

# Electret Condenser Microphone

<b>Model No.</b>	JLI-140A-HD	<b>Designation</b>	N/A
------------------	-------------	--------------------	-----

## NOTES:

- All the soldering procedures upon microphones must be completed in a metallic device and the temperature of the soldering iron must be limited to  $360\pm 10^{\circ}\text{C}$  and the soldering time should not exceed 3 seconds.
- Operators, the soldering fixture and the soldering iron must be statically grounded under each soldering process.

## 1. ELECTRICAL SPECIFICATIONS

### Standard Conditions

Ordinary Temperature	5 to 35°C
Ordinary Humidity	45 to 85%
Ordinary air pressure	86 to 106kPa

### Basic Test Conditions

Temperature	$20 \pm 2^{\circ}\text{C}$
Humidity	63 to 67%
Ordinary air pressure	86 to 106kPa

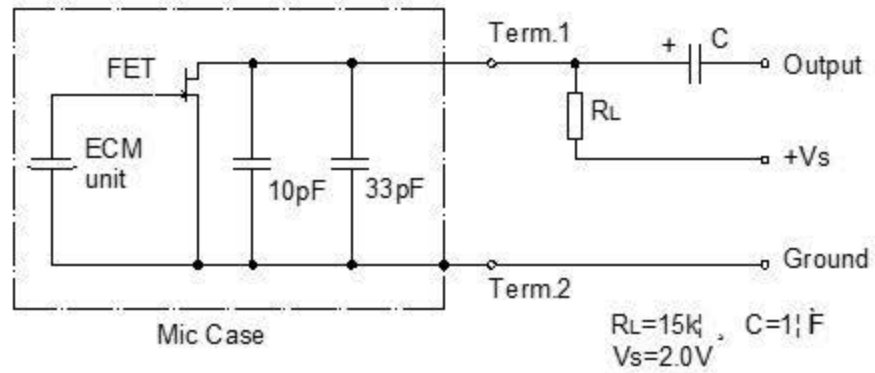
Parameter	SPEC.	Unit
Directional Characteristic	Uni-directional	-
Sensitivity	$-35 \pm 1.5$	dB
Impedance	2 (Max)	k $\Omega$
S/N Ratio ( A weighted network)	80(Typ.)	dB
Maximum Input Sound Pressure Level	120	dB
	THD $\leq 1\%$	
Standard Operating Voltage	2.0	Vdc
Operating Voltage Range	1.0~10.0	Vdc
Decrease Voltage Characteristics( $V_s=2.0$ to 1.0V dc)	-3(Max)	dB
Current Consumption	200 (Max)	$\mu\text{A}$
Standard Test Circuit	See Fig. 1	-
Frequency Response Characteristic	See Fig. 2	-
Memo	Standard test condition	$R_L=15\text{k}\Omega, V_s=2.0\text{V dc}$ (@f=1kHz, Pin=1Pa, 0dB=1V/Pa, L=50cm)

# Electret Condenser Microphone

<b>Model No.</b>	JLI-140A-HD	<b>Designation</b>	N/A
------------------	-------------	--------------------	-----

