

Suhr[®]

BELLA[™]
&
BELLA REVERB[™]
USER GUIDE



IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions
2. Keep these instructions
3. Heed all warnings
4. Follow all instructions
5. Do not use this apparatus near water
6. Clean only with dry cloth
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat
9. Protect the power cord from being walked on or pinched particularly at plugs and the point where they exit from the apparatus
10. Unplug this apparatus during lightning storms or when unused for long periods of time
11. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled on, objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
12. **CAUTION:** To disconnect the unit completely from the MAINS, unplug the unit. Turning the power switch off does not disconnect the unit completely from the MAINS.
13. The unit shall not be exposed to dripping or splashing. No objects filled with liquids, such as vases, should be placed on the unit.





Thank you for purchasing the **Suhr Bella** amplifier. Please take the time to read through this guide to familiarize yourself with its many features and applications.

OVERVIEW

Bella is a portable, American voiced, hand-wired, all-tube amplifier. Bella is designed to be the ideal grab-n-go amplifier and the ultimate platform for your pedalboard. Bella's simple and easy to use controls (including Boost and 3-position Bright switch) make it a snap to tailor the amp to your favorite boost, overdrive, fuzz and distortion pedals; while the effects loop is the ideal place for all of your chorus, flange, delay and reverb pedals.

The optional Tube-Driven Spring Reverb circuit was painstakingly designed to offer players the ultimate reverb experience without coloring or altering the sound of Bella or your instrument's natural tone.

Bella is powered by a duet of 6L6GC power tubes that deliver either 22 or 44 Watts of Class A/B power.

FRONT PANEL

POWERING INSTRUCTIONS

With the Power Select Switch in the Off position and the Standby/Wattage Switch in the middle (Standby), flip the power switch to the On position. Wait sixty seconds and then flip the Standby/Wattage Switch to the desired power (22W/44W) position.

To power down, simply flip the Standby/Wattage Switch to the middle position and then flip power switch to the Off position.

POWER SELECT SWITCH

ON: Power is switched On

OFF: Power is switched Off

STANDBY/WATTAGE SWITCH

44W: At this setting Bella provides 44 Watts of power.

Middle: Off, standby operation

22W: At this setting Bella provides 22 Watts of power.

INPUT

Use this jack to connect your guitar to Bella.

BOOST (2-Position)

This 2-position switch varies Bella's input gain stage via the front panel or the footswitch jack located on the back of the amplifier.

- **Down Position/Off:** No Boost
- **Up Position/On:** Provides +6dB of boost at the first stage.

BRIGHT (3-Position)

Whether you are plugging straight in, or using your favorite pedals, Bella's 3-position bright switch is designed to accommodate a variety of signal path set-ups.

- In the down position: the Bright switch is out of the circuit.
- In the middle position: Bella introduces a modest amount of brightness that brings out the guitar's upper frequencies.
- If you desire an organic chimy tone, set Bella's Bright switch to the up position. This position naturally opens up the top-end, allowing all of your guitar's higher frequencies to shine through.

NOTE: Setting Bella's Volume control to 10 , bypasses the Bright switch.

VOLUME

Bella's volume control adjusts both output and preamp gain levels. At higher settings this control changes Bella's breakup characteristics.

- At settings between 1-6, Bella provides pure clean tones, with a nice round low-end and plenty of sustain - ideal for a variety of Jazz, R&B and Pop playing styles.
- At settings between 7-10, Bella retains a tight punchy low-end while adding a bit of bark to the mids while introducing sparkle to the top-end - great for churning out some down home Country rhythm playing.



EQ OVERVIEW

Bella's tone shaping is accomplished via a modified passive tone network in which each control works independently to provide a extended range of tonal variations.

TREBLE

Turning the treble control clockwise increases the amount of high frequencies, which add clarity and definition. Turning it counter-clockwise produces a warm, Jazzy tone.

BASS

Turning Bella's bass control clockwise increases the amount of lows, adding body and fullness to your tone without losing low-end definition, unlike traditional American voiced amplifiers. Turning it counter-clockwise reduces bass resulting in a tighter, more defined bottom-end.

