<u>The Vintage Line</u>



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 operting 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.

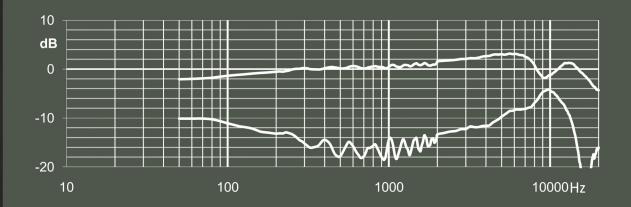


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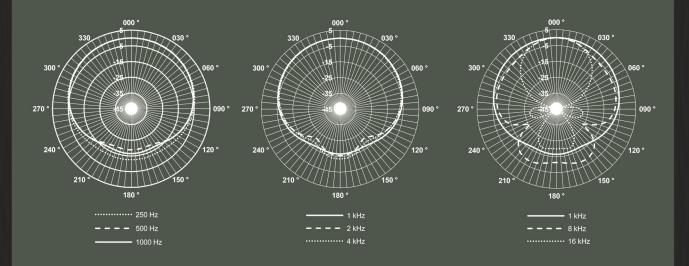


FREQUENCY CURVES

Frequency response



Polar pattern



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TECHNICAL DATA

Technical data

Polar pattern Cardiold Acoustical operating principle Pressure 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 DIN EN 60268-4 16 dB-A Signal-to-noise ratio CCIR-weighted 70 dB (re 1 Pa at 1 kHz) A-weighted 78 dB-A Max. SPL for THD \leq 0,5 % (R _L = 1 k Ω) 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 T-pin Tuchel Output connector power supply 3-pin XLR connector Weight 540 g Dimensions (L x \emptyset) 216 mm x 42 mm				
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Polar pattern		cardioid	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Acoustical operating principle		Pressure gradient transducer	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Frequency range		20 20000 Hz	
Equivalent loudness level due to inherent noise DIN EN 60268-4 16 dB-A Signal-to-noise ratio (CCIR-weighted 70 dB) (re 1 Pa at 1 kHz) 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 T-pin Tuchel Output connector power supply 3-pin XLR connector Weight	Sensitivity at 1 kHz		17 mV/Pa	
due to inherent noise DIN EN 60268-4 16 dB-A Signal-to-noise ratio (re 1 Pa at 1 kHz) A-weighted 78 dB-A Max. SPL for THD ≤ 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 T-pin Tuchel Output connector power supply 3-pin XLR connector Weight	Rated impedance		200 Ω	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Equivalent loudness level	CCIR 468-4	24 dB	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	due to inherent noise	DIN EN 60268-4	16 dB-A	
Max. SPL for THD \leq 0,5 % (R_L = 1 k Ω)115 dBDynamic range of the microphone amplifier99 dBDC power supply120 V -Anode current1 mA -Heater voltage5,8 V -Heater current200 mA-Vacuum tubeEF 86Output connector microphone7-pin TuchelOutput connector power supply3-pin XLR connectorWeight540 g	Signal-to-noise ratio	CCIR-weighted	70 dB	
Dynamic range of the microphone amplifier DC power supply Anode current Heater voltage Heater current Vacuum tube Output connector microphone Output connector power supply Weight 99 dB 120 V - 1 mA - 1 mA - 200 mA- 200 mA- EF 86 3-pin Tuchel 3-pin XLR connector	(re 1 Pa at 1 kHz)	A-weighted	78 dB-A	
DC power supply Anode current Heater voltage Heater current Vacuum tube Output connector microphone Output connector power supply Weight 120 V - 1 mA - 1 mA - 200 mA- 200 mA- EF 86 3-pin Tuchel 3-pin XLR connector	Max. SPL for THD \leq 0,5 % (R ₁ = 1 k Ω)		115 dB	
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	Dynamic range of the microphone amplifier		99 dB	
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 5,8 V -	DC power supply		120 V -	
Heater current Vacuum tube EF 86 Output connector microphone Output connector power supply Weight 200 mA- EF 86 7-pin Tuchel 3-pin XLR connector 540 g	Anode current		1 mA -	
Vacuum tubeEF 86Output connector microphone7-pin TuchelOutput connector power supply3-pin XLR connectorWeight540 g	Heater voltage		5,8 V -	
Output connector microphone 7-pin Tuchel Output connector power supply 3-pin XLR connector Weight 540 g	Heater current		200 mA-	
Output connector power supply 3-pin XLR connector Weight 540 g	Vacuum tube		EF 86	
Weight 540 g	Output connector microphone		7-pin Tuchel	
	Output connector power supply		3-pin XLR connector	
Dimensions (L x Ø) 216 mm x 42 mm	Weight		540 g	
	Dimensions (LxØ)		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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