

Turtle-KRM33

Low-profile variable coverage speaker



DESCRIPTION

The Turtle-KRM33 (the KRM33P is the passive model) is an ultra-compact and low-profile powered wedge speaker with a controlled horizontal pattern and an extended frequency response. It is made up of three 3.15" cone drivers and one 6" passive radiator. This combination guarantees a controlled and linear emission from 70Hz to 18KHz. The KRM33 is equipped with a two-channel amplifier and a DSP that can be used to adjust the EQ directly inside the box. An

USB direct connection guarantees an easy plug & play connection. The DSP also offers the possibility of changing the horizontal pattern of the single speaker and its bass response, two buttons located at the back of the box are used to quickly change these settings without the need of a computer. The controlled horizontal dispersion gives the possibility of creating horizontal arrays which increase the SPL and the coverage while maintaining a high and constant

signal-beforefeedback within all the cluster's beams. The stainless steel chassis is a sturdy and durable box solution which is also remarkably short in height. Thanks to this feature the KRM33 can be easily and discreetly integrated in scenography designs, broadcast studios as well as under-balcony speakers in theaters. All the components of the KRM33 are designed by the K-array R&D department and made in Italy under the K-array quality control system.

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SUGGESTED ACCESSORIES

K-R3WALL1

FEATURES



Visually Discreete



Selectable Coverage

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CINEMAS

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LARGE CONGREGATIONS

TECHNICAL SPECIFICATIONS

ACOUSTICS		AMPLIFIER	
Power handling	180W ^(AES)	Type	1 module class D - DSP controlled
Frequency range	70 Hz - 18 KHz +/- 3dB ⁽¹⁾ / 100 Hz - 18 KHz +/- 3dB ⁽²⁾	Nominal power output	2 X 125 W @ 4 Ω 1% THD + NOISE
SPL 1W/1mt	93 db	Protection	Dynamic limiter - Over current - Short circuit
Maximum SPL	115dB (cont) - 121dB (peak)	Frequency response	20 Hz - 20 KHz, all load +/- 0.5 dB
COVERAGE		Damping factor 8Ω, 100Hz	> 500
Horizontal	DSP controlled (30° / 70° selectable)	THD+N 1KHz, 1 W	0.003%
Vertical	90°	AC POWER	
CROSSOVER		Nominal voltage	115 / 230 Vac auto switching
Type	DSP controlled	Operating range	85 - 132 Vac 170 - 264 Vac 50 - 60 Hz
Frequency	70 Hz minimum (preset dependent)	I. Nom	2 A / 115 Vac 1 A / 230 Vac
TRANSDUCERS		CONSUMPTION	
Type	3 X 3,15" Neodymium cone driver with 1" voice coil	Quiescent power (with no signal in)	10 W
Type	1 X 6" passive radiator	1/8 rated power (pink noise) @ 4 Ω	110 W
SELECTION SWITCH		Peak power	660 W / 120 ms
Horizontal pattern	Spot - Flood	CERTIFICATION	
Response	Bass Enhancer	IP	40
AUDIO INPUT		PHYSICAL OVERVIEW	
Analog connector	1 male + 1 female 3-pin balanced XLR	Dimensions	26.6 x 10.3 x 30.0 cm (10.47" x 4.05" x 11.81") ⁽³⁾
REMOTE CONTROL INPUT		Weight	5.2 Kg (11.46 lb)
Connector	1 USB type B		
POWER INPUT			
Connector	2 x PowerCon IN/OUT		

1. Maximum RMS applicable power for a musical signal. The reference signal is the one proposed by EIAJ standard
2. Measured with musical signal
3. (W x H x D)

New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from w those presented in this catalogue.

