KOBRA KT20

- 2" point source compact speaker

Features:

- Unique performance-to-size ratio
- Single 2" long excursion full-range driver
- Wide-range frequency response
- High speech intellegibility and high dynamic range for music applications.
- Integrated speakon for mobile or installed application
- Full aluminium ultra strong frame
- Available in black or aluminum
- Integrated connection points for accessories
- Only 320g of weight

Applications:

- Background music systems in restaurants and clubs
- High-quality distributed systems for paging and musicl
- 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, such as fill and spot coverage, and hidden locations like chancel steps in a house of worship. Its flexible and easy-to-configure mounting options, as well as its ability to effortlessly reproduce both speech and music, make it an excellent choice for fixed applications, theatrical presentations (stage lip frontfill), and small portable systems for corporate AV solutions.

The KT20 proprietary 2" 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.

Technical Details

Acoustics	
Power handling	10 W[1]
Max power	30 W[2]
Impedance	8 Ω
Operating frequency range	200 Hz - 19 KHz +/- 3dB (preset relating)[3]
Frequency range	150 HZ - 20 KHz +/- 3dB (preset relating)[4]
SPL 1W/1mt	87 dB [5]
Maximum SPL	101 dB continuos - 107 dB peak[6]
Coverage	
Horizontal	90°(single unit) - array dependent
Vertical	90°(single unit) - array dependent
Cross over	
Type	External crossover required
Frequency	150Hz 24dB/oct minimum suggested
Transducers	
Full-range	2" neodymium magnet 0.75" VC long-excursion speakers
Power Audio Input	
Connectors	Speakon (1+ 1-)
Selection Switches	
Impedance	8 Ohm
Recommended Amplifiers	
Single ended mode	KA10 & KA10-10 to drive till 2 units each channel
Physical	
Measures	6.4 cm dia x 9.3 deep
Weight	0.35 Kg

Notes for data

1. Power handling is measured following AES standard conditions: transducers driven continuously for two hours with a band-limited noise signal having 6 dB of crest factor.
2. Max power is the maximum RMS applicable power for a musical signal, the referement signal is the one proposed by EIAJ standard.
3. Recommended maximum operating frequency range. Response depends on loading conditions and room acoustics.
4. Free field measured with 1/3 octave frequency resolution at 2 mt.
5. Measured@4 mt then scaled@1 mt.
6. Measured with audio source @1 mt.
7. This is the frequency in which the transducers produce the same sound pressure level (measured@2 mt).
8. Amplifier wattage rating is based on the maximum unclipped burst sine wave RMS voltage that the amplifier will produce into the nominal load impedance .

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