behringer 1033 DUAL ENVELOPE GENERATOR

behringer 1033 DUAL ENVELOPE GENERATOR User Guide

behringer 1033 DUAL ENVELOPE GENERATOR User Guide

behringer 1033 DUAL ENVELOPE GENERATOR

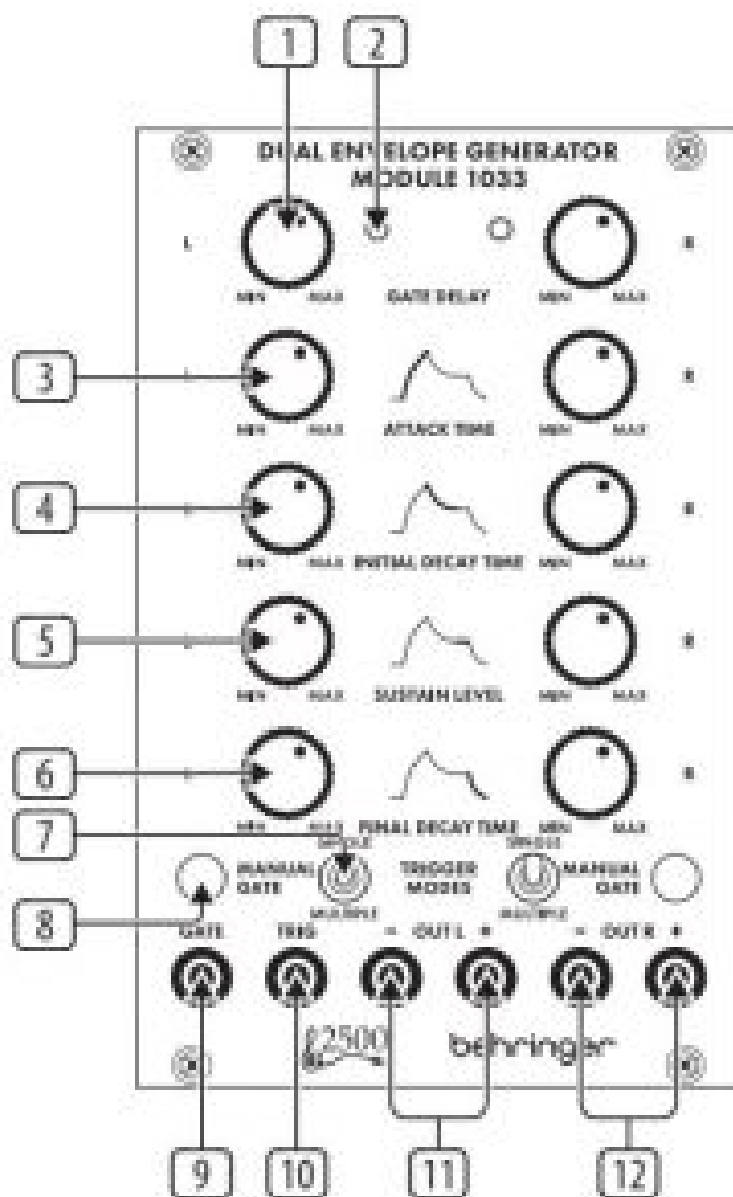Legendary 2500 Series Analog Envelope Generator Module for Eurorack

