

**7408 – Audio Input Module****Key Features:**

- Allows music and speech as audio input.
- Input via Microphone
- Gain control to control voltage amplification
- Switchable fourth order low pass filter

The 7408 audio input module allows speech and music signals as audio input to any communication trainer, it sends these signals over different communication systems. The audio input module accepts the input signal from either a microphone or a cassette recorder which it amplifies by a gain adjustable voltage amplifier. The audio input module and audio output module in conjunction with the trainer allows the user to study the effect of different communication system on transmission and reception of speech and music. The trainer can be used in applications requiring conversion of sound signals to electrical signals.

**Specification**

Input Impedance	600 $\Omega$ (Microphone Socket)
Input Impedance	100K $\Omega$ (Tape Socket)
Voltage Gain	+1 to +107 (approx.)
L.P. Filter	4 <sup>th</sup> Order (3.4 KHz Cutoff)
Max. Output Voltage	$\pm 5.5V$
Power	230V $\pm 10\%$ 50/60Hz
Dimensions (mm)	W420, H100, D255
Weight	2Kg (approx.)

**Ordering Information**

<b>Model Number:</b>	<b>7408</b>
<i>Consists of:</i>	Audio Input Module Manual Microphone

**Notes.**

1. *Specification is subject to change without notice.*
  2. *All dimensions are in mm unless otherwise stated*
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