

JET★CITY

AMPLIFICATION

JETTENUATOR

GUITAR AMPLIFIER ATTENUATOR | LOAD DEVICE
with integrated MicSim

OWNER'S MANUAL

WELCOME TO JET CITY

Thank you for purchasing the Jet City Amplification Jettenuator. This device is commonly known as an attenuator, or load-box, and is designed to allow your tube amplifier to operate at a high output level - where it will sound best - but at a significantly reduced room volume.

Jettenuator can be used effectively in rehearsal, live performance, and recording environments, to deliver great tones in situations where loud volume is not desired. And the inclusion of our MicSim circuit adds the convenience of a speaker-like output without the need of a speaker cabinet or microphone. Think of it as being able to plug your tube head directly into a mixing board with a sound like a live-room mic'd up amp.

DANGER: RISK OF ELECTRIC SHOCK, DO NOT OPEN
ATTENTION: RISQUE DE CHOC ELECTRIQUE, NE PAS OUVIR
ACHTUNG: STROMSCHLAG GEFÄHRDUNG, NICHT AUFMACHEN

CAUTION: To reduce the risk of electric shock, do not remove cover or open rear panel. No user serviceable parts inside: refer handling to qualified personnel. To reduce the risk of fire or electric shock, do not expose this product to rain or moisture.

Uninsulated dangerous voltage may be present inside the enclosure – voltage that may be sufficient to constitute a risk of shock.

Changing your amplifier tubes is safe, after allowing them to cool.

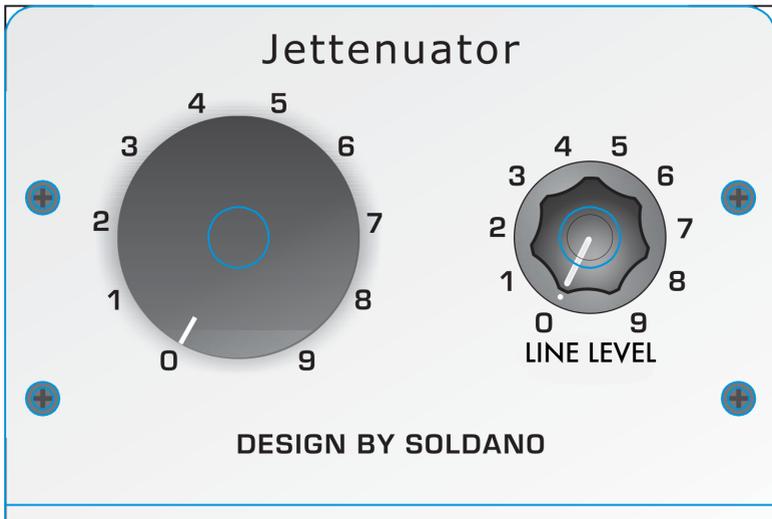
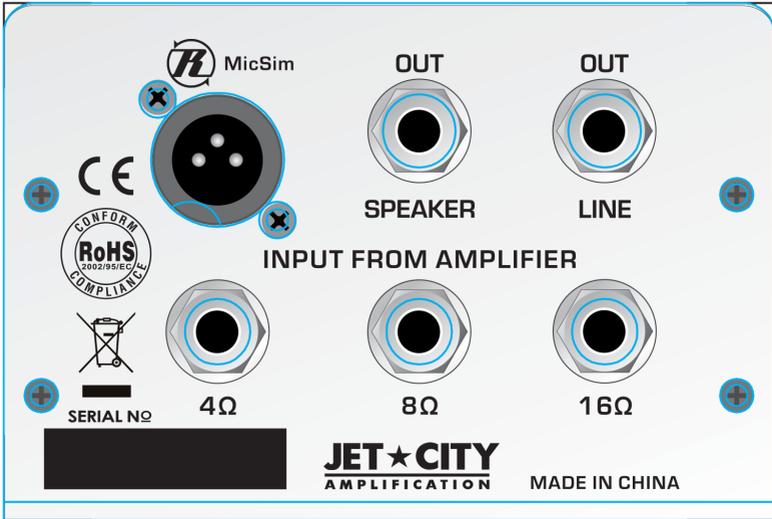
There is no set timeline for changing tubes. If you play every day, a good rule of thumb is to replace your power tubes once a year and your preamp tubes every other year. However, it is entirely possible for tubes, particularly preamp tubes, to last decades. Here are some signs that you need to change your tubes:

Excessive noise like squealing, humming, or hiss
Little or no high end or muddy low end or loss of clarity
Mysterious fluctuations in the amp's overall volume or no sound

Most Jet City Amplification tube amps operate on a Fixed-bias, which allows you to change both preamp and power tubes of the same type without needing a bias adjustment. Fine adjustment to the bias is possible, but only by a qualified service technician.

