

behringer
1050 MIX
Sequencer Module



behringer 1050 MIX Sequencer Module User Guide

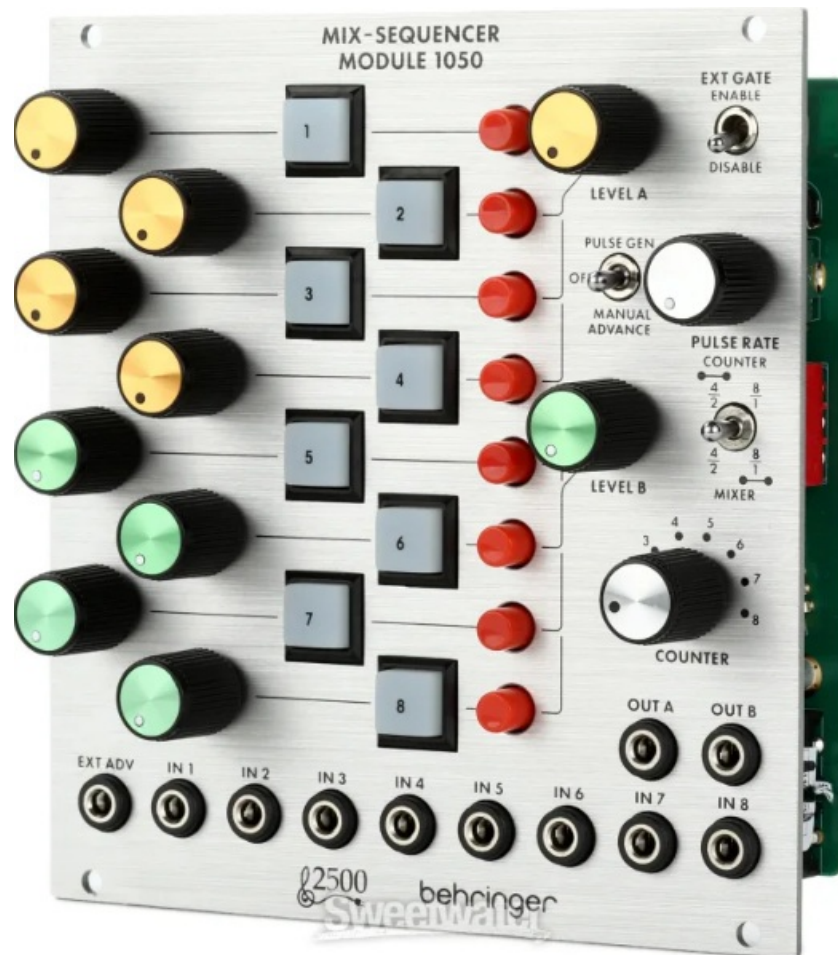
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behringer 1050 MIX Sequencer Module



Product Information

Specifications:

- Product Name: MIX-SEQUENCER MODULE 1050
- Series: Legendary 2500 Series
- Channels: 8
- Compatibility: Eurorack
- Version: 4.0

Product Usage Instructions

Safety Instructions:

1. Read and follow all instructions provided in the manual.
2. Avoid water contact, except for outdoor use products.
3. Clean the product only with a dry cloth.
4. Ensure ventilation openings are not blocked during installation.
5. Avoid placing near heat sources like radiators, heat registers, or stoves.
6. Use only manufacturer-specified attachments and accessories.
7. When using carts, stands, or tables, ensure stability to prevent tip-over.
8. Avoid installation in confined spaces like bookcases.
9. Keep away from naked flame sources such as candles.

Limited Warranty:

For detailed warranty terms and conditions, refer to Music Tribe's Limited Warranty information available online at community.musictribe.com/support.

