



C-TUBE 10

SPECIFICATIONS

BOOK

MadBoy Condenser Microphone

MadBoy C-TUBE 10 is a wide-range condenser microphone designed for quality vocal pickup applications for both on stage, as well as studio performances. Composed of a lasting zinc die-cast body, heat treated hardened grill and a firmly protected internal structure, the C-TUBE 10 permits extreme durability under harsh conditions. The cartridge is built with condensert electret technology, which not only eliminates the need for phantom power, but also delivers improved quality of vocals with minimum distortion than most dynamic microphones.

The C-TUBE 10 is the #1 choice for those seeking a higher level of enjoyment in Karaoke.

Specifications:

Element : Back Electret Condenser

Polar Pattern: Cardioid(0° ~180° @1KHz>12db)

Frequency Response: 40Hz to 20KHz

Sensitivity: 3.2mV-5dB/Pv

Impedance: 1200 Ω

Max input SPL: 132dB at 1KHz & ≤0.3%

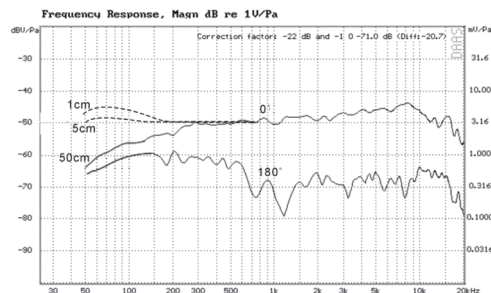
S/N Ratio: ≥90dB at 94dB 1KHz

Battery Type: AA 1.5V

Body dimensions: ∅ 49(MAX)X ∅190mm

Weight: 250g

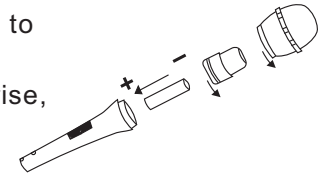
Frequency Response Graph:



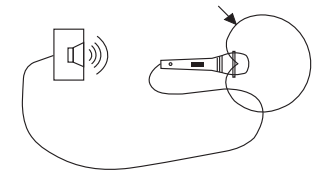
Usage:

1. Installing the battery:

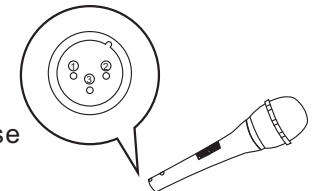
- Battery size: AA
- Since this is a capacitance microphone, It need to apply a bias voltage. Before using, Please screwing out the grille in counter clock rise, install the battery with the properly polarity by upward in anode downward in cathode.



2. Please don't point the microphone toward loudspeaker to avoid any chance for feedback.



3. The Microphone is Balance out design, The 3-pins XLR Male Connector, Pin 1 always for the 'earthy' return, Pin 2 for signal+, Pin 3 for signal-, It can directly connect to the appliance which is suitable for balance input model. If any unbalance input equipment need, Please use the Female XLR connector of the signal cable, By connecting the pin 1 & 3, make the signal output from pin 2, otherwise the Audio is out of silence.



4. Please don't use the paper cell battery to avoid any weeping destroy the microphone, the battery should be removed to long-term storage.

5. Don't keep the microphone to the temperature above 50°C