

L12P110K

MID-BASS

DESCRIPTION

Very high efficiency and low distortion are special features of this mid-bass transducers. Special treatment are applied to cone surface and surround for optimum dampening.



FEATURES

- 4-inch, fiberglass inside/outside copper voice coil
- 1000W continuous program power handling
- 101 dB Sensitivity
- 60 Hz - 2 kHz Frequency range
- M-roll damped surround
- Corrugated straight damped cone

TECHNICAL SPECIFICATIONS

General specifications

| | |
|-------------------------------|---------------------|
| Nominal Diameter: | 12 inch / 305 mm |
| Rated Impedance: | 8 ohm |
| Program Power (watt): | 1000 W |
| Power handling capacity: | 500 W |
| Sensitivity: | 101 dB |
| Frequency range: | 60 - 2000 Hz |
| Effective piston diameter: | 260 mm / 10.24 inch |
| Max. Excursion Before Damage: | 48 mm / 1.89 inch |
| Minimum Impedance (ohm): | 7 ohm |
| Voice Coil Diameter: | 4.0 inch / 102 mm |
| Voice Coil Winding Material: | Copper |
| Voice Coil Length: | 11 mm / 0.43 inch |
| Number of layers: | 2 |
| Kind of layers: | inside/outside |
| Top Plate Thickness: | 9 mm / 0.35 inch |
| Cone Design: | Curved |
| Surround Material: | Polycotton |
| Surround Design: | M-roll |
| Magnets: | Ceramic |
| Spider: | Single |

Thiele - small parameters

| | |
|--------------------------------------|---------------------|
| Resonance frequency (Fs): | 44 Hz |
| DC resistance (Re) (ohm): | 5.60 ohm |
| Mechanical factor: | 4.30 Qms |
| Electrical factor: | 0.14 Qes |
| Total factor: | 0.13 Qts |
| Bl factor (Bl) (T x m): | 25.00 T x m |
| Effective moving mass (Mms): | 55 gr |
| Equivalent Cas air loaded (Vas): | 98 liters |
| Effective piston area (Sd): | 0.05 m ² |
| Max. linear excursion (Xmax): | 3 mm |
| Voice coil inductance @ 1kHz (Le1k): | 1.00 mH |
| Half-space efficiency (Eff): | 5.75% |

Mounting informations

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|--------------------------------|-----------------------------------|
| Overall diameter: | 312 mm / 12.28 inches |
| Bolt circle diameter: | 293-296 mm / 11.54-11.65 inch |
| Bolt hole diameter: | 7 mm / 0.28 inch |
| Front mount baffle cut-out: | 285 mm / 11.22 inch |
| Rear mount baffle cut-out: | 283 mm / 11.14 inch |
| Volume occupied by the driver: | 2.8 liters / 0.11 ft ³ |

Standard compliance

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|-------------|-----|
| CE marking: | Yes |
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Physical specifications

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|--------|-------|
| Color: | Black |
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Size

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|-----------|-----------------------|
| Height: | 115 mm / 4.53 inches |
| Diameter: | 312 mm / 12.28 inches |
| Weight: | 10.45 kg / 23.04 lbs |

Shipping informations

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|-----------------|-----------------------|
| Package Height: | 180 mm / 7.09 inches |
| Package Width: | 360 mm / 14.17 inches |
| Package Depth: | 355 mm / 13.98 inches |
| Package Weight: | 11.4 kg / 25.13 lbs |

PART NUMBER**• 11146001**

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8ohm