LEGAL DISCLAIMER

Music Tribe accepts no liability for any loss which may be suffered by any person who relies either wholly or in part upon any description, photograph, or statement contained herein. Technical specifications, appearances and other information are subject to change without notice. All trademarks are the property of their respective owners. Midas, Klark Teknik, Lab Gruppen, Lake, Tannoy, Turbosound, TC Electronic, TC Helicon, Behringer, Bugera, Oberheim, Auratone, Aston Microphones, Aston Microphones and Coolaudio are trademarks or registered trademarks of Music Tribe Global Brands Ltd. © Music TribeGlobal Brands Ltd. 2021 All rights reserved.
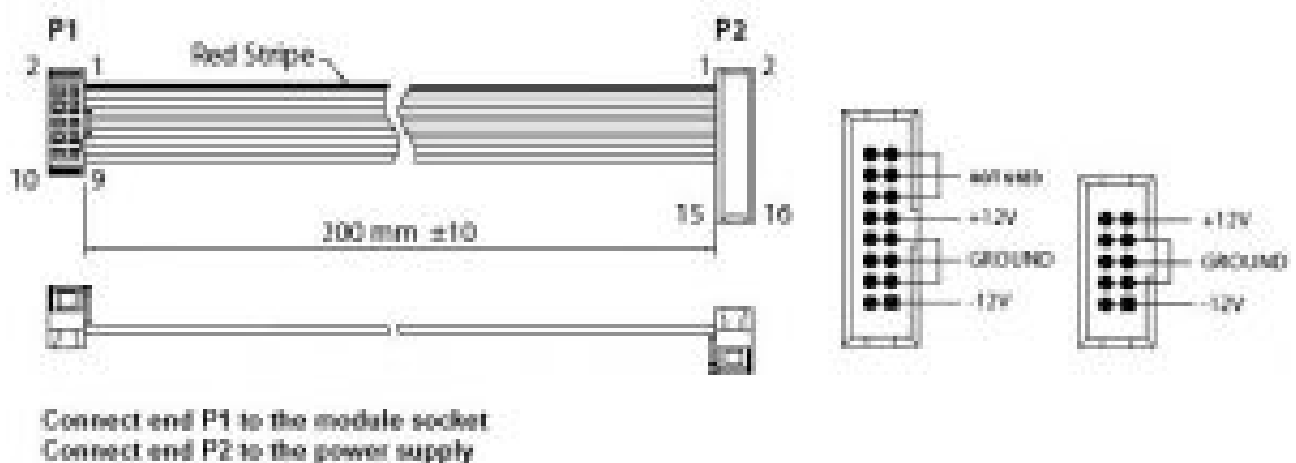
LIMITED WARRANTY

Dual Envelope Generator Module 1033 Controls

⟨14⟩ Controls

⟨1⟩ **GATE DELAY** – Delays the envelope cycle up to 3 seconds from initial gate input.

⟨2⟩ **SIGNAL LED** – Indicates when a gate signal is present.

⟨3⟩ **ATTACK TIME** – Adjusts the rate at which the envelope reaches its peak voltage.

⟨4⟩ **INITIAL DECAY TIME** – Adjusts the rate at which the envelope decays from its peak to its designated sustain level.

⟨5⟩ **SUSTAIN LEVEL** – Controls the level at which the envelope remains after its peak but before release, sustaining as long as the input signal is present or the manual gate button is held down.

⟨6⟩ **FINAL DECAY TIME** – Controls how quickly the envelope falls after the input signal stops or the manual gate button is released.

⟨7⟩ **TRIGGER MODE** – Selects between single mode, where only the gate signal controls the envelope, or multiple mode, which uses a positive trigger pulse to re-trigger the envelope while a gate signal is present.

⟨8⟩ **MANUAL GATE** – Press and hold to start the envelope cycle.

⟨9⟩ **GATE** – Connect a gate signal to control the envelope cycle.

⟨10⟩ **TRIG** – Triggers a new attack of the envelope if a gate signal is also present.

⟨11⟩ **OUT L** – Send the left envelope positive and negative control voltages to other modules via 3.5 mm TS cable.

⟨12⟩ **OUT R** – Send the right envelope positive and negative control voltages to other modules via 3.5 mm TS cable.

Power Connection

Connect end P1 to the module socket
Connect end P2 to the power supply

The module comes with the required power cable for connecting to a standard Eurorack power supply system. Follow these steps to connect power to the module. It is easier to make these connections before the module has been mounted into a rack case.

