



USER GUIDE

AV150-10

ACOUSTIC / VOCAL AMPLIFIER

C O N G R A T U L A T I O N S

on your new Circa 74® 2-in-1 Acoustic Guitar/Vocal Amplifier
and Amp Stand. Getting great-sounding amplified acoustic tone
is as easy as plugging in your guitar.

If you have any questions about your amplifier, please contact
Circa 74 Customer Service at 1-800-943-6782 in North America
or +31 (0) 20 667 6033 in Europe.

3	English
17	Français
33	Español
49	Italiano
65	Deutsch
81	Português
97	日本語

CONTENTS

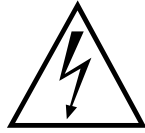
4	Safety Advisories
6	Control Panel Tour
7	Back Panel Tour
8	Bluetooth Instructions
9	Suggested Settings
11	Stand Assembly
12	Technical Specifications
14	Fuse Replacement
15 <u>14</u>	Certifications

All trademarks and registered trademarks mentioned herein are recognized as the property of their respective holders.

SAFETY ADVISORIES



This symbol is intended to alert the user to the presence of non-insulated “dangerous voltage” within the product’s enclosure.



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the unit.



Do not expose the device to dripping or splashing. Objects filled with liquids, such as vases or beverage containers, should not be placed on the device.



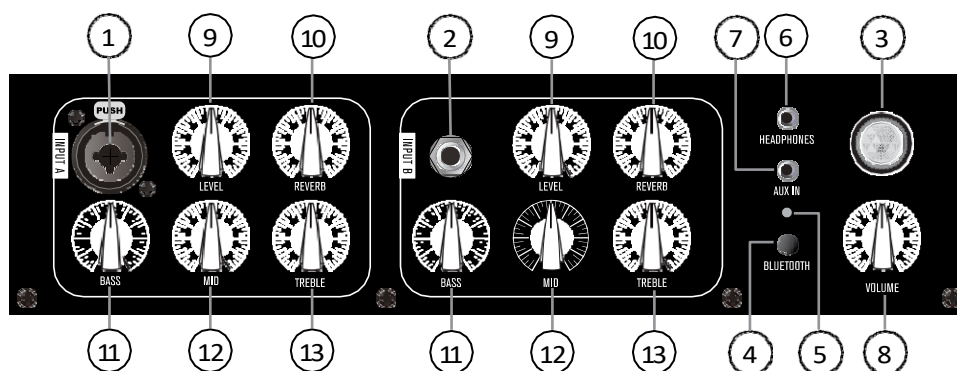
“CAUTION”
RISK OF ELECTRICAL SHOCK
DO NOT OPEN



SAFETY ADVISORIES

1. READ all safety and operating instructions before using this product.
2. KEEP all safety and operating instructions for future reference.
3. READ and understand all warnings listed in the operating instructions.
4. FOLLOW all operating instructions to use this product.
5. **WARNING:** To reduce the risk of electric shock, do not expose this apparatus to rain or moisture. This product should not be used near water, i.e., bathtub, sink, swimming pool, wet basement, etc.
6. Only use a dry cloth to clean this product.
7. **DO NOT** place this product near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
8. **DO NOT** alter any safety mechanism or remove the ground terminal of the grounding-type plug. Do not use an ungrounded power cable.
9. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
DO NOT remove the ground pin from the power supply cord.
10. Unplug this apparatus during lightning storms or when unused for a long period of time.
11. Care should be taken so that objects do not fall on the unit and liquids are not spilled into the unit or any other openings.
12. Refer all servicing to qualified service personnel. Servicing is required when the amplifier has been damaged in any way.
13. When a main plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
14. **DO NOT** plug any input jack from the amplifier directly into any output connection on the same amplifier, for risk of damage to the amplifier.

