



American Tweed

Limited Edition
Bass Speaker Cab

Welcome and Thank You

Thank you for purchasing a limited edition American Tweed bass speaker cabinet, and welcome to the Epifani family! You are about to experience Legendary Sound. We hope you love it.

Being an Epifani player puts you in the company of some of history's most influential bassists. After all, it was their invaluable feedback that helped Nick Epifani design every amp, combo, and cabinet down to the smallest detail. Over the past 23 years, we've been making bass gear in cooperation with legends like Anthony Jackson, Oteil Burbridge, and Ron Carter, just to name a few. Our relationship with them has shaped the Epifani experience you'll have today and in the future.

Your American Tweed is as much a piece of hand-crafted, hi-fi studio gear as it is a rugged, road-ready speaker cabinet. Every detail has been meticulously engineered to ensure you're able to dial in exactly the sound you want in any playing situation.

Limited Edition

The American Tweed series is a limited-run cabinet, hand built in small batches. Your cab is covered in authentic tweed just like the early days of cabinet design. It is also the only Epifani cabinet currently available with rear ports, custom ceramic drivers by Eminence, and a removable grill cloth. We wanted to give you the ultimate retro experience.

We designed American Tweed to help you get the perfect combination of warm, vintage tone with a healthy dose of Epifani punch and clarity.

We want you to have an incredible Epifani experience. So, if there is anything at all we can do to help, please feel free to get in touch any time. You can reach us online at www.Epifani.com/support or over the phone at (888) 925-3781.

Thank you. And, have fun!

- The Epifani Team



Safety Information

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 a dry cloth.
7. Do not block any ventilation openings. Install in accordance with all applicable 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. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cable from being walked on or pinched particularly at the plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to a qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.
16. Never push any foreign objects of any kind into the openings as they may touch dangerous voltage points that could result in fire or electric shock. The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids such as a beverage container should come in contact with the unit.
17. This apparatus has been designed with Class-I construction and must be connected to mains socket outlet with a protective earthing connection (the third grounding prong).
18. The MAINS plug or an appliance couple is used as the disconnect device, so the disconnect device shall remain readily operable.
19. Exposure to extremely high noise levels may cause permanent hearing loss. Individuals vary considerably in susceptibility to noise-induced hearing loss, but nearly everyone will lose some hearing if exposed to sufficiently intense noise for a period of time.

WARNING: TO REDUCE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.



AVIS: RISQUE DE CHOC ELECTRIQUE! NE PAS OUVRIR!



The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in literature accompanying the product.

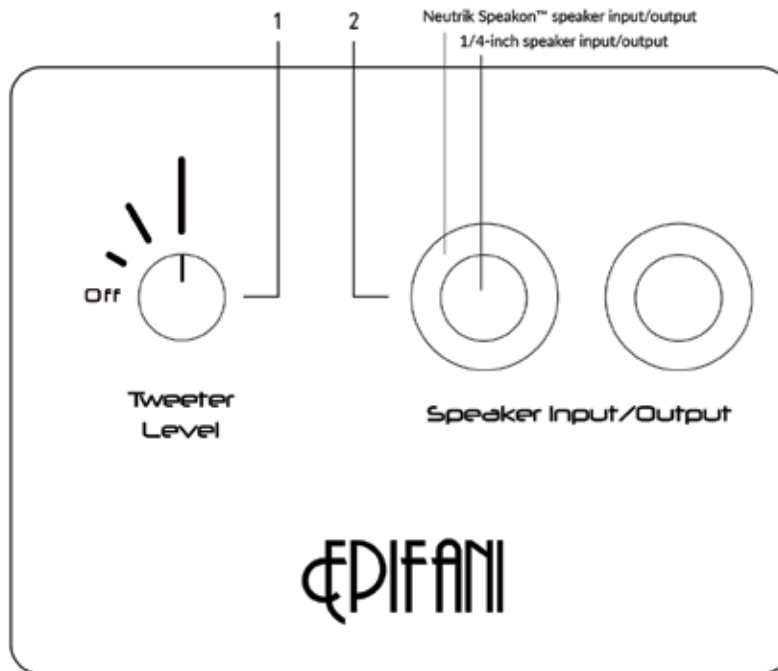
Control Panel

1. Tweeter Level

Attenuates the output level of the tweeter. Choose Low, Medium, High, or Off. Select high frequencies are sent to the tweeter via the integrated crossover.

