

MTS 67

Desktop Microphone Unit



FEATURES

- "Intelligent" microprocessor-controlled desktop microphone unit
- Operating modes: ON/OFF, Push-To-Talk and Push-To-Mute
- LED indication and illuminated ring
- Silent microphone button
- Switchable roll-off filter
- Cardioid polar pattern
- State-of-the-art metal casing
- Linear frequency response with high bandwidth
- **MTS 67/5** version: control input and output

DESCRIPTION

The MTS 67 is a desktop microphone unit with many different functions. Depending on the operation, it is possible to choose between three operating modes: ON/OFF, Push-To-Talk (PTT) or Push-To-Mute (PTM). The different functions are controlled by an 8 bit micro-controller. Furthermore, the frequency response can be tailored for use in three modes: linear, 90 Hz bass roll off, 150 Hz bass roll off.

The MTS 67 is switched on and off with a silent microphone button. An LED in the housing and an illuminated ring around the gooseneck microphone show the ready-to-talk condition. The MTS 67 is ideal for discussions, tele/video conferencing and announcements.

The **MTS 67/5** version is available with a remote control i.e. the microphone can be operated with an external control contact and as a choice the built-in microphone button is switched on or off. An external device (e.g. mixing amplifier for announcements) can be triggered by an Open Collector Control output.

VERSIONS

MTS 67/3	Desktop microphone unit with 3-pin male XLR	Order # 453.862
MTS 67/5	Desktop microphone unit with 5-pin male XLR	Order # 454.168

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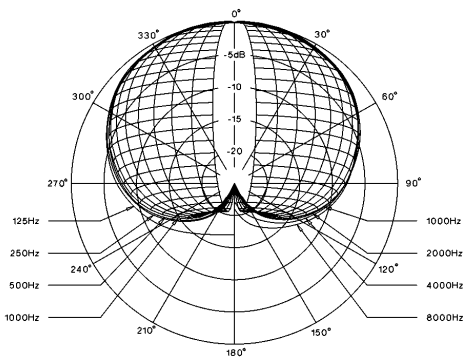
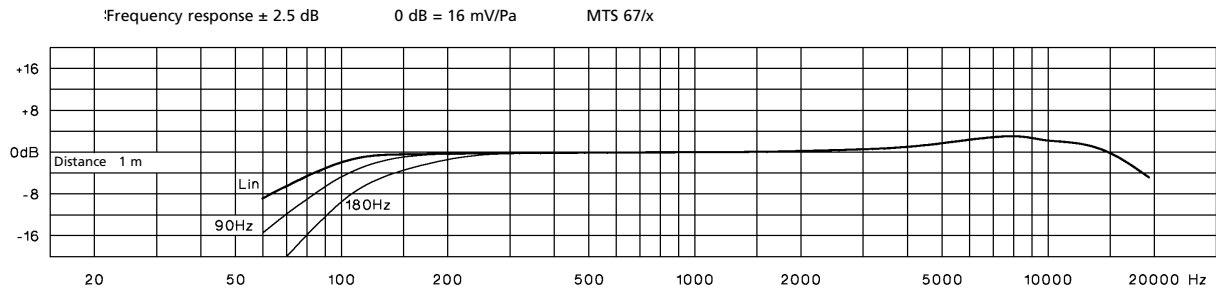
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TECHNICAL SPECIFICATIONS

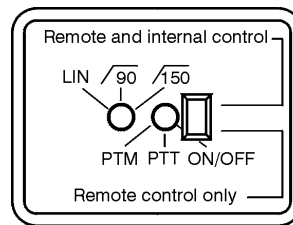
Transducer type	Condenser (back electret)
Frequency response (linear)	60 - 19,000 Hz
Polar pattern	Cardioid
Open circuit voltage at 1 kHz	16 mV/Pa
Nominal impedance	180 Ω
Load impedance	> 1 k Ω
Max. SPL at f = 1 kHz, k < 1%	122 dB
Signal-to-noise ratio rel. to 1 Pa	60 dB
A-weighted equivalent SPL	approx. 26 dB
Level attenuation Off / Mute (f = 1 kHz)	> 65 dB
Supply voltage	24 - 52 V, phantom
Power consumption	8.5 mA
Connection MTS 67/3	3-pin male XLR 1 Shield, 2 Audio+, 3 Audio-
Connection MTS 67/5	5-pin male XLR 1 Shield, 2 Audio+, 3 Audio-, 4 Control output Open Collector 50 mA / 55 V 5 Control input floating switching to chassis
Gooseneck length	400 mm
Dimensions (without microphone) L x W x H	190 x 104 x 52 mm
Weight	770 g

FREQUENCY RESPONSE & POLAR PATTERN

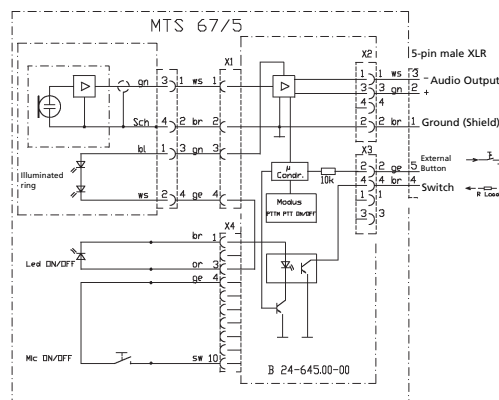
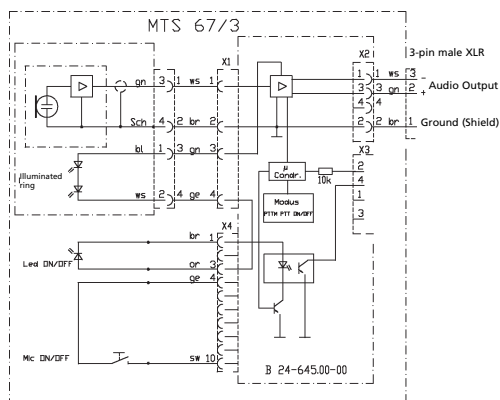
This frequency response curve (measuring tolerance ± 2.5 dB) and polar pattern correspond to a typical production sample for this microphone.



BOTTOM VIEW



WIRING DIAGRAMS



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