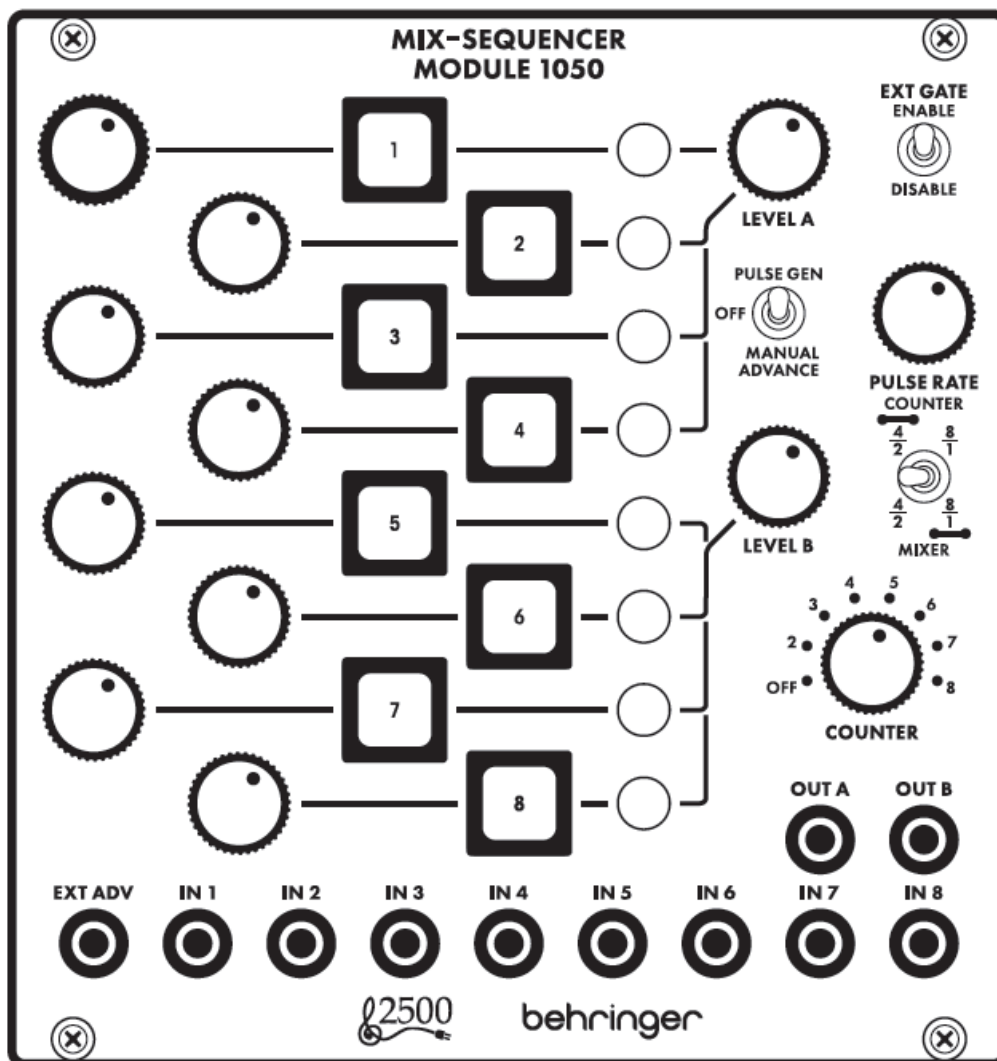
FAQ:

- Q: Can the MIX-SEQUENCER MODULE 1050 be used with other Eurorack modules?
A: Yes, the MIX-SEQUENCER MODULE 1050 is designed to be compatible with other Eurorack modules.
- Q: How do I update the firmware of the MIX-SEQUENCER MODULE 1050?
A: Firmware update instructions can be found in the user manual or on the manufacturer's website. Make sure to follow the provided guidelines carefully.

MIX-SEQUENCER MODULE 1050

Legendary 2500 Series 8-Channel Mixer / Sequencer Module for Eurorack

Safety Instruction



1. Please read and follow all instructions.
2. Keep the apparatus away from water, except for outdoor products.
3. Clean only with a dry cloth.
4. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

5. Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
6. Use only attachments/ accessories specified by the manufacturer.
7. Use only specified carts, stands, tripods, brackets, or tables. Use caution to prevent tip-over when moving the cart/apparatus combination.
8. Avoid installing in confined spaces like bookcases.
9. Do not place near naked flame sources, such as lighted candles.
10. Operating temperature range 5° to 45°C (41° to 113°F).