CONTROL PANEL TOUR



- 1 **INPUT A** Combination of balanced/unbalanced. For mic or guitar. XLR male or 1/4" phone plug.
- 2 **INPUT B** Specifically for guitar. 1/4" phone plug.
- 3 **POWER INDICATOR** Amber light when power is on. Power switch on back panel (Page 7).
- 4 **BLUETOOTH BUTTON** Hold to enable Bluetooth connections (See Bluetooth Instructions)
- 5 **BLUETOOTH INDICATOR** Flashes blue when looking for connections. Solid blue when device connected.
- 6 **HEADPHONE JACK** 3.5mm (1/8") Phone plug.
- 7 **AUXILIARY INPUT** 3.5mm (1/8") Phone plug.
- 8 **MASTER VOLUME** Controls volume of all input sources.
- 9 **INPUT LEVEL** Used to balance guitar or mic signals.
- 10 **REVERB** The mix level of a rich, room reverb effect. Go from lower on the knob for light room ambience to higher values of the knob for a deep atmosphere.
- 11 **BASS** General level control for low frequencies. (50 Hz – 250 Hz; center: 80 Hz)
- 12 **MID** General level control for midrange frequencies. (100 Hz – 3 kHz; center: 500 Hz)
- 13 **TREBLE** General level control for high frequencies. (2 kHz – 20 kHz; center: 15 kHz)

BACK PANEL TOUR



- ① **FUSE HOLDER** To replace fuse refer to page 13 of this manual.
- ② **POWER CABLE INLET** The amplifier uses a standard IEC 320-C13 cable (provided) to interface to the wall socket. In the event that the fuse in your amplifier becomes damaged, only replace it with the proper type indicated for your region's voltage in the table below the inlet.
- ③ **DIRECT OUT** Balanced XLR Connector to appropriate PA connection.
- ④ **LINE OUT** 1/4" Mono Audio Jack for line level output signal to line level input of another powered audio device.
- ⑤ **POWER SWITCH**
- ⑥ **SERIAL NUMBER**

BLUETOOTH INSTRUCTIONS

The only control on the amplifier that affects the Bluetooth Audio is the Master Volume, which also affects the volume level of the two physical XLR & 1/4-inch inputs.

You control the individual level of the Bluetooth Audio, with respect to the two physical amplifier input channels, using the volume controls on the Input Device.

The range of the Bluetooth connection varies depending on your Input Device and material properties of any walls or barriers between the Input Device and the amplifier. Test the connected range of the Input Device before any performance.

TO CONNECT

1. Enable Bluetooth on your Input Device and confirm it is not already connected to a device.
2. Turn volume on Input Device to maximum.
3. Turn amplifier Master Volume to "0."
4. Remain within 3 feet of amplifier while attempting to connect device.
5. Press and hold Bluetooth button on amplifier until the blue light flashes. If at this point the light goes from flashing to solid, it means it is already connecting to a device.
6. On your Input Device, look for the Bluetooth device labeled "Circa 74."
7. When the light stops flashing and remains solid blue, the amplifier is connected.
8. On your Input Device, select and play your audio source, such as a streaming service or audio file.
9. On the Amplifier, slowly increase the Master Volume until you hear the audio source playing on your Input Device.
10. Adjust Input Device audio source volume with the volume controls on the Input Device.

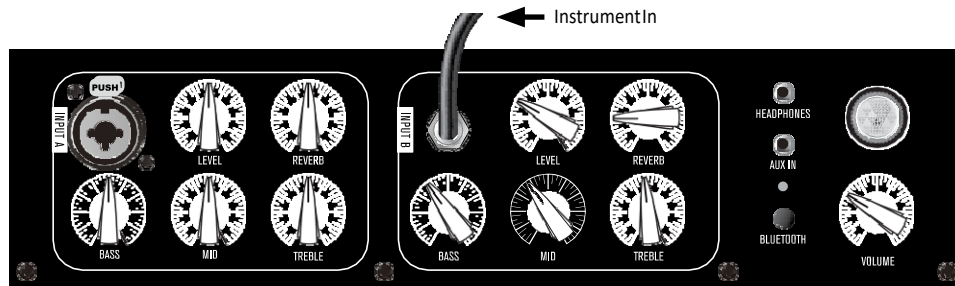
TO DISCONNECT

(EITHER)

