

INVOTONE CM-550PRO is exceptionally designed for quality vocal pickup applications (i.e on stage performances) and recording instruments (i.e piano, orchestral instruments). The excellent sound quality and professional performance make it the best choice and must-have equipment for every performing group.

Composed of lasting Zinc-die casting housing, heat treatment hardened grille and firmly protected internal structure, INVOTONE CM-550PRO permits high durability under harsh conditions. This special design is tailored for the exceptional requirement of active performers.

CM-550PRO adopts a back electret condenser capsule with its stable and smooth frequency range, which let it deliver the clear, bright and natural sound reproduction. It is the best choice for live performances as well as professional karaoke applications.

The lockable magnetic-reed ON/OFF switch smartly protects you from the unexpected pausing of the performance. The microphone is provided with balanced and shielded 6m long cable with two cores.

0

## Specifications:

Element: Back Electret Condenser

Polar Pattern: Uni-directional

Frequency Response: 50Hz-18kHz

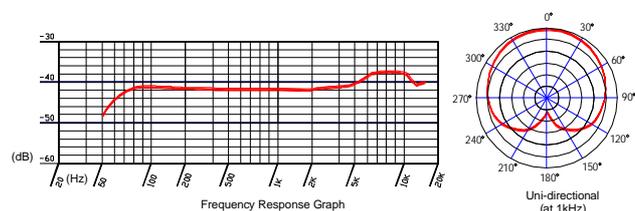
Sensitivity: -45dB±3dB(0dB=1V/Pa at 1kHz)

Output Impedance: 1500Ω±30%(at 1kHz)

Max. Input SPL: 136dB(at 1kHz≤1% T.H.D)

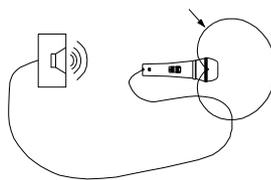
S/N Ratio: 60dB

## Frequency Response Graph:

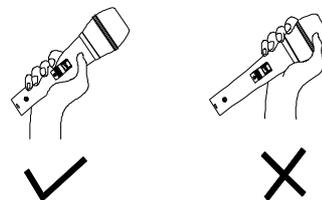


## Usage:

1. For the best Gain-before-feedback and isolation from undesired background noise, aim the microphone, toward the sound resource and away from undesired sound resource.

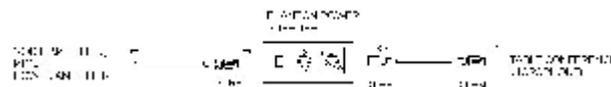


2. Do not cover any part of the grille with your hand, covering the



grille alters the sound and distorts the polar pattern increasing the chance for feedback.

3. Operation:



4. Cautions:

- 1. The cartridge is powered by batteries. When sound cannot be reproduced, please check the energy or change the batteries.
- 2. Due to the high sensitivity of the cartridge, do not drop it from high or apply strong shock to it.
- 3. To maintain
- 4. In the sensitivity and quality of sound reproducing, avoid exposing it to moisture and extreme temperatures.