

TWA[®]



TK-03 TRISKELION[®]

harmonic energizer[®] mk. III

IN-FLIGHT MANUAL

TWA[®]
TK-03 TRISKELION[®]
HARMONIC ENERGIZER[®]

Thank you for purchasing the **TWA TRISKELION[®]**!

The **TRISKELION[®]** uses vintage Synth technology to re-shape the harmonic structure of the input signal, adding punch, clarity, and depth to any guitar tone.

The **TRISKELION[®]**'s custom-tuned bandpass filter can reate glassy clean tones, boost mids for throaty solos, or tune your rig to any room for a wall of singing, resonant feedback. Massive amp sounds, explosive lead-breaks, infinite sustain, and downright nasty, energy-intense tones are just a few of the uses for the **TRISKELION[®]**—the possibilities are almost limitless.

The **Mk. III** version of the **TRISKELION[®]** offers several improvements over the original circuit without sacrificing any of the signature sounds contained in that classic contraption.

Now housed in a 1590B-size chassis, the **TRISK-3** takes up even less real estate than its predecessors.

We've added back the **VARIANT MASS** boost switch, which adds an ear-shattering upper range to the already peaky filter. Also back are teh 30-odd Hertz of low frequencies that had mysteriously and inexplicably bavinshed during the creation of the **Mk. II**.

What's not back is the higher noise level of the **Mk. I**—instead, the pro-audio quality noise floor fo the **Mk. II** is infull effect, allowing the new version to function with surgical precision in a variety of high-gain settings without sounding like cosmic microwave background radiation.

The **TRISKELION**® is covered by a 3 year parts and labor warranty.

For more information and to register your warranty,
please visit our website:

WWW.TOTALLYWYCKEDAUDIO.COM/WARRANTY

The **TRISKELION**® is made in the USA.

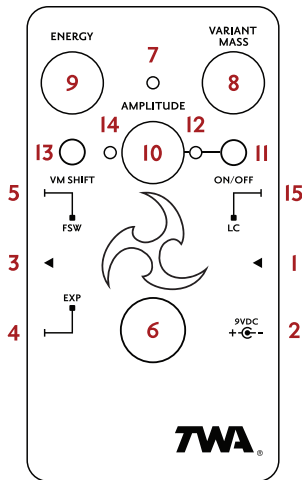
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GO GIT SUM!!!



TM



FRONT PANEL CONTROLS

1. **INPUT** – 1/4” unbalanced audio. Connect input signal here.
2. **DC In** – Connect to tip-negative 9VDC regulated power source via a 5.5mm O.D. tip-negative male barrel plug with a minimum of 100mA of current available. (**PA-9 POWER-ALL** recommended)
3. **OUTPUT** – 1/4” unbalanced audio. Connect to amplifier, recording equipment, or other effects.
4. **EXP In** – 1/8” TRS. Provides treadle-based control of the **VARIANT MASS** pot, allowing the user to adjust the frequency of the filter with the position of their foot. Connect to any standard expression pedal or to the **TWA SIDE STEP™**.

5. **FSW** – 1/8” TRS. Moves **AMPLITUDE** on/off switch function to an external footswitch to allow for on-the-fly gain boosts.
6. **ENGAGE SWITCH** – Engages or disengages the effect. **TRISKELION®** features **TWA**'s proprietary **S3™** “Shortest Send Switching”—a form of True Bypass that uses an electronic relay combined with a mechanical switch.

S3™ switching assures that the input signal travels the absolute shortest distance between input and output jacks, guaranteeing the most transparent bypass tone available.

In the event of a power loss, **S3™** switching automatically reverts to bypass mode, saving the user from embarrassing “dead air” and the need to figure out which pedal must be switched off to regain signal flow.

7. **POWER LED** – Lights brightly when the pedal is engaged.
(Note: When the pedal is receiving power, but is not engaged, the power **LED** will be dimly lit.)
8. **VARIANT MASS** – Adjusts the frequency of the **TRISKELION®**'s filter. Turn clockwise for higher frequency response (i.e. more treble).
9. **ENERGY** – Adjusts the peak of the selected frequency on the **VARIANT MASS** control from wide (CCW) to sharp (CW). Wide settings have less “energy” and sharp settings are more intense.
(Note: Higher **ENERGY** settings can create resonant feedback—*This is a good thing!*)
10. **AMPLITUDE** – Controls output of the **TRISKELION®**. (Note: If the **AMPLITUDE ON/OFF SWITCH** is set to OFF, this control will not function).

