

Welcome to use EKS-101, the built-in 2 way full range speaker which adopts plane wave guide technology for overlapping phase delay transmission and the converted sound wave phase, high sensitivity, clear and charming tone, wide and natural range to suit for multifunction hall, conference hall, bar, KTV.

Please read the user manual for better operation and keep it for reference in future.

■ Features

- EKS-101 consists of one 10 inch cone woofer and one 36 mm tweeter. The tweeter uses PEEK diaphragm and CCA voice coil. The woofer uses refractory glass fiber bobbin and 50mm CCA winding voice coil for high efficiency and reliable performance, and symmetric magnet to reduce second harmonic distortion. The crossover components use extremely low consumption OFC inductor and high quality polyethylene capacitor to reduce the sound quality loss.
- Refractory Peek diaphragm is durable and anti-erosive and keeps excellent mechanical performance in 250°C during long time operation.
- 15mm MDF trapezoidal enclosure eliminates standing wave inside, black painting finish for anti-moisture, handle for easy transportation, Al socket for pole mounting, multiple flying points for flexible applications.

■ Application

Multi-function hall, conference hall, bar or KTV

■ Product Content

EKS-101 speaker cabinet
User manual

■ Specification

- Rated power: 500W(AES)
- Impedance: 8Ω
- Frequency response: 60Hz-19kHz (± 3 dB)
- Sensitivity: 95dB
- Coverage: H100° × V 55°
- Max SPL: 120dB
- Crossover mode: 2 way passive
- Crossover frequency: 2300Hz
- Suspension/installation: multiple flying points/pole mounting(adjustable angle)
- Connection: 1 × NL4 speaker connector, connect 1+, 1- for operation
- Cabinet: 15mm MDF
- Finish: black painting
- HF: 1.4" × 1 (36mm, 26mm throat) 90 magnet
- LF: 10" × 1 (50mm), 145 magnet
- Dimension (mm): 320 × 320 × 520 (W × D × H)

Note: the above data is obtained from the test of Takstar laboratory, and has the final interpretation right!

■ Caution

1. Used with TAKSTAR EKA-3A power amplifier together.
2. Ensure to match the power and impedance of power amplifier and speaker cabinet. The unbalanced configuration leads to equipment damage or bad sound effect.
3. Do not put objects on the cabinet due to the severe vibration amplitude of the speaker cabinet.
4. Ask professional technician for reliable installation in a place hard to touch.
5. Handle with care during transportation to avoid speaker cabinet Damage.

■ Safety instruction

In order to avoid possible personal injury or property damage caused by electric shock, high temperature, fire, radiation, explosion, mechanical hazards and improper use, please read and observe the following items carefully before using the product.

1. When using the product, please confirm whether the power of the connected device matches the power of the product, and adjust the volume of the device. Do not use it for a long time when the power of the product is exceeded or at a high volume to avoid product failure and hearing damage.
2. If there is any abnormality (such as smoke, odor, etc.) during use, please turn off the power switch and unplug the power plug immediately, and then send the product to the dealer for maintenance.
3. The product and accessories should be placed indoors in a dry and ventilated place. Do not store them in a humid and dusty environment for a long time. Avoid getting close to fire, rain, water, excessive collision, throwing, vibrating the machine and covering the ventilation holes during use, so as not to damage its function.
4. If the product needs to be fixed on the wall or ceiling, please make sure to fix it in place to prevent it from falling down.
5. When using the product, you must abide by the relevant safety regulations. Please do not use the product in the occasions that are clearly prohibited by laws and regulations to avoid accidents.
6. Please do not disassemble, refit or repair the product by yourself to prevent personal injury. If you have any questions or service needs, please contact the local dealer for follow-up.