



**KILLER
WAIL^{v2}
TECH 21·NYC**

Richie Kotzen

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KILLER WAIL v2, an OVERVIEW

A staple in the world of music since the '60s, the wah wah effect was made popular by some of the most influential guitar players in the world. Nostalgia, however, forces us to overlook some of the shortcomings, such as excessive noise and general quality of the mechanical parts.

The Killer Wail v2 preserves the original tonal integrity and overcomes its faults. Utilizing light sensor technology, there are no clunky pops, no irritating scratching sounds, and no pots to wear out. Machined from solid billet aluminum, the housing provides long life —on and off the road.

TECH 21, the COMPANY

Tech 21 was formed by a guitarist possessing the unusual combination of a trained ear and electronics expertise. In 1989, B. Andrew Barta incorporated Tech 21 and made his unique invention commercially available to players and studios around the world. His highly-acclaimed **SansAmp®** pioneered Tube Amplifier Emulation in professional applications for recording direct and performing live, and created an entirely new category of signal processing. While there have since been many entries into this niche, SansAmp continues to maintain its reputation as the industry standard.

Each Tech 21 product is thoughtfully and respectfully designed by Andrew himself with the player in mind. Our goal is to provide you with flexible, versatile tools to cultivate, control, refine and redefine your own individual sound. Tech 21 takes great pride in delivering consistent professional quality sound, studio to studio, club to club, arena to arena.

TECH 21

**T: 973-777-6996 • E: info@tech21nyc.com
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NOTES and OPERATION

The Killer Wail v2 faithfully emulates original vintage wahs. Unlike simple bandpass or low pass filters, the Killer Wail v2 features a specially-designed filter that not only changes the frequency, it also changes the Q, which is the sharpness of the filter.

By moving the pedal back and forth, you will change the effect. Toe down = more treble. Heel down = more bass.

LED Color Code:

Red = Active
Blue = Bypass

KILLER WAIL v2: Turn the pedal on and off by pressing the custom, silent switching buffered actuator.

RICHIE KOTZEN SIGNATURE KILLER WAIL v2:

Features a spring-loaded rocker that returns to its resting/bypass position when you remove your foot from the pedal. The RK Signature Killer Wail will automatically engage when you press forward on the pedal.

NOTE: The RK Signature Killer Wail is phantom power operable when used with the Richie Kotzen Signature RK5 v2 Fly Rig via a TRS patch cable from the output of the wah to the input of the RK5 v2. However, the RK5 v2 Fly Rig will require a mod to accept phantom power. For details, please contact: info@tech21nyc.com.

CONNECTING an INSTRUMENT

1. Connect a cable from the instrument to the Input jack.
2. Connect another cable from the Output jack to your amplifier input jack. You can also connect the Output jack to your effects pedals, and then to your amplifier.

TIPS:

1. Placing the wah before distortion will yield a traditional "rock" wah tone. Placing the wah after distortion will give you a very wide ranging "synth" type filtering effect.
2. The Killer Wail 1megOhm input impedance matches the impedance of a tube amp or pre-amp to preserve the original sound of your guitar. Buffering your guitar's pickups (with a pedal that has electronic switching set to bypass) before the wah will increase the range of the sweep. Note: active pickups are already buffered.
3. Placing a very mild distortion before the wah, and more distortion after the wah (from a pedal or amp) will result in a very rich lead tone.

The KILLER WAIL with OTHER EFFECTS

In most cases, the best results will be achieved in this order:

Before Killer Wail: Compression, overdrive or fuzz*

After Killer Wail: SansAmp, overdrive or fuzz*, chorus, delay, echo, reverb, flange, phase shifter

*Refer to Tips, #3 above.

ADJUSTING the TREADLE TIGHTNESS

The action of the wah movement can be adjusted by the large bolt & nut on the right side of the pedal. Use two 7/16" or 11mm nut drivers (one to hold the nut on the wah's left side; one to turn the bolt & nut on the wah's right side). Turn clockwise to tighten for a tighter feel or turn counter-clockwise to loosen for a looser feel.

CARE and MAINTENANCE

Use a soft, dry cloth for external cleaning. Avoid chemical products, which may damage rubber and plastic parts.

POWER REQUIREMENTS

•Utilizes standard 9V alkaline battery (not included). To install, simply remove the battery door cover on the bottom of the unit.
NOTE: Input jack activates battery. To conserve, unplug when not in use. Power Consumption: approx. 4mA.

•USE **DC POWER SUPPLY ONLY!** Failure to do so may damage the unit and void warranty. DC Power Supply Specifications:
-9V DC regulated or unregulated, 100mA minimum;
-2.1mm female plug, center negative (-).

Optional factory power supply: Tech 21 Model #DC9.
Also operable with previously offered Tech 21 Models **#DC4** and **#DC2**.

SPECS:

Weight: 24 oz. / **Dimensions:** 3.375" w x 8.0" l x 1.75" h

WARNINGS:

- Attempting repair is not recommended and may void warranty.
- Missing or altered serial numbers automatically void warranty. For your own protection, be sure serial number labels on the unit's back plate and exterior box are intact, and return your warranty registration card or register online:
tech21nyc.com/register.

ONE YEAR LIMITED WARRANTY. PROOF OF PURCHASE REQUIRED.

Manufacturer warrants unit to be free from defects in materials and workmanship for one (1) year from date of purchase to the original purchaser and is not transferable. This warranty does not include damage resulting from accident, misuse, abuse, alteration, or incorrect current or voltage. If unit becomes defective within warranty period, Tech 21 will repair or replace it free of charge. After expiration, Tech 21 will repair defective unit for a fee.

ALL REPAIRS for residents of U.S. and Canada: Call Tech 21 for **Return Authorization Number**. Manufacturer will **not** accept packages without prior authorization, pre-paid freight (UPS preferred) and proper insurance.

NOTE: With on-going product development and improvements, specifications and/or the cosmetic appearance of this unit may change without prior notice.

FOR PERSONAL ASSISTANCE & SERVICE:

Contact Tech 21 weekdays from 9:00 AM to 5:00 PM, EST.

Hand-built in the U.S.A. using high-quality components sourced domestically and around the globe.