

▲▲ **AktivAudio**



MTC 12
multi tube condenser

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Thank you for buying the MTC 12 dual capsule tube condenser microphone!

The MTC 12 is an ideal sound picking up device which can be used to ensure high quality sound reproduction. The microphone has a dual 25 mm 3 micron tick gold sputtered capsule and it has 9 different polar pick-up patterns. The vintage designed microphone uses a 12AX7B tube and transformer-coupled output, to give you a big, open and airy sound. The MTC 12 can be used as an all purpose studio microphone, it can be used for vocals and to record all kinds of acoustic and electric instruments.

You can adjust the bass response by changing the distance from the microphone to the sound source.

Using the MTC 12

Attach the shock mount to the microphone and put it on a solid stand. Connect the supplied 7 pin XLR cable between the MTC 12 and the PSU 12 power supply. Connect the supplied AC power cord between the PSU 12 and a grounded outlet. Connect a normal 3 pin XLR cable between the power supply and the preamp/mixer.

Turn on the power of the preamp/mixer and do NOT use 48V phantom power, as the microphone has its own power supply. Then turn on the power of the PSU 12. Let the tube warm up for about 15 minutes before use. This will give you an optimum performance and a long and healthy life of the tube. When you shut down the power of your system, always start with the PSU 12 and wait for a one minute before you turn off the power of the mixer/preamp.

Precautions

The MTC 12 is a sensitive piece of equipment and should be handled carefully. Always use a pop-filter when used on vocals or kickdrum and don't put it inside or close to the front of a kickdrum. Keep it in the microphone case for storage or transport and be sure that the tea bag with Silica Gel is in use, to suck moisture out of the electronics. Avoid exposing it for direct sunlight or extreme humidity for longer periods.

Warranty

Aktiv Audio warrants the product to be free in normal use of any defects in workmanship and materials for two years from the date of purchase. The tube however has a limited warranty of 6 months. This warranty does not cover abuse or misuse of the product, use contrary to the instruction, accident, ordinary wear and tear or unauthorized repair.

Should it ever need service, please contact your dealer.

Specifications

- Dual 25 mm, 3 micron gold sputtered capsule
- Polar patterns: Omni, cardioid, figure-8 and six intermediate stages (silent switching)
- Frequency response: 20 Hz – 20 kHz
- Output impedance: 200 Ohm
- Load impedance: 1 kOhm or more
- Max. SPL (1 % THD @ 1 kHz): 134 db
- Self noise (EIN): 18 db
- S/N ratio: 74 db
- Sensitivity: - 36 db (1 kHz)
- Tube type: A selected 12AX7B
- Net weight: 800 g
- Dimensions: Ø 60 mm x 180 mm
- Power requirement:
Dedicated power supply
PSU 12 operating at 115 or 230V AC power

The MTC 12 has a silky black rubber coating of the body and chromed butt, head and shockmount. The microphone is a good allround choice for vocals and most electric and acoustic instruments and has low inherent noise and a broad dynamic range and produce a rich mellow and distinct sound.



Included accessories

- A foam windscreen
- Shockmount
- PSU 12 power supply
- AC power cable
- 10 m XLR 7 pins mic cable
- User manual
- Aluminum carrying case



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