2. Input/Output

Combination Neutrik Speakon™ and 1/4-inch TS connector, wired in parallel so you can plug in to either connector. We recommend Speakon-to-Speakon cables.



The input/output connections on the back of your cabinet are wired in parallel. If you daisy chain two 8 Ohm cabinets, you will have a total impedance of 4 Ohms.

If your amp's minimum load is 4 Ohms, it means that you can use one 8 Ohm, or two 8 Ohm cabinets, or a single 4 Ohm cabinet.

American Tweed cabinets are equipped with combo Neutrik Speakon connectors. This means that you can use a Speakon speaker cable or a 1/4-inch speaker cable to connect your amp and other cabinets.

In the center of the Speakon connector is a 1/4-inch jack that will accept a standard 1/4-inch speaker cable.

For higher power handling and a more secure connection, use Speakon-to-Speakon cables with a speaker wire of at least 16-gauge. A lower gauge number means thicker cabling. So, a 14-gauge cable is thicker in diameter and thus better than a 16-gauge cable. Thicker cabling means better low frequency transmission to the cabinet(s).

The pin connection inside the Speakon connector should be +1 and -1. Be sure to specify this configuration when buying your speaker cables. Although this is the most common style, it is not the only one available. The correct speaker cable is available from Epifani. To purchase, visit www.epifani.com

The Tao of Impedance

When connecting speaker cabinets to an amplifier, it is important to never exceed the minimum impedance for which the amplifier is rated. Many bass amps, like the Epifani Piccolo, for instance, have a minimum impedance rating of 4 Ohms (Ω).

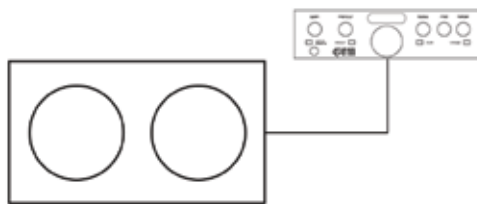
In this case, if the total impedance of the speaker cabinets connected to the amplifier is less than 4 Ohms, it could cause the amplifier to overheat and the protection circuitry to shut the amplifier off.

Using a single 4 Ohm or 8 Ohm cabinet will not

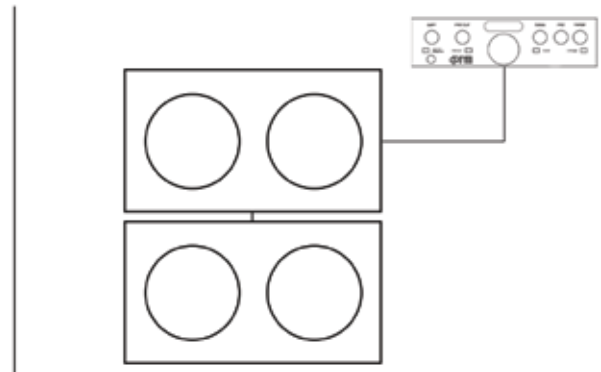
exceed the minimum impedance of most amps.

When combining two speakers, make sure they are both designed for 8 Ohm operation. Combining two 8 Ohm cabinets will give you a total impedance of 4 Ohms.

Do not combine two 4 Ohm cabinets unless your amp has a minimum impedance of 2 Ohms, like the Epifani UL 901 [1000W].



One 4 Ohm or 8 Ohm cabinet



Two 8 Ohm cabinets = 4 Ohms total impedance

ARE ALL YOUR CABS IN PHASE?

You can use your Epifani American Tweed cab(s) with other speaker cabinets. But watch out! Not all cabs are created equal.

When using other cabinets with your American Tweed, be sure the others are in phase. You can easily test the polarity, or phase, of those speakers using a 9 volt battery (the same battery used in most active basses). With this test you can make sure they are all moving in the right direction (forward!).

What does “out of phase” mean?

