

# 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 aluminium suitcase and comes with power supply N 61, connection cable C 563.1 and elastic suspension EA 92



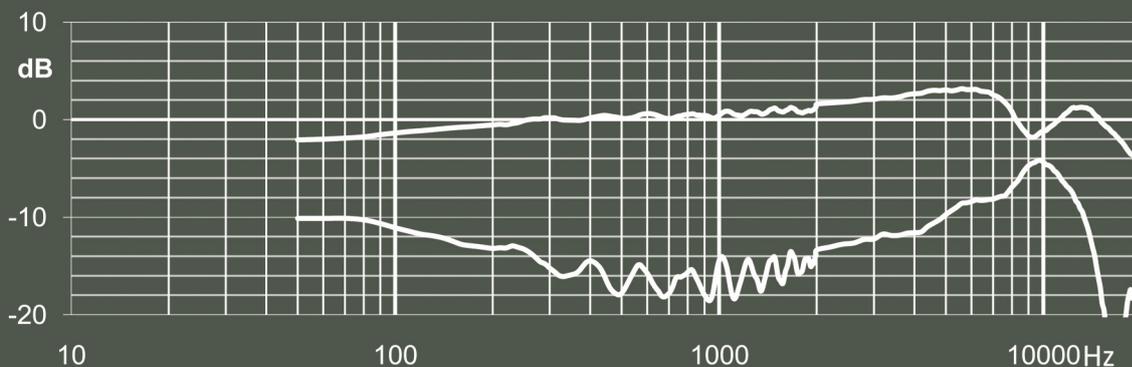
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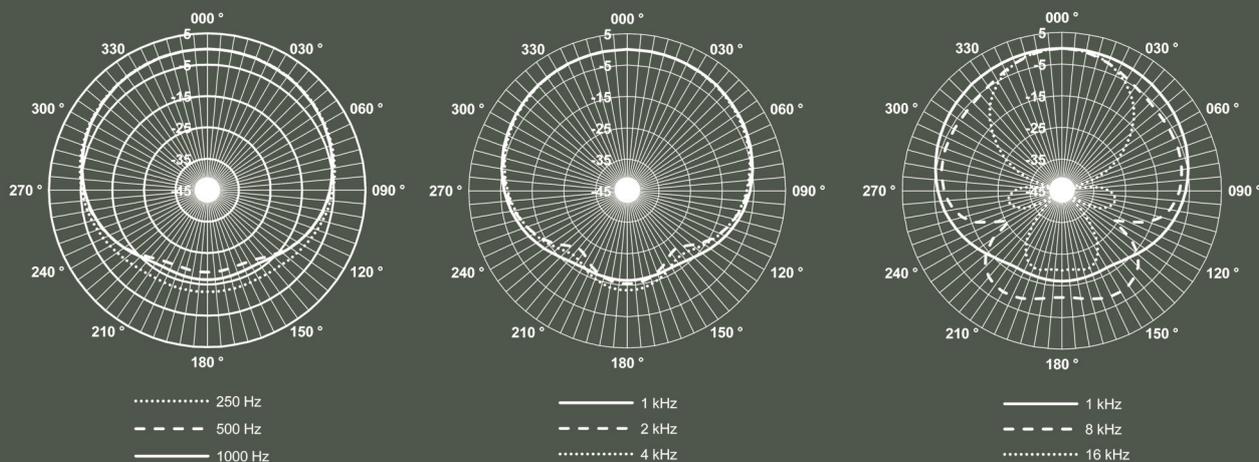
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## FREQUENCY CURVES

### Frequency response



### Polar pattern



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## TECHNICAL DATA

### Technical data

Polar pattern		cardioid
Acoustical operating principle		Pressure gradient transducer
Frequency range		20 ... 20000 Hz
Sensitivity at 1 kHz		17 mV/Pa
Rated impedance		200 $\Omega$
Equivalent loudness level due to inherent noise	CCIR 468-4	24 dB
	DIN EN 60268-4	16 dB-A
Signal-to-noise ratio (re 1 Pa at 1 kHz)	CCIR-weighted	70 dB
	A-weighted	78 dB-A
Max. SPL for THD $\leq$ 0,5 % ( $R_L = 1$ k $\Omega$ )		115 dB
Dynamic range of the microphone amplifier		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 microphone CMV 563 / M7S		540 g
Weight complete set in aluminium suitcase		6200 g
Dimensions CMV 563 / M7S ( L x $\varnothing$ )		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  
In aluminium suitcase 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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