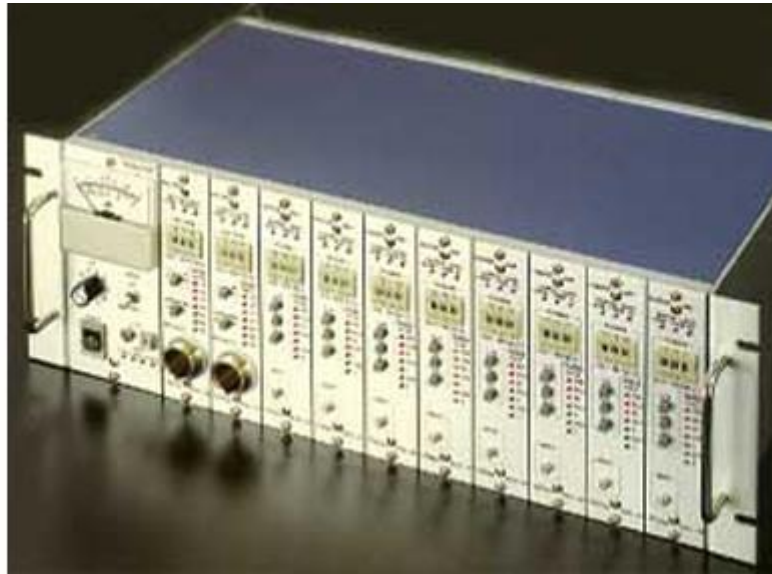


VIBRATION INSTRUMENT Dynamic Amplifier Model-4055



Features

Input characteristics	Micro connector for charge input.
Max input charge	100,000pc
Pickup Sensitivity	1.00-999pC/Unit
Measuring range	0.1,0.3,1,3,10,30,100 Unit/V FS
Phase difference between channels	3Hz-15KHz(within $\pm 5^\circ$)
Freq responce	2Hz-20KHz(± 0.5 dB)
	1.00-99.9mV/Pa
Microphone sensitivity	
Microphone power source	A built-in power for the condenser microphone.
Measuring range(10dB step)	50-110dB/FS (10.0-99.9mV/Pa microphone is used at $\times 0.1$ range)
	70-130dB/FS (The same range showing the front pannel)

90-150dB/FS (1.00-9.99mV/Pa microphone is used
 at ×1 range)

Freq response	"LIN" 10Hz-20KHz (±0.5dB) "A" Weighing: Conformance with JIS or IEC for precision sound level meter.
Phase difference between channels(LIN)	10Hz-10KHz (within ±5°)

Product Spesification

! Listener/Talker Function via GB-IB

Range setting	Same range setting all the channels or individual range setting channel by channel.
Cal-Meas selection	Simultaneous all channel selection.
Status reading	Amplifier unit type, pickup sensitivity range and microphone amplifier weighting can be read.
Output level reading	Specified channel's output level can be read in response to the three step LED indicator.
SRQ function	Service request is transmitted when overload, command error or calibration status is detected.

! Manual operating functions

Measuring range setting	Selected channel can be set with the UP/DOWN switch.
CAL signal	A calibration signal is simultaneously output from all the channels.

Output level	The output level of the specified channel is indicated with an analog meter.
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The Others

Rated output	$\pm 1V/FS$, Non-distortion maximum output voltage: $\pm 10V$ (typical).
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Output impedance	$180\Omega + 100\mu F$
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LED level indicator	One green LED is lit when the signal level exceeding -20dB, and two green LED are lit exceeding -10dB.
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Over load indicator	Red LED is lit when the output voltage exceeding 1.4Vrms or exceeding the linear sphere.
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CAL-signal	300Hz, $\pm 1V$, sinusoidal wave.
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Temperature, Humidity	0-55°C, 90%RH max.
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Size, weight	In case of 10CH type 420(W)×149(H)×300(D)mm, 9.5kg.
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4055-01:550g, 4055-02:600g, 4055-10M:1750g

Portable cases are lined up from 4 to 10 channel type.

