

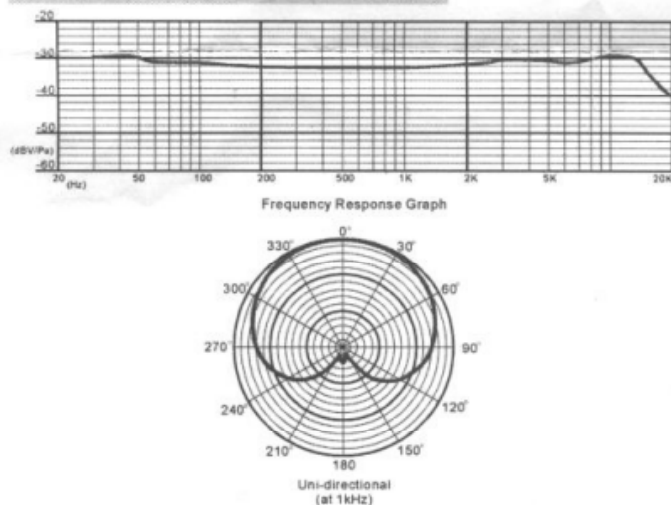


The LD-9 solidtube microphone, it use a special vacuum tube preamplifier and the circuit is meticulous in designing and construction, even the every component is selected carefully, so the tone quality is more softer and natural. The special cardioid directional pattern, which is a good choice for vocalists and studio on stage, broad casting, television, especially as a vocal microphone for all type of music.

SPECIFICATIONS:

Element: Pressure gradient transducer
 Polar pattern: Uni-directional
 Frequency response: 20Hz~20kHz
 Sensitivity: -34dB \pm 2dB(0dB=1V/Pa at 1kHz)
 Output impedance: 200 Ω \pm 30% (at 1kHz)
 Load impedance: \geq 1000 Ω
 Self noise: 15dB A (IEC 581-5)
 Max input SPL: 128dB (at 1kHz \leq 1% T.H.D)
 S/N ratio: 79dB
 Body dimensions: \varnothing 55X201mm
 Net weight: 655g

FREQUENCY RESPONSE GRAPH:



CONNECTING AND DISCONNECTING THE MICROPHONE CABLE:

1. Insert the XLR connector into the microphone. If necessary, rotate the connector to align the key on the connector and the groove in the microphone. Push the connector into the microphone until it clicks.
2. To disconnect the cable and microphone, grasp the connector while depressing the tab. Pull the connector away from the microphone.

OPERATION:



USAGE:

1. Open the carrying case, fit the microphone into the shockmount, ensure the position of the microphone on the front of the sound sources.
2. Take the power supply PM-2 out from the carrying case, two types of voltage can be selected: 220V or 110V, so please check the power type of the power supply with the local mains voltage.
3. Adjust the volume control knob of the amplifier or mixer, make the volume is the lowest, set up the equipments according to the sketch. Turn on the power supply, then power the microphone, the tube will give off light, which indicate the microphone is essentially ready for operation.
4. After switching on the microphone power on the power supply unit, please allow a few minutes for the tube to warm up so as to get the full, warm sound.

CAUTIONS:

1. Because use a precision vacuum electronic tube with a high operating voltage (200V DC), please do not open the housing at will, avoid damaging your safety.
2. The microphone incorporates an 7025 vacuum tube, after using about 2000 hours later, the tone quality will be dropped, recommend you to use replacement tubes of the same type only.
3. Replace the tube: Turn off all the power supplies, take the connected cable apart, use a special spanner offered by Gatt AUDIO, settle the spanner in the notch of the fixed washer in housing tail, turn the spanner anticlockwise till the fixed washer be taken off, then push the lower half of the housing down wards so far from the upper grid cap part until the vacuum tube is exposed. Now you can removed by carefully pushing away the lower part of the elasticated cushioning for the tube and simultaneously, carefully levering the tube out of the socket, inserting a new tube is done in reverse order of the above description. Finally please push the lower part of the housing forwards again to the grid part and, take care that the spanner remains free so that the fixed washer can be screwed in again fully and tightly.
5. Do not drop it from high or apply strong shock to it!
6. Do not use or store the system in high temperature or humidity environment, avoid affecting the sensitivity and the tone quality.

PACKING LIST:

- LD-9 solidtube microphone 1pc
- PM-2 power supply 1pc
- Power cable 1pc
- 8m (30ft) connecting cable with 7 Pin M&F connector 1pc
- SH-100 elastic shockmount 1pc
- MWS-10 foam windscreen 1pc
- Spanner 1pc
- Black rubber band (spare part) 1pc
- Aluminum carrying case 1pc
- Manual 1pc