



COWBELL ADVANCED MODULE

DATASHEET

Revision A
Jan 3, 2024

**** More Cowbell? We've Got You Covered! ****

Introducing the Jake's Custom Shop Advanced Cowbell Eurorack Module. Unleash the iconic sound of the TR-808 cowbell in a fully analog unit, the way it was meant to be played. As any good Eurorack module should, you get additional tonal controls beyond the standard 808 circuit.

Features:

- Authentic TR-808 Cowbell Sound
- **Trigger** and **Accent** Inputs for Dynamic Performance
- **Two Pitch** Controls for precise tuning of each analog oscillator.
- **Decay** Knob for note-length variation
- **Volume** Level control for perfect blending
- Not-to-bright LED trigger indicator light.
- Handcrafted with precision and passion
- Compact 6HP Eurorack module
- Add punchy percussion, funky grooves, and undeniable energy to your modular setup.

Perfect for:

- Electronic music production
- Live performance
- Sound design
- Adding a unique sonic element to your tracks

SECTION I - Electrical Characteristics

Attribute	Min	Typ	Max
Current Draw [mA] +12V +5V -12V			
Trigger Input [V]	3		
Accent Input [V]	3		12
Audio Output [V]			10

SECTION II – Functionality

Input	
Attribute	Data
TRIGGER	Impulse or square wave used to control the cowbell.
ACCENT	Square wave input jack used to boost the volume.
PITCH (1 & 2)	Potentiometers for tuning each of the two oscillators that produce the cowbell ringing.
DECAY	Potentiometer control for the length of the cowbell.
LEVEL	Output volume.

Output	
Attribute	Data
AUDIO OUT	Audio Output, 10Vpp



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SECTION III – Mechanical Data

Attribute	Data
PCB dimensions	29x100mm
Panel dimensions	30.48x128.6mm [6HPx3U]
Depth of module	15mm