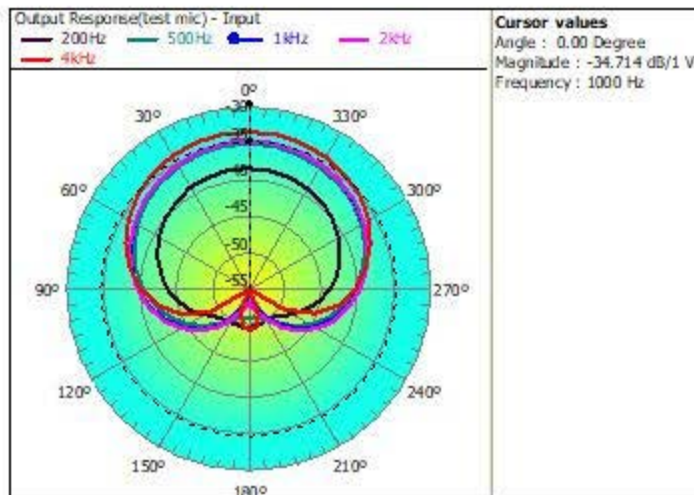
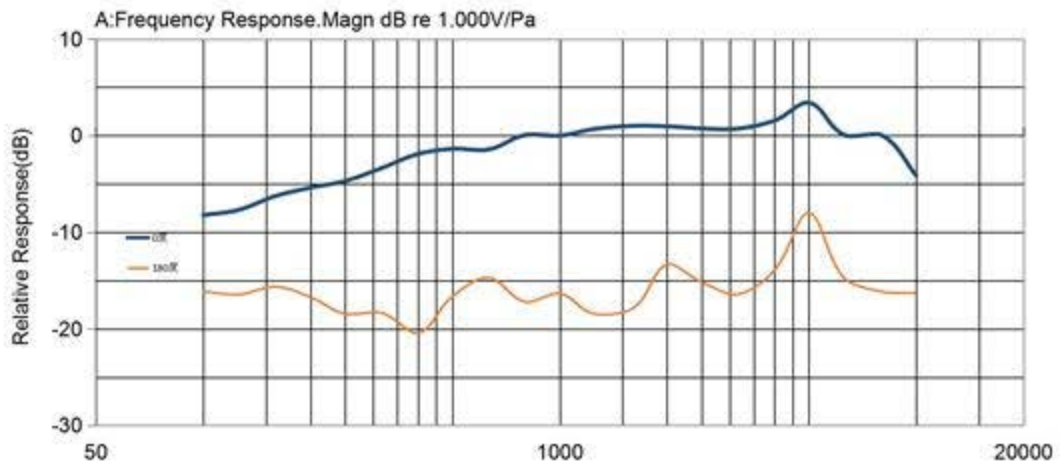
## 2. STANDARD TEST CIRCUIT

Fig.1



## 3. TYPICAL FREQUENCY RESPONSE

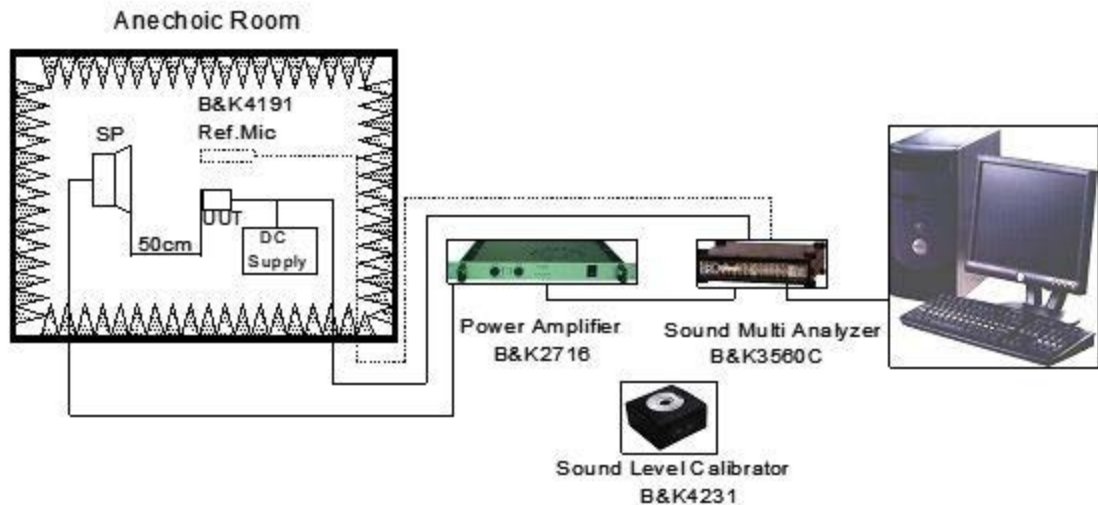
Fig.2



# Electret Condenser Microphone

Model No.	JLI-140A-HD	Designation	N/A
-----------	-------------	-------------	-----

## 5. MEASUREMENT SYSTEM:



## 6. APPEARANCE & DIMENSION (Unit : mm)

