

KT2 - KT2C

2" point source multipurpose loudspeaker



FEATURES

- High performance-to-size ratio
- Single 2" long excursion full range driver
- Wide-range frequency response
- Integrated 4-pin Phoenix connector
- Variable impedance (8/32 Ω)
- Available also in a 70V version
- Compact aluminium ultra strong chassis
- Weather proof, suitable for outdoor installations - IP54

COLORS AVAILABLE

BLACK



WHITE



SPECIFIC RAL CODE FOR A CUSTOMIZED PAINTED MODEL



ACCESSORIES

KA1-T2H, K-AL15, K-AL66, K-AL75, K-AL120, K-AL240, K-CTRL, KA-FRAME, K-RGBDMX, K-RGREM



DESCRIPTION

The Tornado series is a miniature sound source designed for high-quality distributed systems. Housed in a compact aluminum enclosure, the Tornado is suitable for space sensitive and architectural design installations.

The Tornado is a turnkey loudspeaker solution: designed as passive speakers that can be easily converted into self-powered devices by inserting the KA1-T2 12V/24V amplifier module. Tornadoes have a proprietary 2" high-efficiency drive unit with a neodymium magnet structure and a suspension engineered for maximum linear excursion and minimum residual transducer interference. The cone transducer delivers an impressive maximum peak SPL of 107 dB, and has a wide operating frequency range from 150 Hz to 18 kHz with very low distortion.

With its ability to effortlessly reproduce both speech and music, it makes an excellent choice for fixed applications such as theatre, museum displays, restaurants, portable systems for corporate AV presentations, department stores, and in hidden locations such as chancel steps in houses of worship.

The KT2 and KT2W models come with a wall bracket for fixed installations or surface applications while the KT2C and KT2CW come with a ceiling brackets for ceiling mounts.

All Tornado components are designed by the K-array R&D department and custom made under the K-array quality control system.

Designed as passive speaker, the Tornadoes can be easily converted into a self-powered device by inserting the KA1-T2H 12V/24V amplifier module.

APPLICATIONS

Broadcast/ TV Studio

Club/ DJ Set

Corporate/AV

Hospitality

House of Worship

Large Congregations

Live Concerts

Store

Theatre

Theme Park

TECHNICAL SPECIFICATIONS

	KT2	KT2C
	ACOUSTICS	ACOUSTICS
Speaker power handling	18 W ^(AES)	18 W ^(AES)
Impedance	8Ω - 32Ω (settable) 70V version available upon request (KT2-HV)	8Ω - 32Ω (settable) 70V version available upon request (KT2C-HV)
Frequency range (-10 dB)	150 - 18 kHz ⁽¹⁾	150 - 18 kHz ⁽¹⁾
Maximum SPL	101 dB (cont.) - 107 dB (peak) ⁽²⁾	101 dB (cont.) - 107 dB (peak) ⁽²⁾
	COVERAGE	COVERAGE
Horizontal	90°	90°
Vertical	90°	90°
	CROSSOVER	CROSSOVER
Type	External crossover required	External crossover required
Frequency	150Hz 24dB/Oct minimum required	150Hz 24dB/Oct minimum required
	TRANSDUCERS	TRANSDUCERS
Full-range	2" Neodymium magnet Woofer with 2 voice coils of 0.8"	2" Neodymium magnet Woofer with 2 voice coils of 0.8"
Impedance	2 x 16 Ω	2 x 16 Ω
	POWER AUDIO INPUT	POWER AUDIO INPUT
Connectors	4-pin Phoenix connector	4-pin Phoenix connector
Wiring	VoiceCoil A=1+ 1- VoiceCoil B=2+ 2-	VoiceCoil A=1+ 1- VoiceCoil B=2+ 2-
	CERTIFICATION	CERTIFICATION
IP	54	54
	PHYSICAL	PHYSICAL
Dimensions	110 mm x 75 mm x 70 mm (4.33" x 2.95" x 2.76 ")	110 mm x 75 mm x 70 mm (4.33" x 2.95" x 2.76 ")
Weight	0.56 Kg (1.23 lb)	0.61 Kg (1.34 lb)

Notes for data

1. With Dedicated preset

2. Measured with musical signal

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

