

WSF101.70G

10" ELECTRIC GUITAR SPEAKER

Offering the classic attack of a modern 10" guitar speaker, WSF101.70G commands with a balanced low-end, warm mids, harmonically rich highs and appealing dynamics for its size.

60 W

1.8" VC

98 dB

100-6000 Hz

GENERAL SPECIFICATIONS

Nominal diameter	mm (in.)	250 (10)
Nominal impedance	Ω	8
Minimum impedance	Ω	7,4
Program power (1)	W	120
AES Power rating (2)	W	60
Sensitivity (3)	dB	98
Frequency range	Hz	100 ÷ 6000
Voice coil diameter	mm (in.)	45 (1.8)
Chassis material	Steel	
Magnet material	Ferrite	
Magnet dimensions	mm (in.)	134 x 60 x 15 (5.28 x 2.36 x 0.59)
OD x ID x h		
Cone material	Copper	
Former material	Polymide	
Cone material	Water Proof Treated Paper	
Surround material	Paper	
Xmax (4)	mm (in.)	2,7 (0.11)
Xmech (5)	mm (in.)	5,2 (0.2)
Gap height	mm (in.)	6 (0.24)
Voice coil winding height	mm (in.)	8,4 (0.33)
Driver displacement volume	l (ft ³)	1,15 (0.04)
Recommended enclosure	l (ft ³)	As Required
Recommended tuning	Hz	Sealed or Open Back

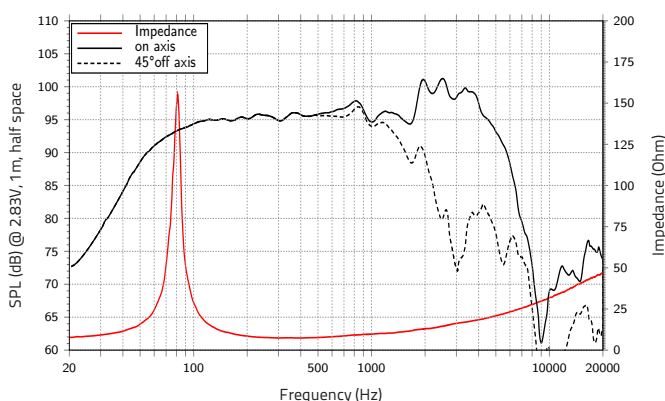
SMALL SIGNAL PARAMETERS

DC resistance	Re	Ohm	7,5
Resonance frequency	Fs	Hz	78
Moving mass	Mms	g (oz)	20,7 (0.73)
Compliance	Cms	mm/N	0,2
Force factor	BxL	N/A	11,9
Mechanical Q-factor	Qms		11,4
Electrical Q-factor	Qes		0,53
Total Q-factor	Qts		0,5
Equivalent air volume	Vas	l (ft ³)	36 (1.3)
Voice coil Inductance	Le	mH	0,51
Diaphragm area	Sd	cm ² (in. ²)	356 (55.18)
Reference efficiency	Eta 0	%	3,09
Efficiency bandwidth product	EBP	Hz	147

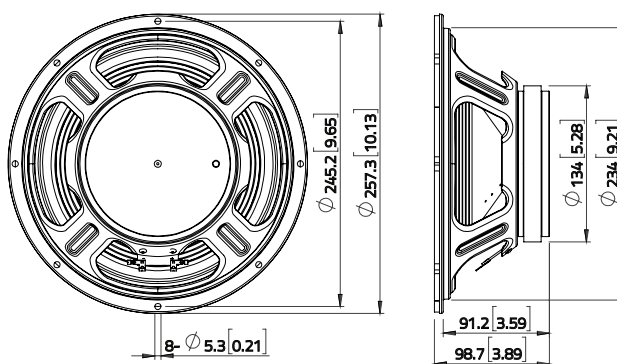
SHIPPING INFORMATION

Net weight	kg (lb.)	2,4 (5.3)
Multipack size (1)	mm (in.)	300 x 300 x 126 (11.8 x 11.8 x 5)
Multipack weight	kg (lb.)	3,2 (7)

FREQUENCY RESPONSE AND IMPEDANCE



DIMENSIONS mm (in.)



(1) Program power is defined as 3 dB greater than AES Power. (2) Tested for two hours using a continuous, band-limited pink noise signal as per AES 2-1984 Rev. 2003. Loudspeaker tested in free air. (3) From T/S parameters, measured with Klippel DA LPM module. (4) The Xmax is calculated as: $(H_{vc} - H_g)/2 + H_g/4$. Hvc is the voice coil height and Hg the gap height. (5) The Xmech is calculated as: $(H_{vc} - H_g)/2 + (H_g - 2)$. Hvc is the voice coil height and Hg the gap height. (6) Thiele-Small parameters are measured after preconditioning: a) at 20°C- 22°C, 50% humidity for 2 hours; b) by Klippel LSI measurement.

All specifications subject to change without notice_E.a