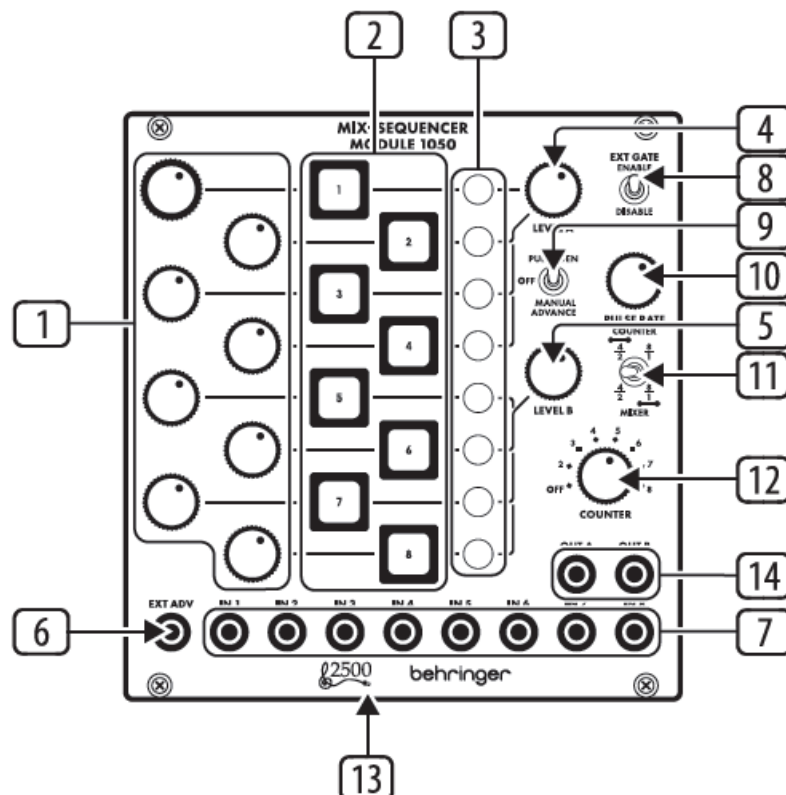
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LIMITED WARRANTY

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

MIX-SEQUENCER MODULE 1050 Controls



1. **CHANNEL LEVEL KNOBS** – Each knob controls the mix level for its respective mixer channel, and the knobs are color-coded into two groups of four channels each for further sub-mixing with the LEVEL A and LEVEL B

knobs.

CHANNEL ON/OFF BUTTONS – These buttons select and indicate which mixer channels are on or off. Press a button to manually select and activate

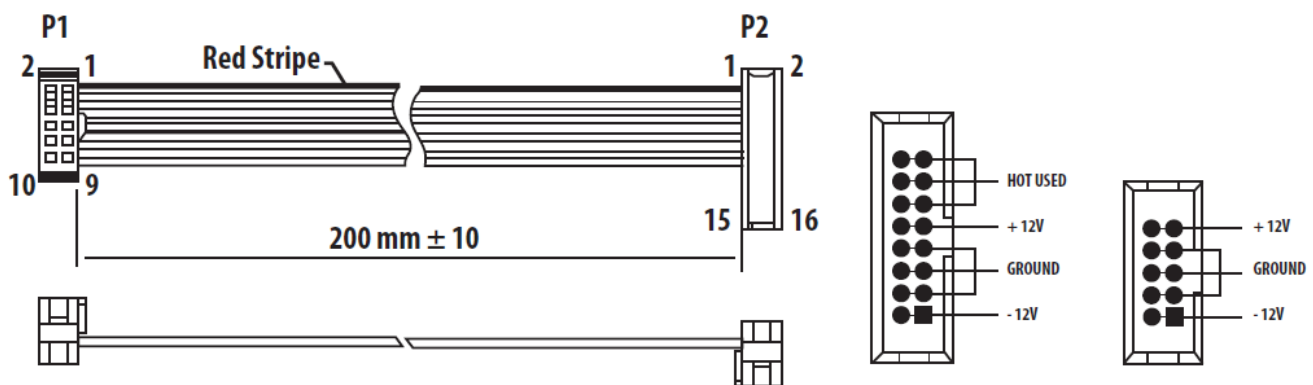
a channel. When a channel is active, the button will light and the gate for that channel will be open. During a sequence, when an individual channel is active during its step, the button for that channel will light for the duration of the sequence step. During a sequence, you can press an on/off button to manually turn on a channel, and that channel will stay on during the sequence until you press the channel's on/off button again.

