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# bc audio

hand-made all-tube non-clone guitar amps

## *Amplifier No. 7*

### OWNER'S MANUAL Models A7, A7HB and A7C



Model A7



Model A7HB

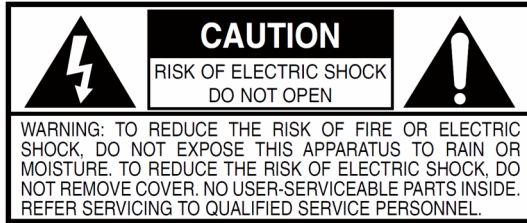


Model A7C

I designed Amplifier No. 7 to be the ideal rock amp for small club and concert work. It is a dual-channel non-Master Volume amp, meant to be played loud and driven hard. Construction is heavy-duty, meant for real-world use and abuse. It will drive any 8 or 16 ohm cab and works well with pedals. Amplifier No. 7 is made with the highest quality components, USA iron, and true point-to-point wiring.

I sincerely hope you enjoy playing your new Amplifier No. 7 as much as I enjoyed building it.

## IMPORTANT SAFETY INSTRUCTIONS



READ, FOLLOW, HEED, AND KEEP ALL INSTRUCTIONS AND WARNINGS. WE MAY COME TO YOUR HOUSE FOR VERIFICATION.

- DO NOT REMOVE SCREWS ON BOTTOM OF UNIT. LETHAL VOLTAGES LURK INSIDE. BOO! CONTACT THE MANUFACTURER FOR SERVICE INFORMATION. SERVICE MUST BE PERFORMED BY QUALIFIED PERSONNEL, NOT YOUR COUSIN WHO WIRED YOUR BASEMENT.
- THIS AMPLIFIER IS CAPABLE OF PRODUCING HIGH SOUND PRESSURE LEVELS. YEAH! CONTINUED EXPOSURE TO HIGH SOUND PRESSURE LEVELS CAN CAUSE PERMANENT HEARING IMPAIRMENT OR LOSS. WHAT? USER CAUTION IS ADVISED AND EAR PROTECTION IS RECOMMENDED IF UNIT IS OPERATED AT HIGH VOLUME, WHICH OF COURSE IT SHOULD BE.
- WHEN POWERED ON, THE TUBES MAY BECOME VERY HOT, HOT ENOUGH TO BURN SKIN ON CONTACT. SO DON'T TOUCH 'EM. AND KEEP OUT OF REACH OF CHILDREN AND PETS.
- DO NOT OPERATE WITHOUT SPEAKER OR OTHER SUITABLE LOAD CONNECTED TO THE SPEAKER JACK, AS DAMAGE TO THE AMPLIFIER AND YOUR REPUTATION MAY RESULT.
- DO NOT OPERATE NEAR ANY HEAT SOURCE, ESPECIALLY A SWEATY ONE.
- DO NOT OPERATE WITH VENTILATION OPENING(S) COVERED, AS THIS MAY OVERHEAT THE AMPLIFIER. DUH.
- DO NOT USE NEAR SPLASHING, FALLING, SPRAYING, OR STANDING LIQUIDS. AND DON'T EVER LET SOME FOOL SET HIS DRINK ON YOUR RIG.
- CLEAN ONLY WITH A LINT-FREE DRY CLOTH. DO NOT USE CLEANING AGENTS. WHO CLEANS THEIR AMP, ANYWAY?
- CONNECT POWER CORD ONLY TO A POLARIZED, SAFETY GROUNDED OUTLET WIRED TO CURRENT ELECTRICAL CODES AND COMPATIBLE WITH VOLTAGE, POWER, AND FREQUENCY REQUIREMENTS STATED ON THE APPLIANCE. THIS MEANS YOU.
- PROTECT THE POWER CORD FROM DAMAGE DUE TO BEING WALKED ON, PINCHED OR STRAINED. IF YOU SMELL AN ELECTRICITY LEAK, CALL THE AUTHORITIES IMMEDIATELY.
- UNPLUG THE APPARATUS DURING LIGHTNING STORMS, WHEN NOT IN USE OR FOR LATE-NIGHT SILENT OPERATION.
- REPLACE FUSE WITH CORRECT TYPE AND RATING AS INDICATED IN THIS MANUAL AND ON THE APPLIANCE. DO NOT STUFF WITH FOIL FROM YOUR CHEWING GUM.
- ONLY USE ATTACHMENTS, ACCESSORIES, STANDS OR BRACKETS SPECIFIED BY THE MANUFACTURER FOR SAFE OPERATION AND TO AVOID INJURY TO YOU AND MEMBERS OF THE AUDIENCE.

## ESSENTIAL INFORMATION

Tube placement, left to right (facing front of chassis):

	V5	V4	V3	V2	V1
15w Configuration	5Y3	6V6	6V6	6SL7	6SL7
25w Configuration	GZ34	5881	5881	6SL7	6SL7

Your amplifier is hard-wired for the correct line voltage for your region. The following data is for 120VAC line voltage.

Power: 120VAC, 60Hz, 1A

Fuse: 2A Slow Blow, Type 3AG, 1/4" x 1-1/4"

When replacing power tubes, always replace with a matched pair. It is not necessary to set the bias.

## FRONT PANEL CONTROLS AND FEATURES, Right to Left

**INPUT** Standard 1/4" guitar input jack.

**NORMAL VOL & BRIGHT VOL** By mixing Bright and Normal Channels, you can dial in an infinite variety of mellow to cutting tones. Both channels are active at all times.

**PRESENCE** This control works in the amp's power section to adjust the amp's overall brilliance.

**SPEAKER (on rear panel of A7HB and A7C)** Standard 1/4" speaker output jack. Always use speaker cables - NOT guitar cables - to connect speaker cabinets, or damage to the amplifier may occur. Do not operate the amplifier without a speaker or suitable load connected, as this can cause damage to the amplifier.

**POWER/STANDBY** Amplifier No.7 is equipped with a combination Power/Standby switch. To turn on the amp, move the POWER switch to the center STBY (Standby) position to allow the tubes to warm up. After a half-minute or so, flip the switch up to the ON position. To turn the amp off, simply flip the switch all the way down to OFF. There's no need to put it in Standby when shutting down.

**Power Indicator** Illuminates when POWER is set to ON.

**MAINS INPUT (on rear panel of A7HB and A7C)** Standard IEC power inlet. Always use a proper grounded power cable. Your amplifier shipped with a Hospital Grade cable for reliability.

**FUSE (on top of chassis of A7, on rear panel of A7HB and A7C)** Replace with same type and rating only.