

Prototype

OWNER'S MANUAL

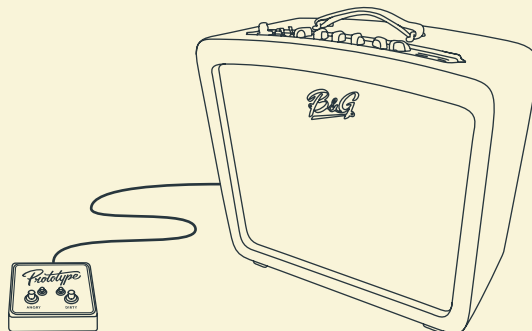
Prototype

The B&G Prototype™ Amp is our take on the classic tube amps of the 1950s & '60s. Inspired by the sound and design concepts of this era, our hearts and minds were set to combine the best features of those classics with our own ideas and innovation. Our main goal was to provide a great amount of clean headroom, and to push the breaking point higher, without compromising the power and growl of the tube overdrive and fuzz. In order to achieve that warm vintage sound, we went on a quest to source new old stock audio capacitors that would perfectly match all the other components. Each B&G Prototype™ amp is assembled and hand-wired in Israel by the B&G Private Build team.

This NOS capacitors edition is limited to 100 pieces worldwide.

Features include:

- New old stock capacitors
- Two 6V6 output tubes
- Three 12AX7 preamp tubes
- One 12AT7 tube
- 5Y3 rectifier tube
- 16 watts output power
- Two 10" Jensen® P-10R speakers for a rich, warm tone
- Two switch-operated gain stages - Dirty & Angry
- Push-pull volume knob for tighter bass and scooped mids
- Genuine Accutronics® tube-driven spring reverb unit with extended control
- Cathode bias - allows for a new set of tubes to be installed without any adjustments
- B&G solid brass control panel & tube guard
- B&G circuit-protecting power switch
- Arched birch cabinet
- Angry/Dirty foot-switch
- Fitted storage cover



SPECIFICATIONS

Type: PT 1

Part numbers:

PT12060(120V-,60Hz)US

PT23050(230V-,50Hz)EUR

PT1005060(100V-,50/60Hz)JPN

Power requirement: 100W

Input impedance: 1M Ω

Power amp output: 16W into 4 Ω @<10% THD, 1kHz

Speakers: Two 8ohm, 10", Jensen Special Deisgn P-10R, (ZJ05050)

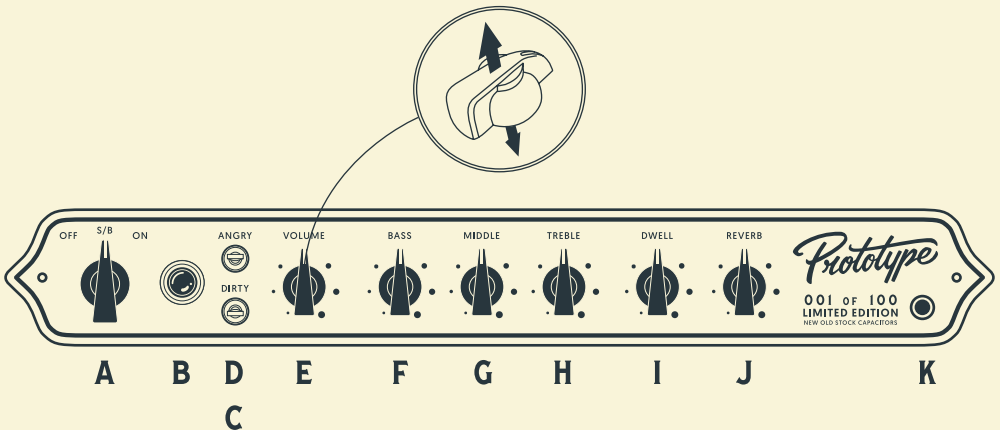
Dimensions: Height: 18.89 in (48 cm) • Width: 21.65 in (55 cm) • Depth: 9.84 in (25 cm)

Weight: 42.5 lb (19.3 kg)

Operation temperatures: 45° Celsius | 113° Fahrenheit

FRONT PANEL

- A. POWER - Rotary switch - Off / Standby / On
- B. POWER JEWEL - Indicates when the amplifier is ON.
- C. DIRTY - First gain stage
- D. ANGRY - Second gain stage
- E. VOLUME - Adjusts the loudness of the amplifier.
Badass Mode - Pull out volume knob for tighter bass and scooped mids
- F. BASS - Adjusts low-frequency tone character.
- G. MIDDLE - Adjusts mid-frequency tone character.
- H. TREBLE - Adjusts high-frequency tone character.
- I. DWELL - Adjusts the amount of signal sent to the reverb pan.
At low Dwell settings the reverb will decay faster. At high Dwell settings the reverb signal will decay slower and start to sound more “springy”.
- J. REVERB - Adjusts the level of the reverb effect.
- K. INPUT



REAR PANEL

- L. PLUG-IN CONNECTION FOR THE 4Ω INTERNAL SPEAKERS - A speaker must always be connected to this jack when the amplifier is ON. To avoid distortion or damage to the amplifier, use a 4Ω speaker impedance load.
- M. POWER CORD SOCKET - Connect to a grounded A/C outlet using the supplied power cord, in accordance with the voltage and frequency ratings specified on the rear panel of your amplifier. FUSE - Protects the amplifier from electrical faults. Replace a blown fuse only with the type and rating specified on the rear panel of your amplifier.



