LIVE TO PLAY LIVE®

CUSTOM AUDIO ELECTRONICS

MC406 BUFFER

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DESCRIPTION

- Low noise buffer in a small, rugged steel housing
- Hi and Lo cut options with indication LEDs
- Adjustable 0 to +6dB gain slider
- Features a pass-through 9-volt jack for other effects

CONTROLS

1 OUTPUT 1 jack sends out unaffected INPUT signal or buffered signal

2 OUTPUT 2 jack sends out buffered signal

3 INPUT jack receives instrument signal

4 HI CUT switch cuts top end frequencies of buffered signal

5 GAIN slider adds up to +6dB of gain to buffered signal

6 LO CUT switch cuts bottom end frequencies of buffered signal

7 BUFFER switch (INTERNAL) toggles whether the unaffected INPUT signal or the buffered signal is sent to OUTPUT 1

POWER

The MC406 BUFFER can be powered by a Dunlop ECB003 AC adapter (ECB003E in Europe), a Dunlop DCB10 DC Brick power supply, or other well regulated 9 volt DC supply with a minimum of 50 mA current capability, and a 5.5 X 2.1 mm positive barrel connector.
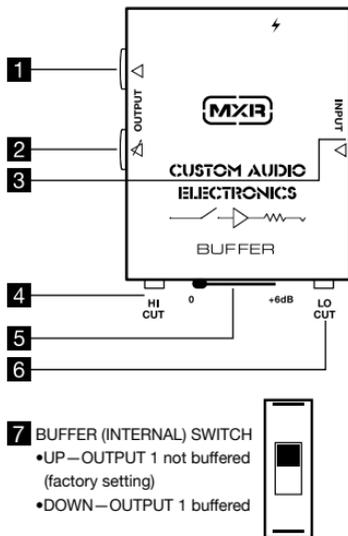
7 BUFFER (INTERNAL) SWITCH
- UP—OUTPUT 1 not buffered (factory setting)
- DOWN—OUTPUT 1 buffered

DIRECTIONS

- Run a cable from your guitar to the Buffer's Input jack and run another cable from the Buffer's OUTPUT 2 jack to the next pedal in your effects chain.
- Optional: Run a cable from OUTPUT 1 to tuner, separate effects chain, or second amp to receive unbuffered INPUT signal.
- Move GAIN slider to the right to compensate for signal loss or add gain.
- To reduce excessive high end broadband noise, press the HI CUT switch.
- To reduce excessive low end feedback noise, press the LO CUT switch.
- To access (INTERNAL) switch, remove INPUT and OUTPUT jacks with wrench or nutdriver and slide inner casing from housing.

SPECIFICATIONS

Input Impedance	1 MΩ
Output Impedance	<1 kΩ
Max Input	12 dBV
Max Output	19 dBV
Signal to Noise*	>100 dB

Frequency Response

20 Hz – 20 kHz	±0.1 dB
Lo Cut	-6 dB @ 140 Hz
Hi Cut	-6 dB @ 7 kHz

Bypass†	True Hardwire Relay
Current Draw	43 mA
Power Requirements	9 volts DC

0 dBV = 1 Vrms
*A-weighted, at all settings.
†MC406 is bypassed only when power is removed