2. **EXCLUSIVE-ON BUTTONS** – To use this function, the COUNTER rotary switch should be set to OFF. Press one of these red buttons to solo that button's respective channel and preview the signal. When a channel is soloed, the CHANNEL ON/OFF BUTTON for that channel will light, and the other channels will be muted. You may also press the CHANNEL ON/OFF BUTTONS on other channels to hear those channels along with the soloed channel. When the mixer is in 4-channel mixer mode, the EXCLUSIVE-ON BUTTONS 1-4 operate independently from channels 5-8.
3. **LEVEL A** – When in 4-channel mixer mode, use this knob to adjust the overall mix level for the channel 1–4 group. When 8-channel mixer mode is enabled, this knob is master to all 8 input channels
4. **LEVEL B** – When in 4-channel mixer mode, use this knob to adjust the overall mix level for the channel 5-8 group. When 8- channel mixer mode is enabled, this knob is master to all 8 input channels.
5. **EXT ADV** – Use this input to route in gate or clock signals to externally clock the rate at which the sequence advances.
6. **IN 1–8** – Use these jacks to route audio signals into mixer Channels 1–8 via cables with 3.5 mm connectors.
7. **EXT GATE (ENABLE/DISABLE)** – This two-way switch determines whether the sequencer is controlled via gate signals
from the EXT GATE LINK 12-way connector located on the module underside. This 12-way connector allows compatible modules such as the CLOCKED SEQUENTIAL CONTROL MODULE 1027 to act as a master to the 1050 module. When DISABLE is selected the external gate signals will have no effect, when ENABLE is selected the 1050 module will follow the connected MASTER module. When using the EXT GATE input, the COUNTER switch would normally be set in the OFF position, however the module can be clocked from both the internal COUNTER and EXT GATE at the same time to produce random effects. If the underside EXT GATE LINK connector is not used, then the EXT GATE switch will have no effect on the 1050 module operation.
8. **PULSE GEN/OFF/MANUAL ADVANCE** – Use this three-way switch to determine whether the module advances through the channels in a sequence
(PULSE GEN) or whether the module acts more like a standard mixer with manual channel selection (OFF). The OFF position would normally be selected when using the EXT ADVANCE jack or the underside module EXT GATE LINK connector. The MANUAL ADVANCE position, when selected, will advance the sequencer by one step. The ADVANCE switch position is momentary, so the switch will automatically return to the OFF position when released.
9. **PULSE RATE** – Use this knob to control the speed by which the internal pulse generator clocks and advances through each sequencer step.
10. **COUNTER/MIXER** – This three-way switch determines the sequence switching logic (COUNTER: two parallel rows of four versus a single sequence row of eight) and the audio routing logic (MIXER: two groups of four channels mixed to separate OUT A and OUT B outputs versus a single group of eight channels routed to both outputs). In the left position, the sequencer will count through the channels in two parallel rows of four, while the mixer outputs each row of four to separate outputs; In the far right position, the sequencer will count through all of the channels in a single sequence row of eight, while the mixer routes all eight channels as a single group to

both outputs; the middle position is a mixed setting where the sequencer runs through the channels in two groups of four, but all eight audio channels are mixed and sent out as a single group.