Sometimes, when you daisy chain two cabinets, you will note a lack of bass response. Typically, this means that one of the cabinets is “out of phase,” meaning its speaker is moving backwards when the other moves forward. This will cause them to cancel each other

out. You can readily notice this when a single cabinet has more bass and better response than when two are connected.

How to test

Here's how to verify phase: Take a 1/4-inch cable and connect one side to the cabinet. Touch the tip of the other end of the 1/4-inch jack to the “+” of a 9-volt battery, and touch the shaft to the “-” of the battery.

All the speakers should move forward when this connection is made. If it does, all the speakers are in phase. If one or more speakers move backwards, you have a cabinet that is wired out of phase. The problem can easily be corrected by a speaker technician.

Specifications

American Tweed 4x10

Configuration

4 x 10-inch 225 watt custom ceramic drivers
1-inch compression tweeter with attenuator

Impedance

4 Ohms

Performance

Power Rating: 900 watts RMS

Response: 38Hz - 16kHz

Sensitivity: 102 dB (1W @ 1m)

Hardware

2 x combo Neutrik Speakon™ and 1/4-inch connectors
Dado-joint construction, void-free Italian Lite Ply
Authentic tweed
High-impact steel corners
Steel recessed handles
Removable grill cloth

Weight & Dimensions

69 pounds (31.2 kg)

26.25 inches (h) x 23.5 inches (w) x 18.2 inches (d)

American Tweed 3x10

Configuration

3 x 10-inch 225 watt custom ceramic drivers
1-inch compression tweeter with attenuator

Impedance

4 Ohms

Performance

Power Rating: 675 watts RMS

Response: 40Hz - 16kHz

Sensitivity: 101 dB (1W @ 1m)

Hardware

2 x combo Neutrik Speakon™ and 1/4-inch connectors
Dado-joint construction, void-free Italian Lite Ply
Authentic tweed
High-impact steel corners
Steel recessed handles
Removable grill cloth

Weight & Dimensions

57 pounds (25.8 kg)

22.75 inches (h) x 21.1 inches (w) x 18 inches (d)

American Tweed 2x10

Configuration

2 x 10-inch 225 watt custom ceramic drivers
1-inch compression tweeter with attenuator

Impedance

8 Ohms

Performance

Power Rating: 450 Watts RMS

Response: 42Hz - 16kHz

Sensitivity: 100 dB (1W @ 1m)

Hardware

2 x combo Neutrik Speakon™ and 1/4-inch connectors
Dado-joint construction, void-free Italian Lite Ply
Authentic tweed
High-impact steel corners
Steel recessed handles
Removable grill cloth

Weight & Dimensions

46 pounds (20.8 kg)

22.75 inches (h) x 19 inches (w) x 16.2 inches (d)

American Tweed 1x12

Configuration

1 x 12-inch 300 watt custom ceramic driver
1-inch compression tweeter with attenuator

Impedance

8 Ohms

Performance

Power Rating: 300 Watts RMS

Response: 45Hz - 16kHz

Sensitivity: 98 dB (1W @ 1m)

Hardware

2 x combo Neutrik Speakon™ and 1/4-inch connectors
Dado-joint construction, void-free Italian Lite Ply
Authentic tweed
High-impact steel corners
Leather handle
Removable grill cloth

Weight & Dimensions

37 pounds (16.7 kg)

19.25 inches (h) x 16.25 inches (w) x 16.62 inches (d)

Warranty Information

Your American Tweed bass speaker cabinet is covered under a limited warranty against defects in materials and workmanship for a period of 1 year. This warranty is non-transferable.

The warranty period starts from the date of purchase from an Authorized Epifani Dealer. Proof of purchase from an Authorized Epifani Dealer is required for warranty service.

You must obtain a return authorization number from an Epifani team member before sending your amp to Epifani for repair. Please contact us at www.Epifani.com/support. Any product shipped to Epifani without a return authorization number will be refused.

You may be responsible for shipping charges. Epifani is not responsible for shipping damage, either to or from our service center. Claims must be filed with the carrier.

The only company in the US authorized to perform work under this warranty is Epifani located in New York, NY.

Warranty Service may be different in your country. Please contact the Epifani distributor in your country for terms and procedures.

Questions? Visit www.Epifani.com/support and tell us how we can help.

www.EPIFANI.COM
