

▲▲ **AktivAudio**

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MTC 10
multi tube condenser

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Congratulations with the MTC 10 dual capsule tube condenser microphone! It will perform great whenever you need a microphone for quality recordings. It can be used for critical vocal recordings and the attachable pop-filter and a 100 Hz 6 db / octave High Pass Filter are useful tools for the job. You can also use it for any other acoustic or electric instruments, as an overhead microphone for drums and for recording choirs.

For high pressure sound levels there is a - 10 db pad switch and don't forget that it has three different pattern, making it even more versatile. You can adjust the bass response by changing the distance from the microphone to the sound source or using the HP Filter.

Using the MTC 10

Attach the pop-filter and the shockmount to the microphone and put it on a solid stand. Connect the supplied 7 pin XLR cable between the MTC 10 and the PSU 10 power supply and a 3 pin XLR cable between the PSU 10 and the preamp/mixer. The power supply needs 115 or 230V AC power and there is a fuse situated at the AC input of the unit. Pull the holder out of its hole and change the fuse if needed. Connect the supplied AC power cord between the PSU 10 and a grounded outlet.

Turn on the power of the mixer/preamp and do NOT use 48V phantom power, as the mic has its own power supply. Then turn on the power of the PSU 10. 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 equipment, always start with the PSU 10 and wait for one minute before you turn off the power of the mixer/preamp.

Precautions

The MTC 10 is a sensitive piece of equipment and should be handled carefully. Always use the pop-filter when used on vocals or kickdrum and keep it in the case for transport and storage. Be sure that the tea bag with the Silica Gel is kept together with the microphone, to suck any possible moisture out of the electronics. Do not put it inside or close to the front of a kickdrum. 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 35 mm, 5 micron gold sputtered capsule
- Polar patterns: Cardioid, omni and figure-8
- Frequency response: 20 Hz – 20 kHz
- Output impedance: 200 Ohm
- Load impedance: 1 kOhm
- Max. SPL (0,5 % THD @ 1 kHz): 124 / 134 db
- Self noise (EIN): 18 db (A weight IEC / 651)
- S/N ratio: 74 db
- Sensitivity: - 36 db
- Pad: - 10 db
- High Pass Filter: 100 Hz 6 db/octave
- Tube type: NOS MULLARD M8100 Military Grade
- Net weight: 700 g
- Dimensions: Ø 53 mm X 228 mm
- Power requirement: Dedicated power supply PSU 10 operating at 115 or 230V AC power

The MTC 10 has a transformer coupled output stage and delivers a warm vintage tone, with a present mid and a silky top end. Before use an equalizer to shape the sound, try to adjust the distance to the sound source.



Included accessories

- Metal mesh pop filter
- Shockmount
- PSU 10 power supply
- AC power cable
- 10 m XLR 7 pins mic cable
- User manual
- Aluminum carrying case