



INVOTONE CM-610 PRO is the latest condenser microphone for musical instruments. It adopts a back electret condenser capsule which ensures warm and rich sound at intermediate frequencies and no pliosions at high ones enabling the real nature of the sound to be reproduced clearly. It can be used for orchestral instruments, pianos, etc.

CM-610 PRO professional condenser microphone is powered by 9V-52V DC phantom.

Its standard XLR connector matches all kinds of audio equipment. It's an ideal choice for acoustic projects. The exceptional design and durable construction make it extremely attractive for the end-users.

### Specifications:

Element: Back Electret Condenser

Polar Pattern: Uni-directional

Frequency Response: 30Hz-18kHz

Sensitivity: -38dB±3dB(0dB=1V/Pa at 1kHz)

Output Impedance: 100Ω±30%(at 1kHz)

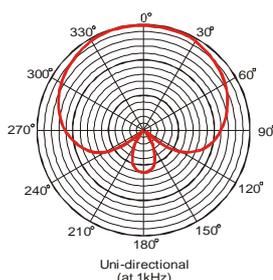
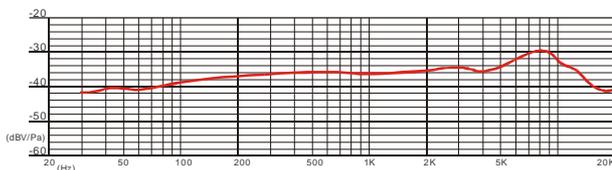
Max. Input SPL: 135dB(at 1kHz ≤1% T.H.D)

Self Noise: 24dB A

S/N Ratio: 70dB

Phantom Power Requirement: 9V-52V DC phantom

### 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. 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.