For three decades, Bob Bradshaw has been the world's foremost designer of custom guitar pedalboards and effects systems for many of rock's most influential guitarists. And for just as long, the initials MXR have been synonymous with the effect pedal innovations that have shaped the tone of modern electric guitar playing. So it was only natural for MXR and Bradshaw's Custom Audio Electronics (CAE) to join forces to create a dynamic new line of pedals offering the ultimate in tone, functionality and road-worthy dependability. Since 1980, CAE's groundbreaking pedal designs were made in limited quantities only for a select clientele of world class guitarists. But now these very same devices and circuits will be available to the masses.

Dunlop

LIVE TO PLAY LIVE®

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CUSTOM AUDIO ELECTRONICS

MC-402 BOOST/ OVERDRIVE

The **MC-402 Boost/Overdrive** offers the combination of a simple dynamic overdrive and an independent clean boost circuit—all in one compact pedal. The overdrive section is truly "classic", adding warmth, sustain and punch, without coloring your sound. It can go from a bluesy, slightly overdriven sound to full-metal crunch with a twist of the gain knob. The Boost circuit is the exact same circuit CAE has used for years to solve a wide variety of signal conditioning problems in major guitar systems. In keeping with the CAE tradition, the design is simple and straightforward, with a minimum of controls—only what is necessary to do the job.

DESCRIPTION

- A versatile and compact pedal offering an easy to use dynamic overdrive/distortion and a high quality clean boost
- High quality components provide quiet operation and trouble-free interaction with other pedals on your board
- Boost function with knob adjustment from 0+20dB of clean uncolored boost
- Cleans up nicely when you roll back your guitar volume, making it extremely touch sensitive and responsive to picking dynamics, without thinning out tonally
- True hardwire bypass
- Indestructible die-cast housing

CONTROLS

1. BOOST controls the overall boost (inactive in bypass mode)
2. OUTPUT controls the overall output from the overdrive circuit
3. TONE controls the EQ of the overdrive
4. GAIN controls the overall amount of distortion from the overdrive circuit
5. BOOST FOOTSWITCH toggles effect on/bypass (Ice Blue LED indicates on)
6. OVERDRIVE FOOTSWITCH toggles effect on/bypass (Red LED indicates on)
7. AC adapter input

POWER

The **MXR/CAE MC-402 BOOST/OVERDRIVE** can be powered by one 9-volt battery (accessed through the bottom of the pedal), a Dunlop ECB-003 AC adapter (ECB-003E in Europe) or a Dunlop DCB-10 DC Brick power supply.

DIRECTIONS

To begin using your **MXR/CAE MC-402 BOOST/OVERDRIVE**:

A) Run a cable from your guitar to the BOOST/OVERDRIVE's Input jack and run another cable from the BOOST/OVERDRIVE's Output jack to your amplifier

OVERDRIVE SECTION:

B) Set the Output, Tone, and Gain controls to their 12 o'clock position and turn the effect on by depressing the Overdrive Footswitch (Red LED indicates on)

C) Set distortion level with the Gain Knob

D) Use the Tone knob to shape the overall EQ (turn counter clock-wise for more bass – clock-wise for more treble)

E) To set the Output level, toggle the on/off Overdrive Footswitch to achieve the unity output between effect on and effect off. From this point, adjust for desired overall output

BOOST SECTION:

F) Start with the Boost Knob at 0dB and turn on the effect on by depressing the Boost Footswitch (Ice Blue LED indicates on)

G) Rotate the Boost Knob clock-wise (slowly) to achieve the amount of boost that you require

SPECIFICATIONS

INPUT IMPEDANCE: .....1meg Ohm

NOMINAL INPUT: .....-22dBV

OUTPUT IMPEDANCE: .....Boost ON <150 Ohm
Overdrive ON/Boost OFF <15K Ohm

OUTPUT LEVEL:.....-22dBV

BOOST GAIN:..... 20dB

BYPASS TYPE:.....True Hardwire

SIGNAL TO NOISE ALL CONTROLS @ MID POSITION :.... >87dB 'A' weighted (Vref 1V RMS)

POWER DRAW:.....<5.5mA