



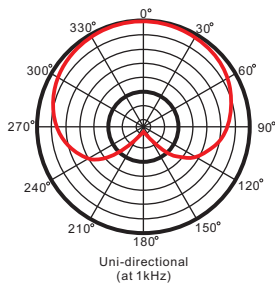
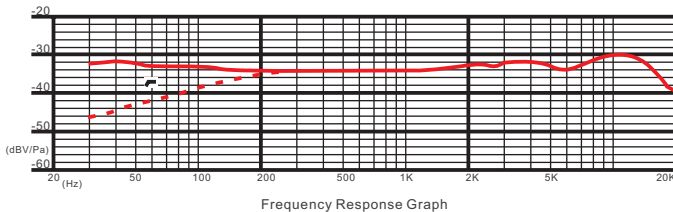
SM-7B专业录音电容麦克风内部采用贴片工艺及精密控制电路和大振动纯金镀膜音头；具有灵敏度高，频率响应宽，失真小，动态大，噪音低等特点。

SM-7B广泛适用于广播、电视制作及录音棚、舞台演出等专业场合。

技术参数

- 单体：纯金镀膜电容传声器
- 指向性：单指向
- 频率响应：20Hz-20kHz
- 灵敏度： $-37\text{dB} \pm 2\text{dB}$ ($0\text{dB}=1\text{V}/\text{Pa}$ at 1kHz)
- 等效噪声级： $\leq 22\text{dB A}$
- 最大声压级：130dB (T.H.D $\leq 1\%$ at 1kHz)
140dB (衰减-10dB)
- 输出阻抗： $100\Omega \pm 30\%$ (at 1kHz)
- 低频衰减：100Hz 10dB/倍频
- 使用电压：48V幻象电源

频率响应曲线图



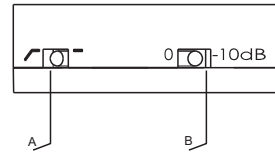
连接线的安装与拆卸

1. 把卡侬(XLR)插头插入麦克风，旋转插头使上面的扣键与麦克风上的槽口对准，然后将插头推入麦克风，直至扣键定位。
2. 麦克风与连接线分开时，可握住插头，同时按压扣键，然后将插头从麦克风拉出。

连接幻像电源



开关的使用



- A. 低频衰减：当开关处于“-”位置时，为无衰减状态，当开关处于“┌”位置时，可均衡近距离拾音时的低频提升效应和降低风声、舞台地板振动声等。
- B. 当开关处于“0”位置时，为无衰减状态，当开关处于“-10dB”时，可使灵敏度衰减-10dB，一般在高声压级大动态拾音场合使用此功能（如交响乐队的低频鼓、小号等乐器的拾音）。

使用说明

1. 使用时，应先将扩音器或调音台音量控制调小，然后将幻象电源与麦克风连接好，再打开幻象电源的电源开关，并将音量从小到大慢慢调节至合适，以免喇叭受到冲击。
2. 用手罩住麦克风头部，或使麦克风接近扬声器，可能产生啸叫声，遇此情形时，首先降低音量，拉开同扬声器的距离，尽量使麦克风不同扬声器相对。
3. 麦克风灵敏度高，必须注意不要从高处落下或给予强烈冲击。
4. 麦克风不使用时应存放在干燥清洁的地方，避免在温度、湿度过高的场所保管或使用，以免影响灵敏度和音色。