11. **COUNTER** – Use this rotary switch to control the number of steps in the sequence before the cycle repeats. When the COUNTER side of the COUNTER/MIXER switch is set for two sequences of four steps each, the COUNTER switch will only function up to the 4 setting.
12. **EXT GATE LINK CONNECTOR** – To connect the 1050 module to a 1027 module, insert the included 12- way cable into the EXT GATE LINK connector found on the 1050 module's underside, and then insert the other end of the cable into the 1027 module's EXT GATE LINK connector. The 1027 will now be the master and the 1050 will be the slave when the EXT GATE switch is set to ENABLE.
13. **OUT A/B** – Use these outputs to route the final mix out of the module for further processing elsewhere. When the COUNTER/MIXER switch is in the left position, the mixer will send the Channel 1 –4 group out through OUT A, while the Channel 5 –8 group goes out through OUT B. When the COUNTER/MIXER switch is in the center or right positions, all channels are mixed together and sent out as duplicate mono signals through both OUT A and OUT B.

Power Connection



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

The MIX-SEQUENCER MODULE 1050 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

Inputs 1 – 8

Type	8 x 3.5 mm TS jacks, DC coupled
Impedance	50 k Ω , unbalanced
Max input level	+20 dBu

External advance input

Type	1 x 3.5 mm TS jack, AC coupled
Impedance	10 k Ω , unbalanced
Max input level	+10 V

External gate link input

Type	1 x 12-way 0.1" box header, DC coupled
Impedance	10 k Ω , unbalanced
Max input level	+5 V

Outputs

Out A / B

Type	2 x 3.5 mm TS jacks, DC coupled
Impedance	1 k Ω , unbalanced
Max output level	+20 dBu

Controls	
Channel level knobs	8 x rotary knobs
Channel on / off buttons	8 x buttons, LED backlit
Exclusive-on buttons	8 x momentary switches
Level A / B	2 x rotary knobs
External gate	1 x 2-position switch Enable / disable, switchable
Pulse gen / Manual advance	1 x 3-position switch Pulse generator on / off / manual advance, switchable
Counter / mixer	1 x 3-position switch Left position, 4/2 counter with 4/2 mixer Center position, 4/2 counter with 8/1 mixer Right position, 8/1 counter with 8/1 mixer"
Pulse rate	1 x rotary knob, 0.5 Hz to 150 Hz
Counter	1 x 9-way rotary switch Off / 2 / 3 / 4 / 5 / 6 / 7 / 8, selectable"
Power	
Power supply	Eurorack
Current draw	110 mA (+12 V), 20 mA (-12 V)
Physical	
Dimensions	122 x 129 x 42 mm (4.8 x 5.1 x 1.7")
Rack units	24 HP
Weight	0.30 kg (0.66 lbs)

FEDERAL COMMUNICATIONS COMMISSION COMPLIANCE INFORMATION

Behringer
MIX-SEQUENCER MODULE 1050

- **Responsible Party Name:** Music Tribe Commercial NV Inc.
- **Address:** 122 E. 42nd St.1, 8th Floor NY, NY 10168, United States
- **Email Address:** legal@musictribe.com

MIX-SEQUENCER MODULE 1050

This equipment has been tested and found to comply with the limits for a Class B digital device, under 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 by 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

Hereby, Music Tribe declares that this product complies 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: Gammel Strand 44, DK-1202 København K, Denmark

UK Representative: Music Tribe Brands UK Ltd.

Address: 8th Floor, 20 Farringdon Street London EC4A 4AB, United Kingdom


DISPOSAL

Correct disposal of this product: This symbol indicates that this product must not be disposed of with household waste, according to the WEEE Directive (2012/19/EU) and your national law. This product should be taken to a collection center licensed for the recycling of waste electrical and electronic equipment (EEE). The mishandling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are generally associated with EEE. At the same time, your cooperation in the correct disposal of this product will contribute to the efficient use of natural resources. For more information about where you can take your waste equipment for recycling, please contact your local city office, or your household waste collection service

We Hear You

Documents / Resources

Quick Start Guide



MIX SEQUENCER MODULE 1050
Including 1050 Sequencer Channel
Mini / Sequencer Module for Futurech

1050

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1050, 1050 MIX Sequencer Module, 1050, MIX Sequencer Module, Sequencer Module, Module

References

- [!\[\]\(95b42f0077faf7439a26242a54e021ec_img.jpg\) Music Tribe](#)
- [!\[\]\(e097ab4c08b8186dd0908330bbc2dc28_img.jpg\) Music Tribe](#)
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