NOTE: Setting this control past 7 creates a slightly scooped, thicker tone that works great with T-style guitars.

PRESENCE

This adjusts the amount of upper mid frequencies added to Bella's power section. Turning it clockwise will increase definition and sparkle. Turning it counterclockwise will decrease it's emphasis, producing a warmer tone.

REVERB (on Bella Reverb)

This adjusts the amount of reverb. Turn clockwise to increase the ammount of reverb.





BACK PANEL

MAINS INPUT

Connect the supplied AC cable to this inlet to supply power to Bella.

MAINS FUSE

T2A/250V (Slo-Blo) - 100/120VAC

T1A/250V (Slo-Blo) - 230/240VAC

H.T. FUSE

F.5A/250V (Fast-Blo)

SPEAKER IMPEDANCE SELECTOR

Selects the speaker load 2Ω, 4Ω and 8Ω.

Set the selector to match the total load of the internal and parallel External Speakers.

NOTE: Always set to 8Ω when only using Bella's internal speaker.

EXTERNAL SPEAKER OUTPUTS

These two speaker outputs are wired in parallel with the internal speaker.

IMPORTANT: To avoid damage to your amplifier, do not operate without a speaker or suitable load. Doing so will void your warranty.

EFFECTS LOOP

Bella's is equipped with a full-featured, all-tube series effects loop which performs equally well with pedals and line-level rack gear via the loop's independent send and return controls.

SEND JACK

Use this jack to connect the input of your effects device or chain to Bella.

SEND LEVEL

To set the Send Level, turn this control to 4 and adjust the input level of the effect device (if available) to avoid clipping.

4-6 is normal for line level (rack effect devices)

3-5 is normal for instrument level (stompboxes)

NOTE: The send is always active.

RETURN JACK

Use this jack to connect the output of your effects device or chain to Bella.

RETURN LEVEL

To set the Return Level, turn this control to 4 and adjust the output level of the effect device (if available) until your signal is equal or at unity gain.

NOTE: To check for unity gain, switch Bella's loop in and out to compare the levels. Ideally, there should be no difference between when the loop is engaged or bypassed.

BOOST

Bella's Boost feature can be accessed remotely via a standard latching/On/Off style footswitch or control function device.

Please Note: Connecting this jack to an external switching source will override Bella's Boost Switch located on the front panel.

SAMPLE SETTINGS

WARM CLEAN



FAT TWANG



PEDAL CLEAN



PUSHED CLEAN



EASY BREAKUP



SPECIFICATIONS*

Channel: Single

Output: 22/44 Watts

Tubes: 2x6L6GC(Power Section), 3x12AX7(Pre-amp, Effects Loop, and Phase Inverter)
1x12AX7 (Reverb , Reverb model)

Mains Fuse

T2A/250V (Slo-Blo) - 100/120VAC

T1A/250V (Slo-Blo) - 230/240VAC

H.T. Fuse

F.5A/250V (Fast-Blo)

Front Panel: Input, Boost Switch (2-Position), Bright Switch (3-Position), Volume, Treble, and Presence, Standby/Wattage Selector Switch (44w/Standby/22w), Reverb Level (On Bella Reverb Model) and On/Off Power Switch

Back Panel: Mains Input Inlet, Mains Fuse, H.T. Fuse, Speaker Impedance Selector: (2 Ω , 4 Ω , & 8 Ω), 2-External Speaker Outputs, Effects Loop Return Level, Return and Send Jacks, Send Level, In/Out Switch and Boost Footswitch Jack.

Dimensions: 24" (W) x 9.90" (D) x 19.50" (H)

Weight: 50.8 lbs.

**All specifications subject to change without prior notice.*

SUHR.COM

WARRANTY FOR SUHR AMPLIFIERS AND ELECTRONIC PRODUCTS

For warranty information on the Suhr Hombre as well as all other Suhr products, please visit, www.Suhr.com/Warranty