Controls and Connectors:

1. MicSim - this is a low-impedance, mic-level output. Connect directly to the mixing console at a live venue or recording environment.
2. OUT SPEAKER - connect to your speaker cabinet to hear your amplifier as normal. Jettenuator is a full-load device, so it is not necessary to use this connector in all applications. Note a reduction in output level of approximately -3dB even with the level set at 9 is inherent to the design of Jettenuator. If a speaker is not connected, set the Jettenuator control at 2 to provide the proper ohm load on your amplifier's output.
3. OUT LINE - this output runs at LINE or Effects level. Unlike the Mic-Sim, the LINE LEVEL out is not speaker-compensated. You can send this output to your effects processors and/or power amp for monitoring.
4. INPUT FROM AMPLIFIER - connect the output of your amp to the input of Jettenuator here. Choose 4 ohm, 8 ohm, or 16 ohm amplifier outputs, but do NOT use more than one of these input simultaneously.
5. Jettenuator Control - this continuously variable control is labeled 0~9 for your convenience. Please note as mentioned above, when this control is set to the maximum of 9 your output will still be attenuated by approximately -3dB. ALSO note, when set to 0 you probably won't hear anything from the SPEAKER (if connected) but it is possible with an extremely powerful amp - 100 watts or so - running very loud, there might be a small amount of leakage to the speaker. Set at 2~3 for nominal ohm load.
6. LINE LEVEL - Set the level of #3 OUT LINE. Approximately 0dB ~ -10dB, however as with the output to speaker, it is possible and extremely loud input may result in some LINE output level even when this control is set to 0.



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WARRANTY

Jet City Amplification warrants the mechanical and electronic components of this product to be free of defects in material and workmanship for a period of one (1) year from the original date of purchase, in accordance with the warranty described below. If this product shows any defects within the specified warranty period which are not excluded under this warranty, Jet City Amplification shall, at its discretion, either replace or repair the product using suitable new or reconditioned parts. In the case in which other parts are used which constitutes an improvement, Jet City Amplification may, at its discretion, charge the customer for these parts. If the warranty claim proves to be justified, the product will be returned to the customer freight prepaid. Warranty claims other than those indicated above are expressly excluded.

To obtain warranty service, the buyer (or his authorized dealer) must call Jet City Amplification or Authorized Jet City Amplification Distributor (current list and contact information can be found at www.jetcityamplification.com) during normal business hours before returning the product. All inquiries must be accompanied by a description of the problem. Jet City Amplification will then issue a Return Authorization Number (RA Number).

Once the RA Number has been obtained, the product must be returned in its original shipping carton. The return Authorization Number must be printed clearly on the shipping label on the outside of the box, and included with the returned product. Both the product in its original package and the Return Authorization Number must be shipped to the address indicated by Jet City Amplification.

Warranty services will not be furnished if the product is not returned with the original sales receipt. Tubes and loudspeaker drivers are considered maintenance items and are excluded from all warranty claims. If the product needs to be modified or adapted in order to comply with technical or safety standards on a national or local level, in any country which is not the country for which the product was not originally developed and manufactured, this modification/adaptation shall not be considered a defect in materials or workmanship. This warranty does not cover any such modification/adaptation, irrespective of whether it was executed properly or not. Under the terms of this warranty Jet City Amplification shall not be held responsible for any cost resulting from such a modification/adaptation.

Free inspections and maintenance/ repair work are expressly excluded from this warranty, in particular, if caused by improper handling of the product by the user. This applies to defects caused by normal wear and tear of items such as knobs, tolex and similar parts. Damages caused by the following conditions are not covered by warranty:

Improper handling, neglect or failure to operate the unit in compliance with the instructions given in the Jet City Amplification user manual. Connection or operation of the unit in any way that does not comply with the technical or safety regulations applicable in the country where the product is used. Damages/defects caused by force majeure or any other condition that is beyond the control of Jet City Amplification

Any repair or opening of the unit by unauthorized personnel (user included) will void the warranty. In an inspection of the product by Jet City Amplification shows that the defect in question is not covered by warranty, the inspection costs are payable by the customer.

Products which do not meet the terms of the warranty shall be repaired exclusively at the buyer's expense. Jet City Amplification will inform the buyer of any such circumstance. If the buyer fails to submit a written repair order within six (6) weeks, Jet City Amplification shall return the unit to the customer C.O.D with an invoice that will include charges for the inspection and a separate additional charge for freight and packing costs. Such costs will also be billed separately when a customer has sent in a unit for repair with a written repair order form.

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