

AP33 前置&后级放大器

产品简介：

这台设备配置了 3 路独立的 24V ICP 恒流麦克风前置调理电路及 3 路独立的后级放大电路。

3 路独立的调理电路,亦可分别可加载 A 加权滤波及 20dB 增益(由设备左侧面板上面的 2 位拨动开关控制)。

此 3 路麦克风前置调理电路完全配合具有 ICP 前置放大的仿真耳及测量麦克风。对于附带麦克风的立体声耳机的综合测试而言,可同时接左右声道的仿真耳及校准仿真嘴的测量麦克风,无需添加其他设备。

3 路独立的后级放大器具有十分平坦的频响曲线以及极低的失真。配合附带通话麦克风的立体声耳机的综合测试,可分别推动左右声道的耳机及仿真嘴。无需再添加其他设备。

当然,对于更简单的电声测试而言搭配此设备更是毫无问题



MICROPHONE PREAMPLIFIER

TECHNICAL SPECIFICATIONS:

FREQUENCY RESPONSE: 7Hz-110kHz (-3dB)

THD (@1kHz): 0.01%

WEIGHTING FILTERS: A (IEC 651 - TYPE I)

INPUT NOISE (@20dB Gain): 7uV LIN, 5.3uV A

CCP POWER SUPPLY: 0V, 24V(5600 Ohm)

DRIVE CAPABILITY: $\pm 7\text{mA}$

GAIN : 0 & 20dB

INPUT IMPEDANCE: 5600 Ohm

OUTPUT IMPEDANCE: 100 Ohm

SIZE: 210×143×69mm

MAXIMUM OUTPUT VOLTAGE (@1kHz): 5 Vpp

POWER AMPLIFIER

TECHNICAL SPECIFICATIONS:

OUT POWER: 50W(8 Ohm)

FREQUENCY RESPONSE: 20Hz÷110kHz (-1dB)

THD (@1 kHz): 0.004%

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PRODUCT DESCRIPTION

The microphone preamplifier is designed to match ICP microphone. It also can match artificial mouth with a one way post-amplifier. The power drive the microphone connected to it's input with an 24V CCP power supply and adds a selectable weighting filter (A); also available a 20 dB gain stage.



The Power Amplifier is designed to fulfil the needs of an electro-acoustical analyzer to amplify audio. Using the Power Amplifier for frequency response measurements acts as 25W power amplifier to drive the speaker or artificial mouth.

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WEIGHTING FILTERS: A (IEC 651 - TYPE I)

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CCP POWER SUPPLY: 0V, 24V(5600 Ohm)

DRIVE CAPABILITY: ± 7 mA

GAIN : 0 & 20dB

INPUT IMPEDANCE: 5600 Ohm

OUTPUT IMPEDANCE: 100 Ohm

SIZE: 210×143×69mm

MAXIMUM OUTPUT VOLTAGE (@1kHz): 5 Vpp

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