

# CUSTOM AUDIO ELECTRONICS



MC404 CAE WAH

LIVE TO PLAY LIVE®



JIMDUNLOP.COM

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# MC404 CAE WAH

## POWER

The MC404 CAE Wah is powered by one 9-volt battery (accessed via bottom of pedal), a 9-volt AC Adapter such as the Dunlop ECB003/ECB003EU or a DC Brick™ power supply.

## SETUP INSTRUCTIONS

- Run a shielded instrument cable from your guitar to the MC404's INSTRUMENT jack and run another instrument cable from the MC404's AMPLIFIER jack to your amp.
- To turn the pedal on/off, push the toe of the pedal down until you feel a “click.” Illuminated green LED indicates “on.”
- For a classic Cry Baby sound, engage the yellow Fasel® inductor by pushing the INDUCTOR switch to its “in” position (indicated by illuminated yellow LED).
- For a deeper wah sound with increased fundamental, engage the red Fasel® inductor by setting the INDUCTOR switch to its “out” position (indicated by illuminated red LED).

- To boost your wah signal, push in the BOOST switch (indicated by illuminated blue LED) and use the BOOST VOLUME knob to set desired boost level (up to +20dB).
- Use internal TRIMPOTS to adjust the Q of each Fasel® inductor—rotate clockwise for a narrower bandpass or counterclockwise for a wider bandpass.
- Located under the rocker at the heel of the pedal is an adjustable torque clutch that allows the amount of resistance the rocker has to being moved. Turn clockwise to increase resistance or counterclockwise to decrease resistance. (Wrench included).  
**See Diagram A**

## CONTROLS

- 1** BOOST VOLUME knob controls amount of gain added by BOOST switch
- 2** UPPER TRIMPOT controls Q of yellow inductor
- 3** LOWER TRIMPOT controls Q of red inductor
- 4** INDUCTOR switch toggles red/yellow inductors
- 5** BOOST switch engages boost level set by BOOST VOLUME knob



## SPECIFICATIONS

### Impedance

Input	1 MΩ
Output	<10 kΩ

### Center Freq. (Yellow Inductor)

Heel Down	400 Hz
Toe Down	1.9 kHz to 2.2 kHz

### Center Freq. (Red Inductor)

Heel Down	255 Hz to 355 Hz
Toe Down	1.3 kHz to 1.5 kHz

### Maximum Level

Input	-6 dBV
Output	+8 dBV

### Maximum Gain

Heel Down	+16 dB
Toe Down	+16 dB

### Noise Floor

Heel Down	-85.5 dBV
Toe Down	-82.0 dBV

**Bypass** True Bypass

**Current Draw** <6.3 mA