

PIGTRONIX

MOTHERSHIP 2

User's Guide



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WELCOME ABOARD.

Mothership 2 is a velocity-sensitive, pitch-tracking, 3-voice analog synthesizer with oscillator hard sync and pitch modulation via portamento and CV / Expression control. A user-friendly guitar synth with real-time pitch and amplitude tracking, Mothership 2 offers switchable preset tunings and a devastating Sync effect that delivers new modulation effects for guitar, bass and beyond.

The dashboard of the Mothership 2 contains five custom-made dual-concentric potentiometers and a pair of toggle switches. The top row of controls provides individual level knobs for VCO (triangle wave) and Square wave voices as well as the original Clean guitar sound and a gut-busting Sub-octave Sine wave voice that can be removed from the main mix bus and sent to its own dedicated bass amplifier when the SUB output jack is used.



EXPLANATION OF CONTROLS



- 1 **Square:** Sets the level of the square wave voice.
- 2 **Sub:** Sets the level of the sub voice.
- 3 **Clean:** Sets the level of the clean signal.
- 4 **VCO:** Sets the level of the triangle wave voice.
- 5 **Out:** Sets the overall output volume.

- 6 **Glide:** Sets the portamento time for the square and VCO voices.
- 7 **Dynamics:** Sets the responsiveness of the VCO to the amplitude of your playing.
- 8 **Tune:** Sets the tuning for the square and VCO voices.
- 9 **Timbre:** Sets the amount of sub-octave square wave in sync mode.
- 10 **Sweep:** Changes the nature of the harmonics created in sync mode.
- 11 **Sync:** Turns the sync function on and off.
- 12 **Octave / Manual / Unison:** Selects the pitch of the Square and VCO voices.

Mothership 2 requires a negative tip, 18VDC power supply.
Mothership 2 does not take batteries.

PIGTRONIX LIMITED WARRANTY

Your new Pigtronix product is warranted to be free from defects in materials and workmanship for 1 year from the original date of purchase. Warranty applies only to the original retail purchaser of a registered Pigtronix product, subject to the limitations contained in this warranty.

THIS WARRANTY IS EXTENDED TO THE ORIGINAL RETAIL PURCHASER OF PIGTRONIX PRODUCTS BOUGHT ON OR AFTER JANUARY 1, 2020 ONLY AND MAY NOT BE TRANSFERRED OR ASSIGNED TO SUBSEQUENT OWNERS. IN ORDER TO VALIDATE YOUR WARRANTY, AND AS A CONDITION PRECEDENT TO WARRANTY COVERAGE HEREUNDER, YOU MUST REGISTER YOUR PRODUCT WITHIN THIRTY (30) DAYS FOLLOWING THE ORIGINAL DATE OF PURCHASE. YOUR PROOF OF PURCHASE OR SALES RECEIPT MUST ACCOMPANY ALL REQUESTS FOR WARRANTY COVERAGE— YOU MAY SUBMIT YOUR RECEIPT ON THE REGISTRATION FORM. IF YOU DO NOT REGISTER THE PRODUCT WITHIN 30 DAYS OF PURCHASE, YOUR PRODUCT WILL NOT BE SERVICED UNDER WARRANTY.

If your product is destroyed, lost or damaged beyond repair while in the possession of Pigtronix for repair, Pigtronix will replace that product with one of the same or most similar style of a value not in excess of the original purchase price of your pedal. Any insurance covering the pedal, including but not limited to collector's value insurance, must be carried by you at your expense.

This warranty covers the cost of both labor and materials on repairs deemed necessary by our Customer Service Representative.

THIS WARRANTY DOES NOT COVER:

- Any product that has been altered or modified in any way or upon which the serial number has been tampered with or altered.
- Any product whose warranty has been altered or upon which false information has been given.
- Any product that has been damaged due to misuse, negligence, accident, or improper operation.
- The subjective issue of tonal characteristics.
- Shipping damages of any kind.
- Any product that has been subjected to extremes of humidity or temperature
- Normal wear and tear
- Any product that has been purchased from an unauthorized dealer, or upon which unauthorized repair or service has been performed.

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Steps To File for Warranty Coverage:

1. Register your new guitar at <http://pigtronix.com/warranty>
2. Complete the warranty request form available at <http://pigtronix.com/support> and we will handle it from there!

CONTACT INFORMATION

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