WARNING: Higher settings on the **AMPLITUDE** control can create extreme, speaker-blowing volumes. Use with caution.

11. **AMPLITUDE ON/OFF SWITCH** – Turns gain on or off, allowing your **TRISKELION®** to be used as a straight EQ or EQ with level boost.
12. **AMPLITUDE ON/OFF LED** – Indicates whether gain is on (lit) or off (dim).
13. **VM SHIFT ON/OFF SWITCH** – Shifts the frequency setting on the **VARIANT MASS** control up 1 octave. Great for cutting through a dense mix.
14. **VM SHIFT ON/OFF LED** – Indicates whether **VM SHIFT** is on (lit) or off (dim).
15. **L.C. SWITCH** – Side-mounted switch cuts the low-end by 6dB/octave. Use with expression pedal to fine tune the frequency range of the filter.

PRECAUTIONS:

- Handle with Love and Affection
- Do not lend to friends or bandmates!
 - Always use your turn signal.
 - Never feed them after midnight.

Questions, Comments, or Glowing Praise:

INFO@GODLYKE.COM

OPERATING THE TRISKELION

- Before making any connections, set controls to their lowest (full CCW) positions. Make sure pedal is bypassed (**LED dim**).
- Make all the appropriate power and audio connections. The **TRISKELION®** draws approx. 25mA of current when engaged.

PLEASE NOTE: When the pedal is receiving power, but is not engaged, the **POWER LED** will be dimly lit. This acts as a visual indicator to confirm that your pedal is receiving power. When the pedal is engaged, the **POWER LED** will be brightly lit.

- Depress the Footswitch (the **POWER LED** will glow brightly when engaged).
- Tune the **VARIANT MASS/VM SHIFT** and **ENERGY** controls to desired effect.
- Turn **AMPLITUDE** switch ON (**AMPLITUDE ON/OFF LED** will light) for gain boost (keep **AMPLITUDE** at full CCW position to start, then turn up slowly).
- **ENERGIZE!**

FLIGHT DATA

CODE NAME: TRISKELION[®] v3.0

FUNCTION: HARMONIC ENERGIZER[®]

POWER: 9-volt DC, tip-negative polarity input
2.1 mm ID barrel connector
Reverse polarity protection
Heavy DC filtering
Over-Current protection
Heavy bias voltage filtering
Current draw: approx. 100mA

AUDIO: FET follower buffer: 10M ohm input impedance
Low cut filter, 6dB per octave (via mini side switch)
Broad to sharp bandwidth center (via pot or footpedal), 2-stage 12dB per octave
Alternate frequency range of +1 octave up, via no-click mini toggle switch
Output buffer: 1K ohm output impedance
Unity gain or variable gain up to +40dB via no-click mini toggle switch or external footswitch

SWITCHING: Relay-based true bypass
S3[™] Shortest Send Switching when bypassed
Auto-bypass on power failure

INDICATORS: On/off LED

- On = bright LED
- Bypass = dim LED
- No power = dark LED

VM Shift LED

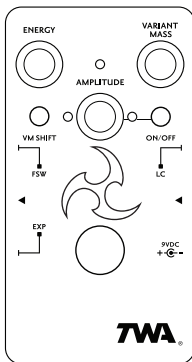
Gain on/off LED

CONNECTORS: Input / Output (1/4")

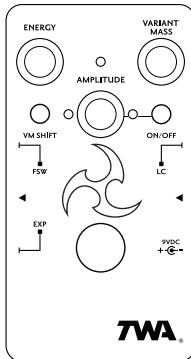
External Gain Footswitch (1/8" TRS)

External **EXP** for **Variant Mass** (1/8" TRS)

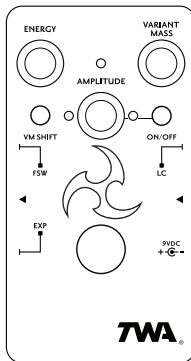
Power (2.1mm ID / 5.5mm OD Barrel)



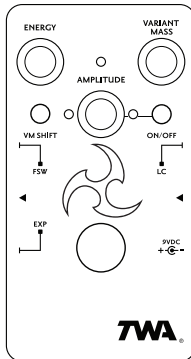
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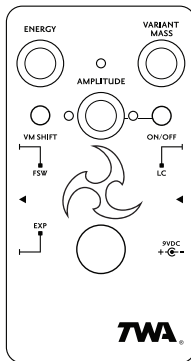
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The way of the future...