

# 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, elastic suspension EA 92 and G/B adaptor for the use of vintage bayonet M 7, M 8, M 9 capsules.



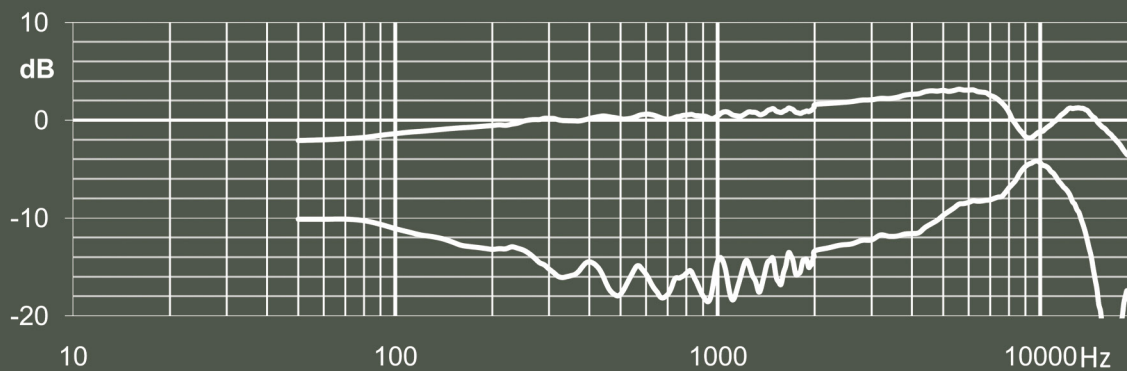
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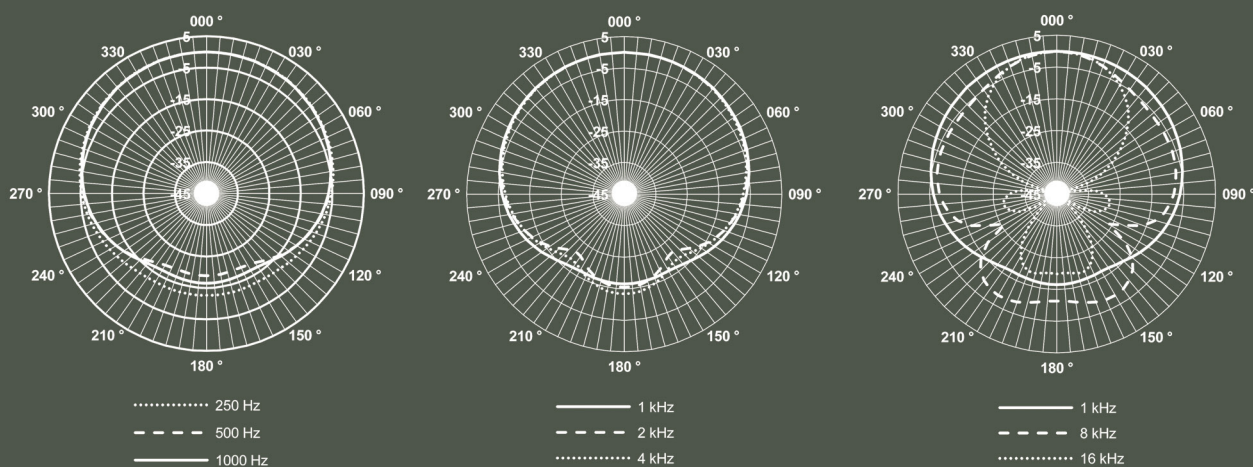


## FREQUENCY CURVES

### 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 % ( $R_L = 1 \text{ k}\Omega$ )	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	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 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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