包装选配

- 麦克风一支
- 防风绵一个
- 防震架一个
- 幻象电源一个
- 连接线一条
- 电源适配器

※ 本产品相关规格及配置如有变更,恕不另行通知。
 ※ 如需服务和配件方面的信息，请就近和得胜代理商联系，或请访问得胜网站www.takstar.com



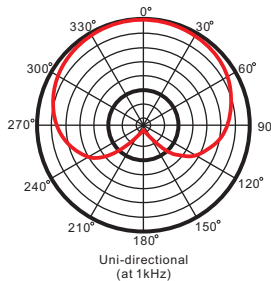
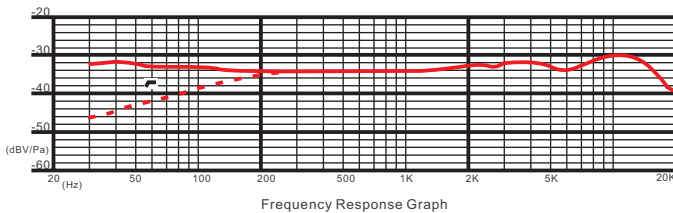
TAKSTAR SM-7B is a professional condenser microphone for recording which adopts advanced SMT, precision control circuit with Pressure Gradient Transducer cartridge and a large vapor-deposited gold diaphragm to achieve high sensitivity, extended frequency response, no crossover distortion and low self noise.

The Zinc-die casting housing is spray printed. Its standard XLR (F) connector matches all kinds of audio equipment. SM-7B is tailored for broadcasting, television studios, recording studios, stage performances, etc.

Specification

- Element: Pressure Gradient Transducer
- Polar Pattern: Uni-directional
- Frequency Response: 20Hz-20kHz
- Sensitivity: -37dB±2dB (0dB=1V/Pa at 1kHz)
- Output Impedance: 100Ω±30% (at 1kHz)
- Max. Input SPL: 130dB (at 1kHz≤1% T.H.D)
- S/N Ratio: 22dB
- Low Frequency Attenuation: 100Hz/oct 10dB
- Phantom Power Requirement: 48V DC

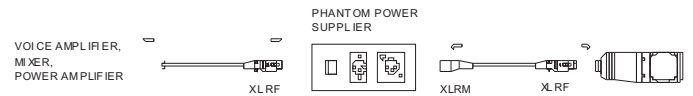
Frequency Response Graph



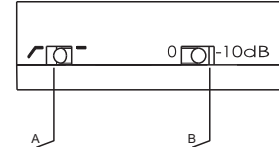
Connecting And Disconnecting The Microphone Cable

1. Insert the XLR connector into the microphone. If necessary, rotate the connector to align the key on the connector and the groove in the microphone. Push the connector into the microphone until it clicks.
2. To disconnect the cable and microphone, grasp the connector while depressing the tab. Pull the connector away from the microphone.

Operation



How To Use Switch



A. Low frequency attenuation:

- “-” no attenuation;
- “┌” it can balance the low frequency rising effect of short distance pickup and reduce the feedback as well as protect from howling;

B. Sensitivity attenuation:

- “0” no attenuation;
- “-10dB” it fixes the sensitivity on -10dB level, shortens the pickup distance, eliminates the noise: this function is usually used for high SPL and large dynamic pickup occasions (i.e. the pickup of low frequencies of small instruments of symphony orchestra).

Usage

1. Turn on your amplifier or mixing board and set the volume control to minimum position, To connect the phantom power to the microphone turning on the phantom switch, accommodate the volume control from low to high so obtained effect to your moderate level for protected the speaker from pounding.
2. If the head of the microphone is covered by hand or brought close to the speaker, a howling sound may be generated. To prevent this, first decrease the volume, then place the microphone so that it is not pointed to the speaker and that there is a sufficient distance between the microphone and speaker.
3. The sensitivity of cartridge is very fine, Don't do drop. Hit it or apply strong shock to it.
4. To maintain the sensitivity and quality of sound reproducing, avoid exposing it to moisture and extreme temperatures.

Product Contents

Microphone	1pc
Windscreen	1pc
Shock Mount	1pc
Phantom Power	1pc
Audio Connecting Cable	1pc
Power Adaptor	1pc

- ※ The related specification or deployment are subject to change without any prior notice.
- ※ For additional information about service or parts, please contact your local authorized Takstar Service Center or visit Takstar at www.takstar.com.