



behringer 1003 Dual Envelope Generator Module User Guide

[Home](#) » [Behringer](#) » behringer 1003 Dual Envelope Generator Module User Guide 

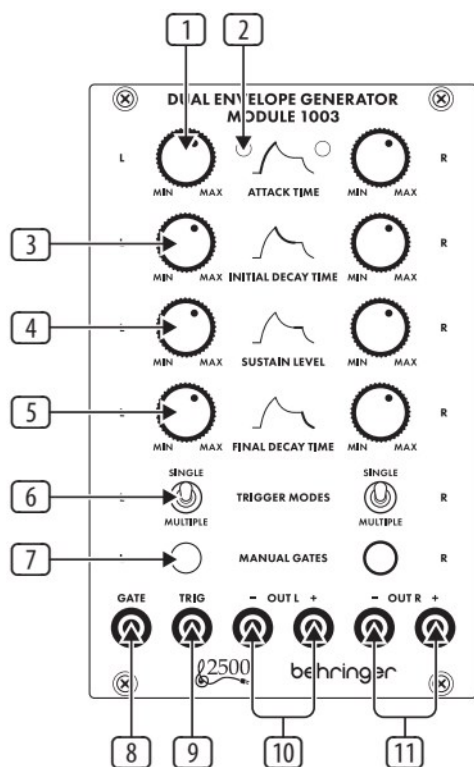
behringer 1003 Dual Envelope Generator Module User Guide



Contents

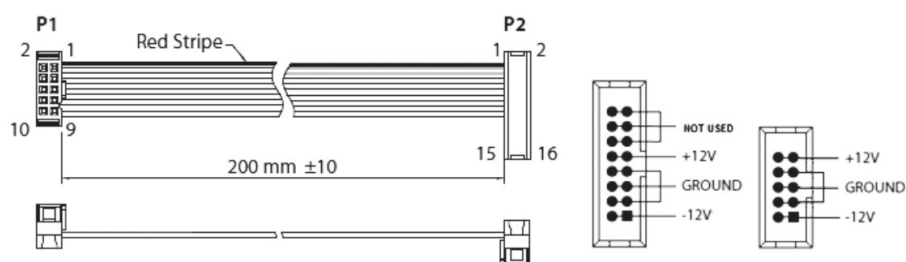
- [1 Controls](#)
- [2 Power Connection](#)
- [3 Installation](#)
- [4 Specifications](#)
- [5 LEGAL DISCLAIMER](#)
- [6 LIMITED WARRANTY](#)
- [7 Documents / Resources](#)
 - [7.1 References](#)
- [8 Related Posts](#)

Controls



1. **ATTACK TIME** – Adjusts the rate at which the envelope reaches its peak voltage.
2. **SIGNAL LED** – Indicates when a gate signal is present.
3. **INITIAL DECAY TIME** – Adjusts the rate at which the envelope decays from its peak to its designated sustain level.
4. **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.
5. **FINAL DECAY TIME** – Controls how quickly the envelope falls after the input signal stops or the manual gate button is released.
6. **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.
7. **MANUAL GATE** – Press and hold to start the envelope cycle.
8. **GATE** – Connect a gate signal to control the envelope cycle.
9. **TRIG** – Triggers a new attack of the envelope if a gate signal is also present.
10. **OUT L** – Send the left envelope positive and negative control voltage to other modules via 3.5 mm TS cable.
11. **OUT R** – Send the right envelope positive and negative control voltages to other modules via 3.5 mm TS cable.

Power Connection



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 k Ω
Gate threshold	+4 V
Max input level	+12 V

Trig

Type	3.5 mm TS jack, DC coupled
Impedance	>20 k Ω
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

Controls

Attack	1 ms to 2 s
Initial decay	5 ms to 7 s
Sustain	0 to 10 V
Final decay	6 ms to 8 s
Trigger modes	Single – gate controls envelope Multiple – trigger pulse + gate controls envelope
Manual gate	Envelope cycle start

Power

Power supply	Eurorack
Current draw	40 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	0.16 kg (0.35 lbs)

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, Auratone and Coolaudioare trademarks or registered trademarks of Music Tribe Global Brands Ltd. © Music Tribe Global Brands Ltd. 2020 All rights reserved.

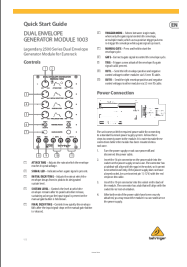
LIMITED WARRANTY

For the applicable warranty terms and conditions and additional information regarding Music Tribe's Limited Warranty, please see complete details online at musictribe.com/warranty.

Legendary 2500 Series Dual Envelope Generator Module for Eurorack



Documents / Resources

	<p>behringer 1003 Dual Envelope Generator Module [pdf] User Guide 1003, 1003 Dual Envelope Generator Module, Dual Envelope Generator Module, Envelope Generator Module, Generator Module</p>
---	--

References

- [M_H Search - Manual-Hub.com](#)
- [m Music Tribe](#)
- [M_H Search - Manual-Hub.com](#)