

Microphone Pre-amplifier for dynamic microphone

HAD-48

Sanken HAD-48 is microphone pre-amplifier for dynamic microphone driven by 48V phantom power fed from mixer mic input side. Thus it does not need any battery to use. It has +20dB and +40dB selectable gain and gain select switch.

It does not pass 48V phantom power to its INPUT, therefore it can not be used with normal condenser microphone, except self battery driven microphones.

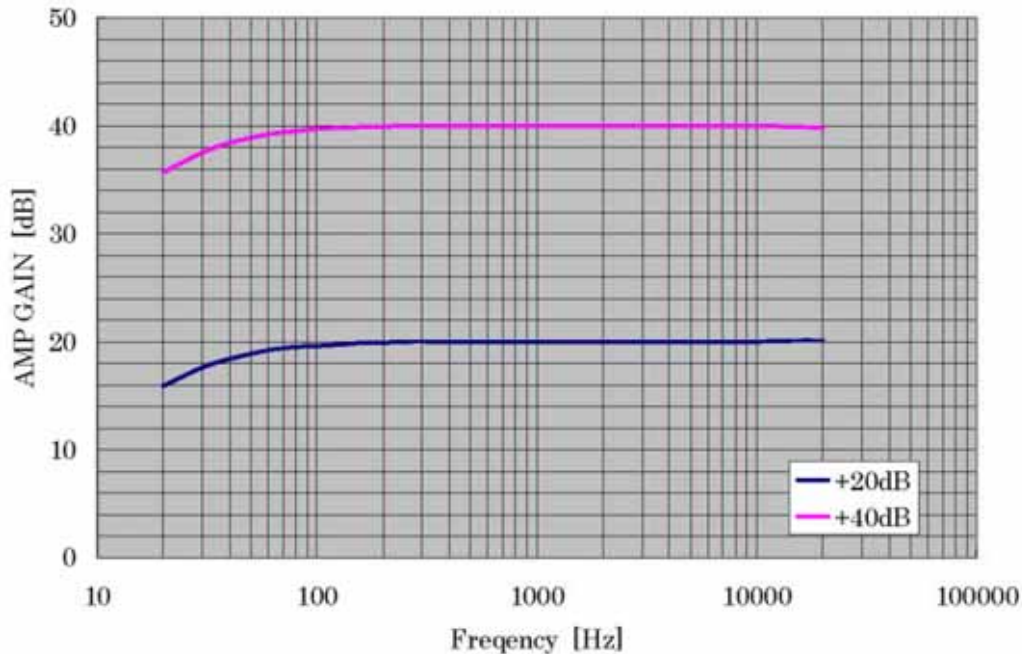
Connect a Dynamic microphone to HAD-48 input as short as possible from microphone. HAD-48 output can be connected with long cable up to 500 meters(1,640ft). Microphone cable should be connected with mic input of mixer or microphone preamplifier, and set phantom power on. Select appropriate gain +20dB or +40dB by switch.



- Super Helper for low-output devices
- Can have good signal to noise ratio
- Keep dynamic pure sound in long distance
- +20dB, +40dB gain selectable
- XLR-style barrel handy tool
- Driven by +48V phantom from mixer
- No battery required
- Draws less than 3.5mA

HAD-48

HAD-48 Frequency Response



+20dB/+40dB
Gain switch

Specifications:

Gain:	+20dB or +40dB switchable
Nominal Input Level:	1.0mV(-60dBV)
Nominal Output Level:	0.1V(-20dBV)
Frequency Response:	30Hz~50kHz/+20dB ,+40dB position(+0,-3dB)
Consumption Current:	Less than 3.5mA
Self Noise Level:	Less than -120dBA
Max Input Level(THD1%):	707.9mV(-3dBV)/+20dB position 70.8mV(-23dBV)/+40dB position
Max Output Level(THD1%):	750mV(-2.5dBV)/1k Ohms Load
Input Impedance(1kHz):	10k Ohms
Output Impedance(1kHz):	150 Ohms
Recommended Receive Side Impedance:	More than 1k Ohms
Powering:	+48V DC Universal Phantom Feeding
Phantom Voltage Range:	+30V~+52V DC Phantom fed from Mixer or Microphone Pre Amplifier side
Input Connector:	XLR-3-11F
Output Connector:	XLR-3-12M
Case Material:	Brass
Finish:	Lusterless Silver Color Nickel-plated
Dimensions:	115.3mm(L), 19mm(φ)
Weight:	90g