PROFESSIONAL CONDENSER RECORDING MICROPHONE

GATT AUDIO CSM-320 is a professional condenser microphone for recording, which uses the high quality back electrect conderser cartriadge. This microphone has a cardioid (Uni-directional) polar pickup pattern. Which provides it with smooth, flat frequency response and the clear, soft sound. It's excellent classic design coupled with the modern acoustic theory, provides the perfect and vivid vocal pickup with its characteristic presence peak.

CSM-320 features a 5/8" thread swivel mount, which can be used as a general connection of all kinds of shock mount. This microphone is ideal for a wide range of sound applications such as professional stage performance and the recording of acoustic instruments, etc.

SPECIFICATIONS:

Element: Back Electret Condenser

Polar Pattern: Uni-directional

Frequency Response: 30Hz-18kHz

Sensitivity: -36dB±2dB(0dB=1V/Pa at 1kHz)

Equivalent Noise Level: ⩽22dB A

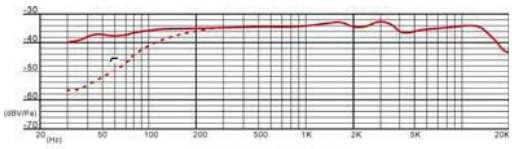
Max Input SPL: 127dB (T.H.D ⩽1% at 1KHz)

Output Impedance: 100Ω±30% (at 1kHz)

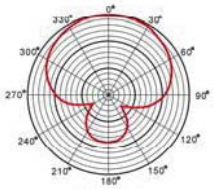
Bass Filter: 100Hz 12dB /octave

Power Requirements: 48V DC Phantom Power.

Net Weight: 650g



Frequency Response Graph



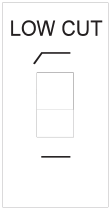
Uni-directional
(at 1kHz)

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:

HOW TO USE SWITCH:



Low frequency attenuation: when the switch is on the position "-". It is of no attenuation, when it is on " ┌" position, it can balance the low frequency raising effect of short distance pickup and reduce feedback, not easy to cause howling.

USAGE:

1. Turn on your amplifier or mixing board and set the volume control to minimum position, To connect the phantom power to the microphone turning on the phantom switch, accommodate the volume control from low to high so obtained effect to your moderate level for protected the sauna from pounding.
2. If the head of the microphone is covered by hand or brought close to the speaker, a howling sound may be generated. To prevent this, first decrease the volume, then place the microphone so that it is not pointed to the speaker and that there is a sufficient distance between the microphone and speaker.
3. The sensitivity of cartridge is very fine, don't do drop. Hit it or apply strong shock to it.
4. To maintain the sensitivity and quality of sound reproducing, avoid exposing it to moisture and extreme temperatures.