L

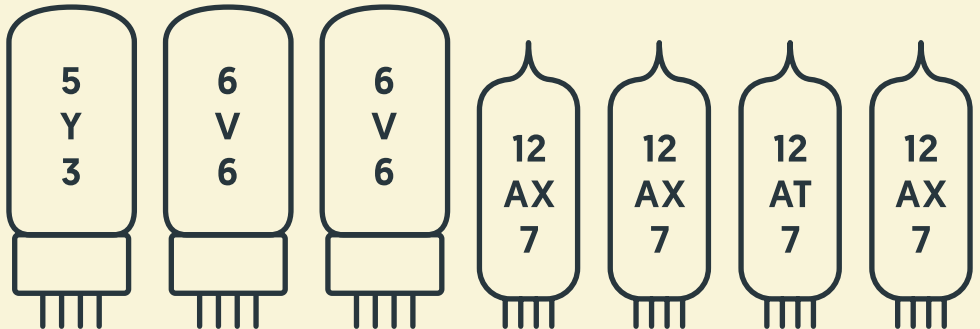
M

VACUUM TUBES

Your new B&G amplifier comes equipped with the highest quality tubes available, sourced from various manufacturers all over the world. Because of occasional irregularities in supply, the specific tube type used in each amplifier is subject to change without notice. When replacing output tubes, please note the specific tube markings on the original tubes supplied with your amplifier. For example, 6V6 output tube types used by B&G include, but are not limited to: 6V6GT; 6V6GTM; 6V6C; 6V6GE, etc. Replacement tubes should be installed by a qualified technician.

If you have questions or concerns, contact us or your local B&G GUITARS dealer.

Prototype™ tube locations from left to right (back view):



IMPORTANT SAFETY INSTRUCTIONS

Read and follow all instructions, heed all warnings.

- Connect the power supply cord only to an earth grounded AC receptacle. The grounding of this product must be maintained. Use only the power supply cord provided with this product.
- Unplug the power supply cord before cleaning the unit exterior (clean only with a dry cloth).
- Warning: to prevent damage, fire or shock hazard, do not use this apparatus near water or expose the amplifier to rain or moisture of any kind.
- Do not place liquid-filled containers on the unit.
- Do not block any ventilation openings to allow for proper ventilation and cooling of the amplifier. The device must be positioned at least 20 cm (7.8 in) away from walls with free air space in between, and there must be free air space of at least 50 cm (19.6 in) immediately above the unit within which no object(s) may be placed or positioned.
- Do not install near any heat sources such as radiators, stoves, or any other devices that produce heat.
- Do not place naked flame sources, such as lighted candles, on the product.
- This product may be equipped with a polarized plug (one blade wider than the other). This is a safety feature. If you are unable to insert the plug into the outlet, contact an electrician to replace your obsolete outlet.

Do not defeat the safety purpose of this plug.

- Protect the power cord from being stepped on or harmed in any way.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Only use the attachments/accessories specified by the manufacturer.
- To completely disconnect this apparatus from the AC mains, disconnect the power supply cord plug from the AC receptacle by pulling the mains plug at the wall socket or using an external circuit breaker
- The mains plug of the power supply cord shall remain readily operable at all times.
- Warning: Provide an earthing connection before the mains plug is connected to the mains. And, when disconnecting the earthing connection, be sure to disconnect after pulling out the mains plug from the mains.
- All servicing must be done by qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord/plug is damaged, liquid has been spilled or objects have fallen onto the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- Hazardous voltages may be present within the cabinet even when the power switch is off and the power cord is connected. Therefore, disconnect the power cord before servicing.
- Caution: Do not remove any covers or sections of the housing.
- Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in risk of fire or electric shock.
- This appliance is NOT suitable to be used by any person or persons (including children) with limited physical, sensorial or mental ability, or by persons with insufficient experience and/or knowledge to operate such an appliance. Children under 4 years of age must be kept away from this appliance at all times.
- This device is capable of producing very high sound pressure levels (in excess of 90 dB), which may cause temporary or permanent hearing damage. Exposure to extremely high noise levels may cause permanent hearing loss. Use care when setting and adjusting volume levels during use. Wear hearing protection if continuously exposed to such high levels.
- Caution: Unplug unit and allow it to cool before touching or replacing vacuum tubes.
- Keep these instructions for future use.



⚠ This symbol warns the user of dangerous voltage levels localized within the enclosure.

⚠ This symbol advises the user to read all accompanying literature for safe operation of the unit.

WARRANTY

B&G GUITARS warrants that the B&G Prototype™ amplifier you have purchased shall be free of any defects in parts and workmanship if used under normal operating conditions for a period of three (3) years from the date of purchase or initial lease, including speakers, cabinets, handles and cabinet hardware. Vacuum tubes are warranted for a period of ninety (90) days from the date of purchase or initial lease.

WHAT IS NOT COVERED

- Damage caused by negligence, abuse, modification, improper use, incorrect voltages, incorrect polarity, or the use of power supplies not recommended by the manufacturer.
- Damage caused by another product.
- General wear and tear.
- Damage caused during transportation of the product.
- Damage caused by repair or service carried out by persons not authorized by B&G GUITARS.
- A product with a serial number which has been defaced, removed etc.
- A product which was not purchased from an authorized dealer.

This Limited Warranty applies only to the original retail purchaser.

**IMPORTANT: PLEASE RETAIN YOUR ORIGINAL SALES RECEIPT,
AS IT IS YOUR PROOF OF PURCHASE VALIDATING THIS LIMITED WARRANTY**



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