The Vintage Line

Take the original

CMV 563 / M 7 S

Vacuum tube condenser microphone



- Original M 7 S gold plated PVC capsule
- Modular capsule system
- Cardioid polar pattern
- Backwards compatible to vintage M 7, M 8, M 9, M 55 K

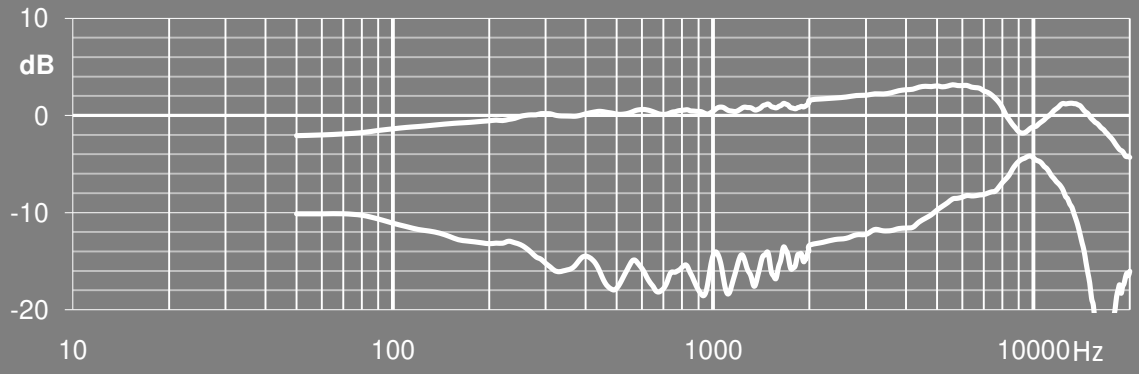
The new CMV 563 M 7 S is the original reissue of the vintage Gefell CMV 563. It has the typical warm, full-bodied sound of valve microphones that are preferred by vocalists and soloists.
The vacuum tube preamplifier is equipped with the EF 86 pentode working as a triode selected for its sonic characteristics.
The new N 61 power supply provides the operating voltage for the vacuum tube. It can be powered from AC mains with a primary voltage of 115 or 230 volts / 50 or 60 Hz.
The N 61 is equipped with an on/off switch, a 7-pin Tuchel connector that powers the microphone and a 3-pin XLR connector.
The CMV 563 M 7 S is packed in a mahogany colour wooden box and comes with power supply N 61, connection cable C 563.1, elastic suspension EA 92 and G/B adaptor for the use of vintage bayonet M 7, M 8, M 9 capsules.

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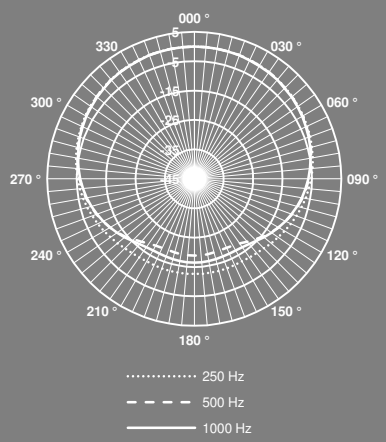
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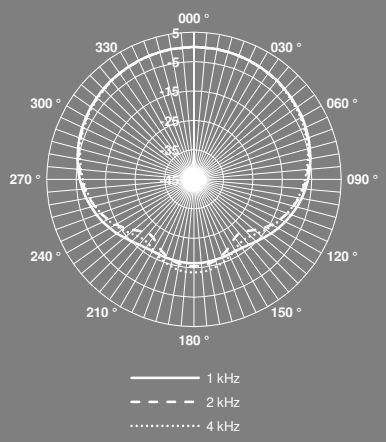
TECHNICAL DATA

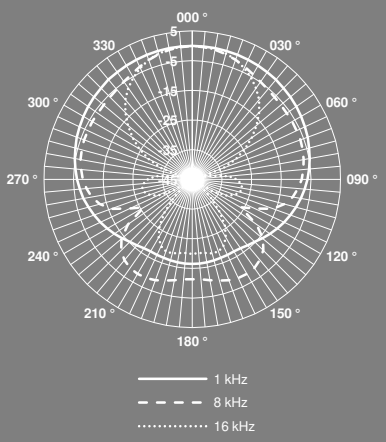
Frequency response



Polar pattern







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TECHNICAL DATA

Technical data

Polar pattern	cardioid
Acoustic operating principle	Preassure gradient transducer
Frequency range	20 ... 20000 Hz
Sensitivity at 1 kHz	17 mV/Pa
Rated impedance	200 Ω
Equivalent loudness level CCIR 468-4	24 dB
Due to inherent noise	16 dB-A
Signal-to-noise ratio CCIR	70 dB
(re 1 Pa at 1 kHz) A-bew.	78 dB -A
Max SPL for THD ≤ 0.5 % (R_L = 1 kΩ)	115 dB
Total dynamic range of the microphone preamplifier	99 dB
DC power supply	120 V-
Anode current	1 mA-
Heater voltage	5,8 V-
Heater current	200 mA-
Vacuum tube	EF 86
Output connector microphone	7-pin Tuchel
Output connector power supply	3-pin XLR connector
Weight	540 g
Dimensions (L x ø)	216 mm x 42 mm

Delivery

Tube condenser microphone CMV 563 / M 7 S
Power supply N61
Connection cable C 563.1
Elastic suspension EA 92
Bayonet adaptor G/B
In wooden briefcase L x W x H 470 x 390 x 160 mm

Hammered patina grey	Order-No. 2111141

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DELIVERY



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