period, VVT Amps will replace the tube at no charge. The speaker is guaranteed for ONE YEAR. The Cabinet is guaranteed against structural defects for ONE YEAR. All other electronic components are guaranteed for FIVE YEARS. VVT Amps will service your amplifier and supply all parts at no charge providing the unit is under warranty. Any shipping costs associated with repairs are your responsibility. VVT Amps DOES NOT PAY FOR PARTS OR SERVICE OTHER THAN OUR OWN. A COPY OF THE ORIGINAL SALES RECEIPT IS REQUIRED TO VERIFY YOUR WARRANTY. VVT Amps assumes no responsibility for external speakers or other equipment damaged by this guitar amplifier. This warranty does not cover, and no liability is assumed, for damage due to: natural disasters, accidents, abuse, loss of parts, lack of reasonable care, incorrect use, or failure to follow instructions. Accidental damage to the amplifier, cabinet, or Tolex is not covered. This warranty is in lieu of all other warranties, expressed or implied. No representative or person is authorized to represent or assume for VVT Amps any liability in connection with the sale or servicing of VVT Amp products. VVT Amps SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. If service is required you may contact VVT Amps at 240-222-3830 or vvtamps@vvtamps.com. We will respond as soon as possible and make arrangements to repair your amplifier. If your unit is out of warranty, VVT Amps will repair your amplifier but you will be charged the current RATE for

Specifications:

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| Model Name | Night Owl – Guitar Amplifier |
| Product Number | 909911221984 (Combo) |
| Model Number | 11221984-0011 (Combo) |
| Series | Night Owl |
| Type | All Tube Amp |
| Audio Output | 15 Watts into 8 ohms |
| Output Impedance | 8 ohms |
| Speakers | 1-10 Eminence 1058K (Alnico) or Celestion Ten 30 (Ceramic) |
| Channels | One |
| Features | 100% Handmade Vacuum Tube Amplifier Solid Pine Cabinet, Heavy Duty Handle, Standby Switch, Extension Speaker Jack (4 Ohms) Tube Rectifier |
| Controls | Front Panel: Instrument Input Jack Bright Switch, Volume, Tone, Speed, Depth 1 Amp Slo-Blow Fuse On/Off, Standby Switches Back Panel: Speaker Jacks (4/8 Ohm) |
| Covering | Brown Carved Leather Textured Vinyl with Beige Grille Cloth |
| Weight | 25 lbs. (Combo) |
| Cabinet Dimensions | Height: (Combo) Width: 20” Height: 17” Depth: 10” |
| Tube Complement | 1 X 5Y3 Rectifier Tube, 2 X TAD 6V6GT-STR Output Tubes 2 X JJ ECC83/12AX7 Preamp/Tremolo, Phase Inverter |
| Accessories | None |
| Options | None |
| Introduced | 8/2013 |
| Notice: | Product Prices, Features And Specifications Are Subject To Change Without Notice |