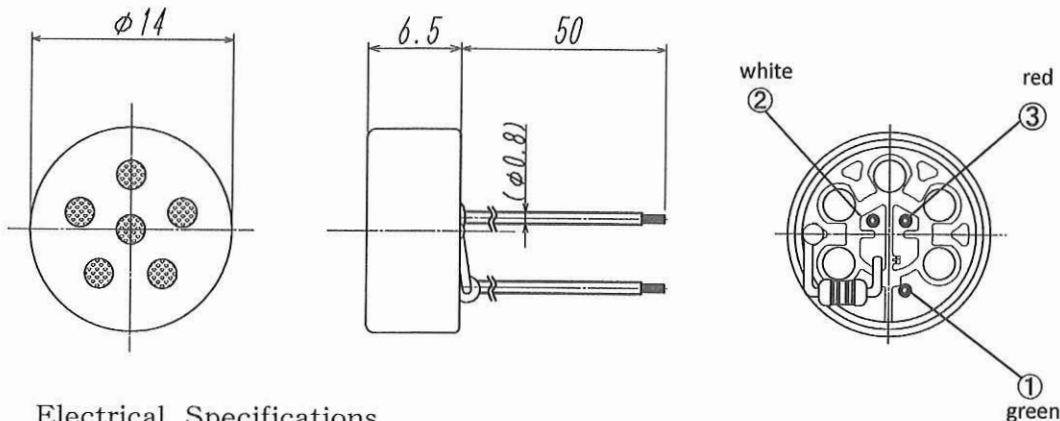


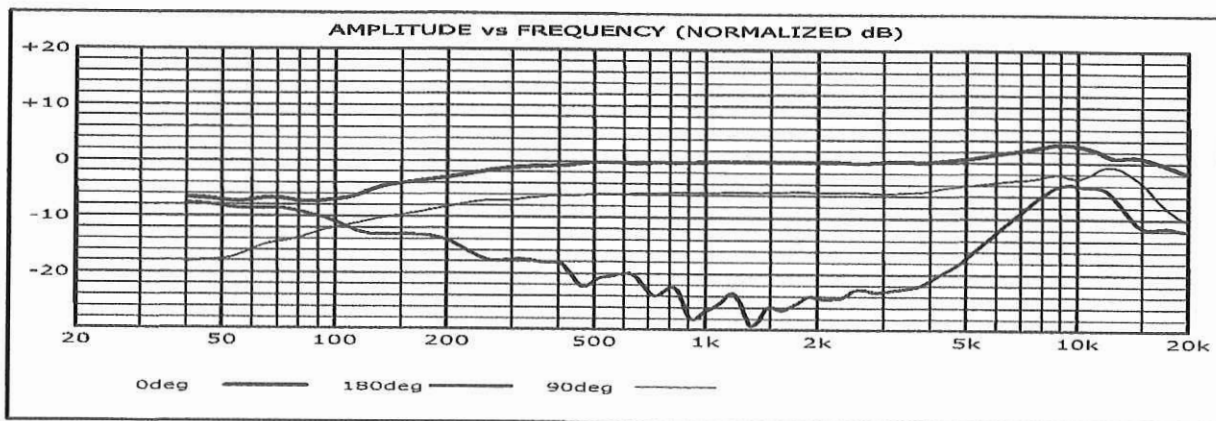
Specification	Model	No	Page
	FLU-03A with lead wire	071771	1/1

1. Outer Appearance and Dimensions (unit : mm)

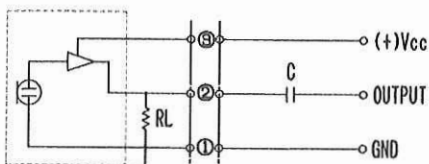


2. Electrical Specifications

- 2-1 Type Back Electret Condenser
- 2-2 Sensitivity  $-45\text{dB} \pm 2\text{dB}$  (0dB = 1V / 1Pa)
- 2-3 Frequency Range 50Hz ~ 20kHz
- 2-4 Impedance  $1.3\text{k}\Omega$  typical at 1kHz (RL =  $6.8\text{k}\Omega$ )
- 2-5 Polar Pattern Uni-Directional
- 2-6 Power Requirements 1.3V ~ 12V Operating Voltage Reference 1.5V
- 2-7 Current Consumption less than  $300\mu\text{A}$
- 2-8 Maximum Input S. P. L 110dB S. P. L (DC 1.5V RL= $6.8\text{k}\Omega$  at 1kHz 1% THD)  
120dB S. P. L (DC 1.5V RL= $10\text{k}\Omega$  at 1kHz 1% THD)
- 2-9 Signal/Noise Ratio Greater than 66dB (at 1kHz/Pa A-Weighted)
- 2-10 Polarity Positive acoustic Pressure on the diaphragm  
Generates a positive phase voltage on OUTPUT
- 2-11 Frequency Response



Measurement Circuit



RevNo.	Date	Revision note	<b>Four-Leaf</b>	approval	check	draw