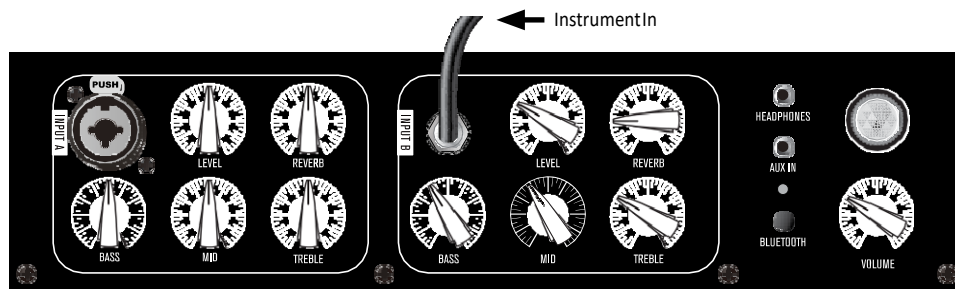
1. On your input device, follow the device instructions to disconnect a Bluetooth Device.
2. On the amplifier, hold the Bluetooth Button until the blue light shuts off.

SUGGESTED SETTINGS

The Circa 74 amp is designed for easy setup with any pickup. To get you started, here are some preset suggestions for a few of the most popular pickups and microphones. For each preset, the Channel and Master Volume levels are set at 3. The Reverb is also set at 3 because most people prefer some reverb with their amplified sound.

