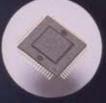
# Ibanez



The Ibanez DML20 Digital Modulation Delay provides chorus/flange/delay effects at a full range of 16kHz. The delay time is from 1msec to 1024msec so that doubling, echo and sound on sound can be achieved with full fidelity.

The modulation section with a full 4:1 sweep ratio provides the user with lush chorusing and flanging. The DML20's stereo output provides three dimensional spatial effects and all of the above without resorting to expensive rack





## mount effects.

INPUT IMPEDANCE
OUTPUT IMPEDANCE
MAXIMUM INPUT LEVEL
MAXIMUM OUTPUT LEVEL **DELAY TIME** 

EVEL I FLANGER
2 CHORUS
3 DOUBLING
4 ECHO S. 64
5 ECHO M. 128-5
6 ECHO L. 256-10216kHz(+0.5, 3df

SWEEP RATIO
SPEED RANGE
TOTAL HARMONIC DISTORTION
O.5%(400Hz - 134TOTAL HARMONIC DISTORTION
O.5%(400Hz - 20dBv)
EQUIVALENT INPUT NOISE
OOBB/(HF-A)
POWER SUPPLY
ONE 9V BATTERY (5-008P/ALKALINE) 0.06Hz 13Hz

or AC ADAPTER 68mA(DC9V)

POWER REQUIREMENT ... 125(D) × 70(W) × 54(H)mm 460g AC109 9V AC ADAPTER OPTION

## DDLZO DIGITAL DELAY III

16KHz BANDWIDTH

Not only do digital effects provide realistically delayed sound but they offer a wide array of new sound possibilities. For example, complete doubling effects can be produced with a setting of a short delay time with one repeat using the stereo output of the DDL20. The DDL20 features delay times from 8msec to 1024msec with a 16kHz bandwidth and needs no noise reduction circuits so a clean, clear sound is

achieved.

INPUT IMPEDANCE
OUTPUT IMPEDANCE
MAXIMUM INPUT LEVEL
MAXIMUM OUTPUT LEVEL 2 DOUBLING 3 SLAPBACK 4 ECHO S.

5 ECHO M. 6 ECHO L.

AC109 9V AC ADAPTER

BANDWIDTH BI-LICATE

BANDWIDTH BI-LICATE

TOTAL HARMONIC DISTORTION 0.5%(400Hz, 0.5, 35B)

EQUIVALENT INPUT NOISE 90dBv(IHF A)

POWER SUPPLY ONE 9V BATTERY (3-0067/ALKALINE)

or AC ADAPTER

WER REQUIREMENT 125(D) × 70(W) × 546\*(Internal Adaptation of Ada POWER REQUIREMENT
SIZE
WEIGHT
OPTION

**PB4 PEDAL BAG** 



