

PIGTRONIX

RESOTRON

User's Guide



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PROPHETIC SYNTH TONE.

Resotron is an analog filter pedal that brings the sound of 70s keyboard synthesizers to the world of envelope pedals for guitar, bass, and beyond. The filter at the heart of the Resotron is based on the SSM2040 chip found in the legendary Prophet 5 and Octave CAT synthesizers. This 24db/octave, state-variable filter provides the full gamut of familiar envelope filter sounds with Up and Down sweeping modes, as well as a Sensitivity control to dial in the response of the effect based on how hard you play.

In addition to these vintage-correct filter tones, the Resotron incorporates an analog pitch-tracking system to move the cutoff frequency of the filter up and down. The pitch-following filter effect found in the Resotron moves around based on the notes you play instead of how hard you play. The attack time and rate of filter motion can be adjusted using the Glide knob to dial in how long it takes for the cutoff to travel between pitches.

EXPLANATION OF CONTROLS



- 1** **Cutoff:** Sets the cutoff frequency of the filter when you are not playing.
- 2** **Peak:** Sets the amount of Resonance “Q” of the filter.
- 3** **Sensitivity:** Sets the dynamic response of the filter cutoff in ENV modes.
- 4** **Glide:** Sets the attack time for the filter cutoff in Pitch mode.

- 5 Blend:** Sets the amount of optical compression that is blended in before the filter.
- 6 HPF / BPF / LPF:** Selects the filter type.
- 7 ENV UP / PITCH / ENV DOWN:** Selects the filter motion.
- 7 Oscillate:** Switches the filter into self oscillation for a pitch tracking synth in PITCH mode.

Resotron requires a negative tip, 18VDC power supply.
Resotron 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

Address

Bond Audio LLC
141 W 28th St, Floor 4
New York, NY, 10001

Phone

631-331-7447

Email

info@pigtronix.com

Warranty Service Email

support@pigtronix.com

Warranty Contact Form

pigtronix.com/warranty

Website

pigtronix.com

YouTube

youtube.com/pigtronix



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