TLM 127

Large Diaphragm Microphone

75 Years



- New double membrane capsule, based on K 103
- Switchable to omni and cardioid + remotely controllable polar pattern (wide angle cardioid, hypercardioid, figure-8)
- Switchable preattenuation, switchable low-cut filter
- Extremely low noise: 8 dB(A)
- High SPL capability: 140 dB
- Elastic suspension included

Preliminary Info ...

Technical Data
of the TLM 127 (Remote) Switchable Condenser Microphone

Directional pattern	
Switchable at the microphone	Omni, cardioid, remote
Switchable at special power supply	Omni, wide angle cardioid, cardioid, hypercardioid, figure-8
Acoustic operating principle	Pressure gradient transducer (K 127 capsule, i.e. modified K 103 capsule)
Frequency range	20 Hz...20 kHz
Switchable low-cut filter	100 Hz
Switchable preattenuation	–14 dB
Sensitivity	12 mV/Pa
–14 dB function	2.4 mV/Pa
Rated impedance	50 ohms
Rated load impedance	1000 ohms
Equivalent SPL	
CCIR 468-3	20 dB
DIN/IEC 651	8 dB-A
S/N ratio	
CCIR 468-3	74 dB
DIN/IEC 651	86 dB
Max. SPL	
for 0.5 % THD	140 dB
Dynamic range of the microphone amplifier (DIN/IEC 651)	132 dB
Phantom Powering (P48, IEC 1938)	48 V ± 4 V
Current consumption	3.2 mA
Diameter	58 mm
Length	173 mm
Weight	450 g

Errors excepted, subject to changes • Publ. 04/03 92497/A01