

Ashdown James LoMenzo Hyper Drive

The LoMenzo Hyper Drive is a bass specific distortion unit providing a unique range of distortion effects as envisioned by James LoMenzo, bassist for Megadeth. The operation of this distortion pedal is totally unique and unlike any previous and existing distortion or overdrive effects units. A band of frequencies within the Mid range of the bass signal is filtered out and the distortion effect is added only to this band of frequencies. The filtered frequencies can be 'tuned' to the precise range that gives the optimum effect. The degree of distortion available is variable from a slight effect only to well over the top, allowing for a new range of extreme effects for bass to be produced. The resultant distortion effect can be mixed in with the original 'Dry' bass signal maintaining a full bodied powerful bass character with distortion overtones.

FREQ CONTROL & 'Q' SWITCH

The FREQ control adjusts the band of mid frequencies that are to be subjected to the distortion effect. The range can be swept from 200Hz to 2.2kHz. The FREQ control also works in conjunction with the 'Q' switch. With the 'Q' switch in its down position the bandwidth of the variable frequency control is set to 1 octave. With the 'Q' switch in its up position the bandwidth is half octave which gives a more peaked and focused effect.

DRIVE & +10dB SWITCH

The DRIVE control adjusts the degree of distortion added to the mid frequency band selected above. The range of this control is very wide going from almost no distortion on minimum (this is also dependent on the setting of the INPUT control) to well over the top on maximum. The +10dB switch works in conjunction with this control giving a minimum of +10dB boost to any setting of the DRIVE control providing extreme distortion effects with long sustain.

Technical specifications

Freq control filter section

Filter type – State variable band Pass

Filter frequency tunable range 200Hz to 2.2kHz

Bandwidth selectable with 'Q' switch – 1 octave (down) or 1/2 octave (up)

Drive control

0 to 60dB

+10db switch (down)

Mix control

Infinite Mix between Dry bass signal and Effected signal

Input

Impedance 470k Ohms

Signal level -10dBv to 0dBv

Output

Impedance 10k Ohms

Signal level variable -10dBv to 0dBv

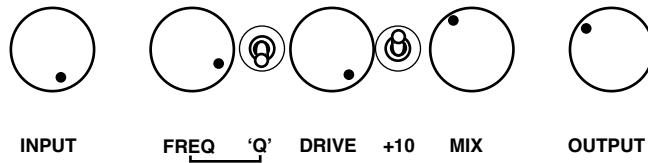
Supply

Internal 9v battery

External supply 9v DC adaptor. Centre pin negative.

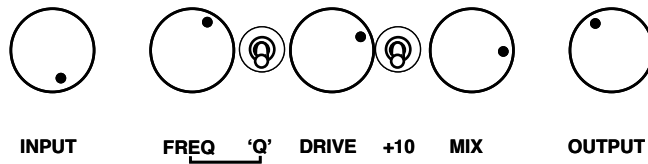
JLo's favorite overdrive setting:

Add's a touch of high frequency harmonic content to the basses basic sound



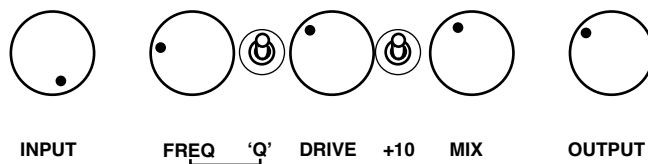
WWIII Full-bore mid-drive setting:

*****Caution, This setting will get you fired from your band!**



Blues-drive setting:

An undercurrent of lo-mid drive that gives your bass that little certain something that makes it groove just a little better.



Cello con Flamos:

This one will not only melt your amp but may likely cure you of slap-&-pop-itis forever.

