

KT20c - KT22c

2" point source compact speaker



DATASHEET

Features:

- Unique performance-to-size ratio
- Single 2" long excursion full range driver
- Wide-range frequency response
- High speech intelligibility and high dynamic range for music applications
- Integrated Speakon connector (option) for mobile or installed application
- Full Aluminum ultra strong frame
- Available in Black or Aluminum
- Integrated connection points for accessories
- Only 350g of weight

Applications:

- High-quality distributed systems for paging and music
- Exhibit audio for museum displays
- Space-sensitive fill for theatres



K-array Tornado KT20 miniature sound source is a passive loudspeaker designed for high-quality distributed systems. Housed in a compact aluminum enclosure, the KT20 is especially suitable for installations involving space limitations and visibility concerns.

The KT20 has flexible and easy-to-configure mounting options.

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 applications are endless.

The KT20 has 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 107dB, and has a wide operating frequency range from 150 Hz to 18 kHz with very low distortion.

All the components are designed in-house at our Florence based R&D department. They are custom manufactured to our exacting standards and quality control.

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Acoustics

Speaker power handling	18 W ^(AES)
Max power	30 W ¹
Impedance	8 Ω (KT20) - 32 Ω (KT22)
Frequency range	150 HZ - 18 KHz +/- 3dB
SPL 1W/1mt	87 dB ²
Maximum SPL	101 dB continuous - 107 dB peak

Coverage

Horizontal	90°
Vertical	90°

Crossover

Type	External cross over required
Frequency	150Hz 24dB/oct minimum suggested

Transducers

Full-range	2" Neodymium cone driver with 0.75" voice coil
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Audio Input

Connector	2-pin Phoenix connector
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Selection Switch

Channel	-
Vertical dispersion	-

Recommended Amplifiers

for KT20/KT20C	KA1-1, KA3-3, KA7, KA7-7, KA10, KA10-10 for up to 2 units each channel, with dedicated preset
for KT22/KT22C	KA3-3, KA7, KA7-7, KA10, KA10-10 for up to 8 units each channel, with dedicated preset

Physical

Dimensions	8.5 cm dia x 9.6 cm deep (3.35" dia x 3.78" deep)
Weight	0.40 Kg (0.88 lbs)

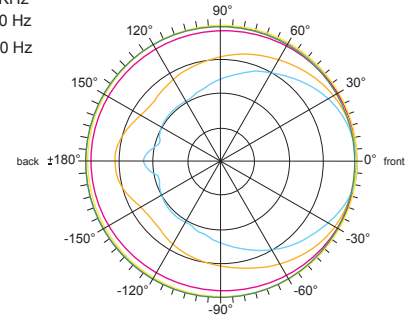
Notes for data

1. Maximum RMS applicable power for a musical signal, the reference signal is the one proposed by EIAJ standard.
2. Measured @4 mt then scaled @1 mt

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

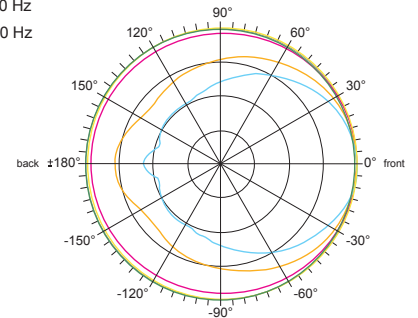
DISPERSION GRAPHS

- 8 KHz
- 4 KHz
- 1 KHz
- 500 Hz
- 250 Hz



horizontal

- 8 KHz
- 4 KHz
- 1 KHz
- 500 Hz
- 250 Hz



vertical