1. Turn the power supply or rack case power off and disconnect the power cable.
2. Insert the 16-pin connector on the power cable into the socket on the power supply or rack case. The connector has a tab that will align with the gap in the socket, so it cannot be inserted incorrectly. If the power supply does not have a keyed socket, be sure to orient pin 1 (-12 V) with the red stripe on the cable.
3. Insert the 10-pin connector into the socket on the back of the module. The connector has a tab that will align with the socket for correct orientation.
4. After both ends of the power cable have been securely attached, you may mount the module in a case and turn on the power supply.

Installation

The necessary screws are included with the module for mounting in a Eurorack case. Connect the power cable before mounting.

Depending on the rack case, there may be a series of fixed holes spaced 2 HP apart along the length of the case, or a track that allows individual threaded plates to slide along the length of the case. The free-moving threaded plates allow precise positioning of the module, but each plate should be positioned in the approximate relation to the mounting holes in your module before
attaching the screws.

Hold the module against the Eurorack rails so that each of the mounting holes are aligned with a threaded rail or threaded plate.

Attach the screws part way to start, which will allow small adjustments to the positioning while you get them all aligned. After the final position has been established, tighten the screws down.

Specifications

Inputs		
Gate		
	Type	3.5 mm TS jack, DC coupled
	Impedance	>35 kΩ
	Min gate threshold	+4 V
	Max input level	+12 V
Trig		
	Type	3.5 mm TS jack, DC coupled
	Impedance	>20 kΩ
	Min trigger threshold	+4 V
	Max input level	+12 V

Outputs

Out A

Type	2 x 3.5 mm TS jacks, DC coupled
Impedance	1 kΩ
Max output level	-10 V or +10 V

Out B

Type	2 x 3.5 mm TS jacks, DC coupled
Impedance	1 kΩ
Max output level	-10 V or +10 V

Controls

Gate delay	0 to 2.5 s
Attack	1 ms to 2 s
Initial decay	5 ms to 6 s
Sustain	-10 V or +10 V
Final decay	5 ms to 6 s
Trigger modes	Single - gate controls envelope Multiple - trigger pulse + gate controls envelope
Manual gate	Envelope cycle start

Power

Power supply	Eurorack
Current draw	50 mA (+12 V), 20 mA (-12 V)

Physical

Dimensions	42 x 81 x 129 mm (1.7 x 3.2 x 5.1")
Rack units	16 HP
Weight	0.17 kg (0.37 lbs)

Note: Operation Ambient Temperature up to 45oC

FEDERAL COMMUNICATIONS COMMISSION COMPLIANCE INFORMATION

Behringer

DUAL ENVELOPE GENERATOR
MODULE 1033

Responsible Party Name: Music Tribe Commercial NV Inc.
Address: 5270 Procyon Street,
Las Vegas NV 89118,
United States
Phone Number: +1 702 800 8290

DUAL ENVELOPE GENERATOR MODULE 1033
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.

This equipment complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Important information:
Changes or modifications to the equipment not expressly approved by MUSIC Tribe can void the user's authority to use the equipment.

$$C\,\epsilon$$

Hereby, Music Tribe declares that this product is in compliance with Directive 2014/30/EU, Directive 2011/65/EU and Amendment 2015/863/ EU, Directive 2012/19/EU, Regulation 519/2012 REACH SVHC and Directive 1907/2006/EC.

Full text of EU DoC is available at **https://community.musictribe.com/**
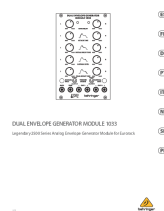EU Representative: Music Tribe Brands DK A/S
Address: Ib Spang Olsens Gade 17, DK – 8200 Aarhus N, Denmark

We Hear You

Read More About This Manual & Download PDF:

Documents / Resources

	behringer 1033 DUAL ENVELOPE GENERATOR [pdf] User Guide 1033, DUAL ENVELOPE GENERATOR

References

- Ⓜ **Music Tribe**