



**nm2**  
Designed for Nate Mendel



DOUBLE DISTORTION PEDAL  
USER MANUAL  
DESIGNED FOR NATE MENDEL

# NM2 Double Distortion Pedal

## NM2-Double Drive OPERATING INSTRUCTIONS

The NM2 effects pedal is a Dual Distortion Stereo effects device specifically designed for use with bass.

There is a single Input jack socket and 2 x Output jack sockets – Output 1 & Output 2. Both of these outputs provide the same level of bass signal that is presented at the Input, plus their own individually adjustable mix of 2 separate, and very different distortion effects (one for each output), that can be added to the original dry bass signal for massive bass overdrive effects.

For stereo use each output can be fed to separate amplifiers and the individually adjustable bass overdrive effects switched IN or OUT for Output 1, for Output 2 or both together.

By using the 1+2 switch both effects can be routed to Output 2 allowing the use of Distortion 1, Distortion 2 or both together into a single amplifier if desired.

Because the same level of unaltered bass signal is always fed from input to the output and to this original dry signal is added the distortion effects, you will never lose the full dynamics and bottom end contained in your bass playing.

### Rear Panel

#### Input Jack Socket

The single Input jack socket is suitable for either passive or active bass guitars. Inserting a jack socket into this will activate the power to the unit, indicated by the illuminated VU meter.

#### DC Connector

This is for the use of an external 9v, stabilised power adaptor in place of the internal 9v battery. Inserting a DC connector into this socket disconnects the internal battery.

#### Output 1 Jack Socket

This provides a feed of exactly the same level of unmodified bass signal that is fed into the Input socket. To this is added the FX1 overdrive signal, switched IN and OUT with the left hand 1st footswitch.

#### Output 2 Jack Socket

This also provides a feed of exactly the same level of unmodified bass signal that is fed into the Input socket. To this is added the FX2 overdrive signal, switched IN and OUT with the right hand 2nd footswitch.

If the 1+2 toggle switch is in its down position then the FX1 overdrive signal is also added to this output, switched IN and OUT with the left hand 1st footswitch.

If you are using a single amplifier then this is the Output socket to use, giving you the choice of either or both of the individually adjustable overdrive effects.

### Front Panel

#### Input control & VU Meter

The Input control is used to set the level of signal into the Effects section of the unit. Adjust the Input level control to get a good indication on the VU meter whilst playing your instrument.

#### Meter Switch

This allows you to measure the input of your instrument or switching it to the down position allowing you to measure the output signal of the pedal. So in this way you can set the pedal to the desired output matched to the output of your clean direct instrument signal.

#### Drive Mix 1

This adjusts the amount of gain or Drive to the FX1 overdrive/distortion circuit. This control will vary the effect gain from a very slight edge to a full bodied, all out, seriously distorted bass tone.

#### Master 1

This adjusts the overall level of the FX1 effect output signal.

#### Bridge 1+2 Switch

This allows routing of the FX1 effect to Output 2 as well as Output 1. In this way you can either use the unit as a stereo effects device, feeding 2 x separate amplifiers, each with its own individually controllable overdrive/distortion – or – with the switch operated, use just the signal from Output 2 and be able to switch in either FX1 or FX2 overdrive/distortion effects individually or both together, through a single amplifier for a massive, grungy, distorted overdrive and sustain.

#### Drive Mix 2

This adjusts the amount of gain or Drive to the FX2 overdrive/distortion/sustain circuit. This is a limited band pass, mid range overdrive/sustain effect with excessive amounts of gain available. This control will vary the effect gain from a very slight mid range edge to an over the top, balls out, seriously distorted bass overdrive and sustain.

#### +10dB Switch

This will add 10dB of gain to FX2 for an even more excessive overdrive/sustain effect. Be aware; too much gain can become addictive...

#### Master 2

This adjusts the level of the FX2 effect output signal.

#### 1 - Switch

This activates the FX1 effect, indicated by the illumination of the 3 colour LED to the right of the pedal, FX1 engaged the LED will indicate Red. It can be used independently of FX2 Switching in and out of FX1.

#### 2 - Switch

This activates the FX2 effect, indicated by the illumination of the 3 colour LED to the right of the pedal, FX2 engaged the LED will indicate Green. It can be used independently of FX1 Switching in and out of FX2.

#### 1, 1+2, 3 - Three colour LED Indicator

Red Light = FX1

Green Light = FX2

Yellow Light = FX1+2

#### Battery Compartment

This contains the single 9v battery that powers the effects pedal. Replace this when the VU meter illumination starts to become dull.

## TECHNICAL SPECIFICATIONS

#### FX1 Drive Gain

---

0 to 30dB

#### FX2 Drive Gain

---

0 to 60dB

#### +10dB Switch Gain

---

Additional 10dB

#### Input

---

Impedance 470k Ohms

Signal level –10dBv to 0dBv

#### Output

---

Impedance 1k Ohms

Signal level - same as input level

#### Supply

---

Internal 9v battery

External supply 9v Stabilised DC adaptor. Centre pin negative.