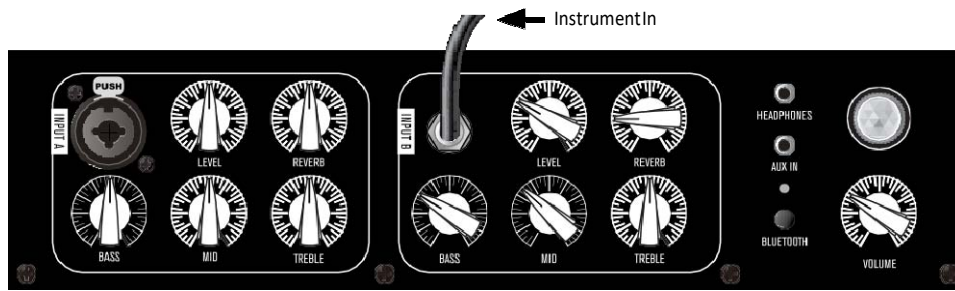


TAYLOR ES2

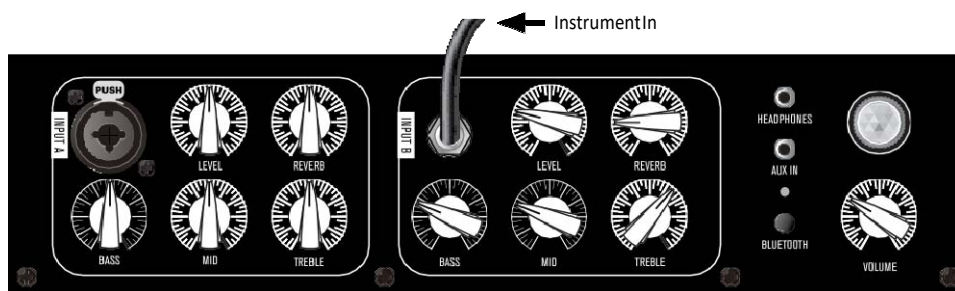


FISHMAN MATRIX INFINITY VT

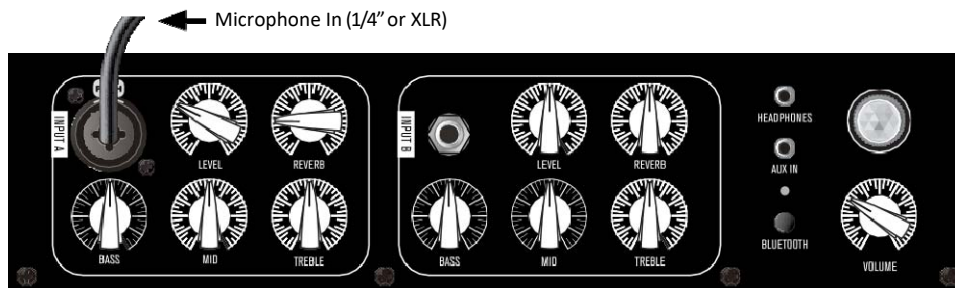
SUGGESTED SETTINGS



L. R. BAGGS ELEMENT



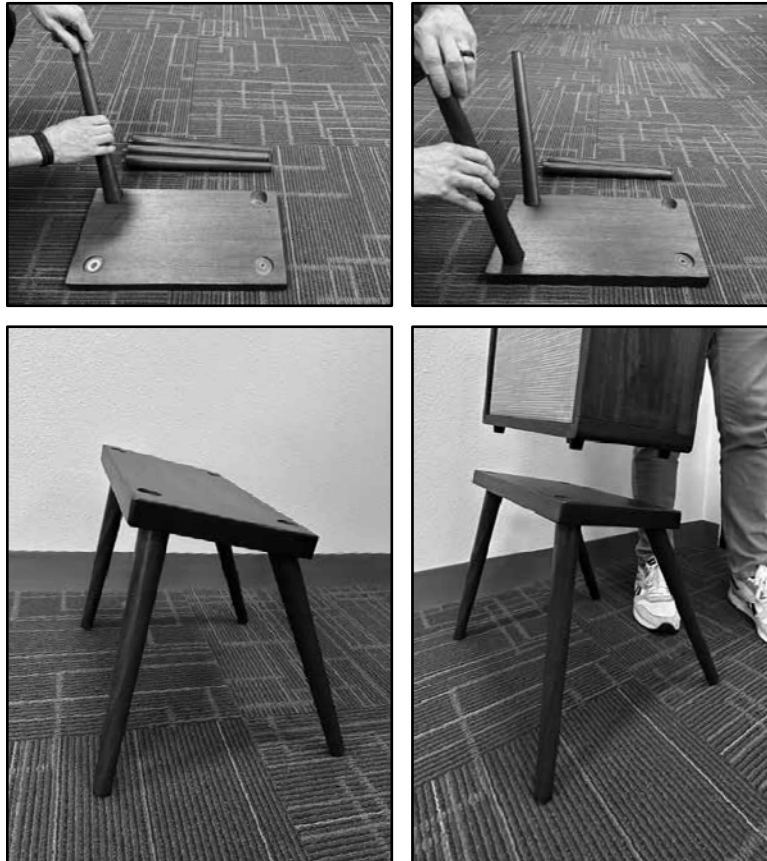
K&K PURE MINI ACOUSTIC GUITAR PICKUP



MICROPHONE (e.g., Shure SM58, Electro-Voice ND76, Telefunken M80)

STAND ASSEMBLY

Your Circa 74 amp comes with its own custom stand. Simply screw each of the four legs into one of the threaded holes in the bottom of the base. All of the legs are identical, so it doesn't matter which leg goes where. After you've assembled the legs into the base, set the stand upright and notice that the stand tilts up, which is the front. Gently place your amp on the stand, setting the amp's rubber feet into each of the shallow holes on the top of the base. That's it. You're ready to play.



