

Welcome to use EKT-101 karaoke speaker cabinet. This product is a high-quality 10-inch karaoke speaker cabinet designed and developed for KTV and home karaoke audio system. It features outstanding midrange, articulate, gentle and full bass, and flat and delicate treble. When used with our tailor-made microphone and karaoke amplifier products, it makes the sing easier and music performance better. When the speaker is installed and used in the room, the sound field has strong envelopment. The cabinet volume by the accurate calculation of the speaker's electrical parameters, coupled with the scientific debugging of the vent tube, acoustic foam, and crossover, makes the speaker also perform well in low frequency with powerful and deep bass.

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

■ Features

- EKT-101 is a two-way karaoke speaker with the selected cone of good damping and rigidity to reduce distortion. The surround is made of imported sponge for strong elasticity and fatigue resistance. The voice coil adopts six-layer winding, which is characterized by high inductive impedance and is beneficial to extend the low frequency limit to produce articulate and gentle bass. The three-magnet structure enhances the magnetic field induction intensity of the magnetic circuit and reduces the nonlinear distortion of the voice coil under high dynamic range.
- The tweeter features a three-inch cone with flat frequency response and high fidelity of human voice and music performance. It adopts a heat-resistant voice coil, making this tweeter sound delicate and able to withstand high music power for a long time. The auditory system is more sensitive to MF and if it is not adjusted properly, auditory fatigue and irritability are easy to occur. Therefore, combining the physiological and auditory characteristics of the human ear, the MF & HF are appropriately modified on the crossover element. The midrange is accurate and transparent, and the treble is delicate, bright but not dry, so that the speaker has relatively satisfactory sound effect when people sing at loud pressure in a KTV room and there will be no burrs, so as to prevent users from hearing fatigue due to long-term listening.

■ Specification

- Rated Power: 320W (AES)
- Rated Impedance: 8Ω
- Frequency Response: 35Hz-18KHz (± 3 dB)
- Sensitivity: 93dB
- Covering Angle: H150°×V50°
- SPL: 115dB
- Crossover: passive, two-way
- Crossover Frequency: 1600Hz
- Installation: horizontal flying
- Wiring Method: push-type terminal
- Enclosure: 15mm MDF
- Finish: PVC
- HF: 3"×2 (13mm voice coil), 55mm magnet
- LF: 10"×1 (35mm voice coil), 120mm+110mm double magnet
- Dimensions (mm): 500×240×305 (W×D×H)

Note: The data is tested by Takstar Laboratory and Takstar has the final interpretation right!

■ Application

KTV, home karaoke

■ Product Content

EKT-101 speaker cabinet
User manual

■ Caution

1. Make sure that the power and impedance of the power amplifier are matched with those of the speaker. Unbalanced matching can cause damage to the equipment.
2. The speaker is suspended horizontally and adjusted to face the audience area.
3. The installation of the speaker should be carried out by engineering professionals. It should be firmly fixed and installed in a location that is not easy to access.
4. When transporting the speaker, please handle it carefully to protect it from 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.