Welcome to use EKT-081 karaoke speaker cabinet. This product is a high-quality karaoke speaker cabinet designed and developed for KTV and home karaoke audio system. It features outstanding human voice via microphone, easy singing, and high-quality sound effects in music performance. There is smooth transition among bass, midrange and treble. The cabinet volume, coupled with the debugging of the vent tube and acoustic foam, 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

- The cone used in the woofer has good damping and rigidity to ensure that the speaker will not cause distortion when working in different frequencies. The surround is made of imported sponge with strong corrosion resistance and has strong elasticity, thus making the speaker able to withstand greater amplitude and dynamic range.
- Generally speaking, people's auditory system is more sensitive to MF & HF. If the debugging of the MF is not correct, it is easy to cause auditory fatigue and irritability. Therefore, the tweeter features a three-inch cone with flat frequency response and high fidelity of human voice and music performance in MF & HF. A heat-resistant voice coil makes this tweeter sound delicate and able to withstand high music power for a long time. Combining the physiological and auditory characteristics of the human ear, the MF is appropriately modified on the crossover element to make sure that the midrange is accurate and transparent, and the treble is delicate, bright but not dry. Thus, 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: 240W (AES)
- Rated Impedance: 8Ω
- Frequency Response: 40Hz-18KHz (±3dB)
- Sensitivity: 92dB
- Covering Angle: H100°×V50°
- SPL: 111dB
- Crossover: passive, two-way
- Crossover Frequency: 1900Hz
- Installation: horizontal flying
- Wiring Method: push-type terminal
- Enclosure: 15mm MDF
- Finish: black veneer
- HF: 3″×2 (13mm voice coil), 55mm magnet
- LF: 8″×1 (35mm voice coil), 100mm+100mm double magnet
- Dimensions (mm): 445×205×280 (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-081 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,

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