TECHNICAL SPECIFICATIONS

AC POWER

100 - 240 V AC ~ 50 / 60 Hz

115 V AC 60 HZ All power measurements taken at 115 V AC 60 Hz

Max Current Draw	1.97 A max (at full output power)
Nominal Current Draw	230 mA
Fuse Recommended Type	250 V AC 2 A TL - Slow Blow Time Lag (5 mm X 20 mm)
Power Consumption (Idle)	12 W (No input signal, controls full C.C.W. position)
Power Consumption (Full Power)	152 W (100 Hz Sine wave 30 mV, controls full C.W. position)

230 V AC 50 HZ All power measurements taken at 230 V AC 50 Hz

Max Current Draw	1.1 A max (at full output power)
Nominal Current Draw	148 mA
Fuse Recommended Type	250 V AC 2 A TL - Slow Blow Time Lag (5 mm X 20 mm)
Power Consumption (Idle)	15 W (no input signal, controls full C.C.W. position)
Power Consumption (Full Power)	143 W (100 Hz Sine wave 30 mV, controls full C.W. position)

TECHNICAL SPECIFICATIONS

AUDIO POWER	
RMS Power	15025 W (8 Ω resistive
Input Sensitivity	30 mV (1000 Hz Sine wave controls full C.W. position)

INPUT RESISTANCE	
Input Resistance Balanced	3.6 k Ω @ 100 Hz (approximate)
Input Resistance Unbalanced	110k Ω @ 100 Hz (approximate)

PHYSICAL	
Nominal Weight	10kg/ 22 lbs. *Depends slightly on wood type and density
Depth	234 mm / 9.21 in.
Width	375 mm / 14.76 in.
Height	422 mm / 16.61 in.

Specifications are subject to change without notice.

FUSE REPLACEMENT

- ① Turn off power.
- ② Unplug the power cable.
- ③ Unscrew fuse holder with flathead screwdriver.
- ④ Replace blown fuse with new T2L250V fuse.
T : Denoting time lag; L : Denoting low breaking capacity
- ⑤ Reinstall fuse holder.
Keep a spare fuse ready for future use.
If fuse continues to blow, contact an amplifier repair professional

FCC STATEMENT

~~Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.~~

~~NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:~~

- ~~• Reorient or relocate the receiving antenna.~~
- ~~• Increase the separation between the equipment and receiver.~~
- ~~• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.~~
- ~~• Consult the dealer or an experienced radio/TV technician for help.~~

FCC RADIATION EXPOSURE STATEMENT

~~This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.~~

FUSE REPLACEMENT

FCC warning:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

-

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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- Consult the dealer or an experienced radio/TV technician for help.

-

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

IC warning

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le

F U S E R E P L A C E M E N T

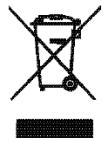
fonctionnement.

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20cm de distance entre la source de rayonnement et votre corps.

CALIFORNIA PROP 65 WARNING

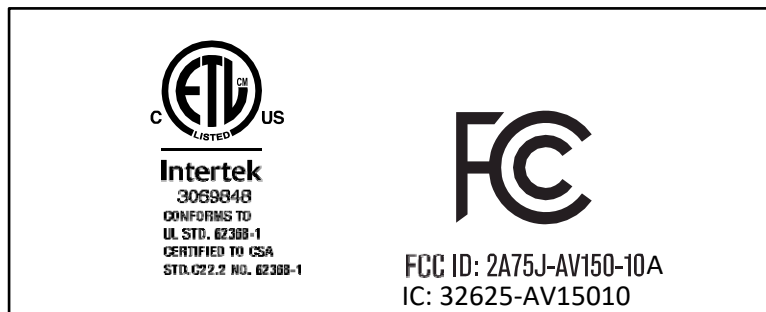
⚠ WARNING: This product can expose you to chemicals including Chromium (hexavalent compounds), which is known to the State of California to cause cancer, birth defects, or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.



This means that this product must not be disposed of along with ordinary household waste as electrical and electronic waste must be disposed of separately. In accordance with the WEEE directive, every member state must ensure correct collection recovery, handling and recycling of electrical and electronic waste. Private households in the EU can take used equipment to special recycling stations free of charge.

In some member states you can in certain cases return used equipment to the retailer from whom you purchased it, if you are purchasing new equipment. Contact your retailer, distributor or the municipal authorities for further information on what to do with electrical and electronic waste

CALIFORNIA PROP 65 WARNING



1980 Gillespie Way, El Cajon, CA 92020 USA (800) 943-6782

