TAKSTAR®

专业录音电容麦克风

TAKSTAR CM-63是专为演播室、录音棚、广播电台、舞台演出等专业场合而设计的一款电容传声器。内置典型低噪音场效应管作前级阻抗转换,具有噪声小、性能稳定、环境适应能力强等特点；内置高保真OTL甲类前级放大器，具有优良的线性放大特性，失真小；低阻抗平衡输出，减少线路的传输损耗。带低频衰减开关，能有效降低舞台震动等环境噪声，补偿近距离拾音的频率均衡； 特设灵敏度衰减开关，可承受来自乐器的高声压级拾音。采用Ø22mm纯金镀膜电容音头，瞬态反映能力好，频率响应宽广，灵敏度高，能敏锐地拾取声音的各个频域；自主创新抗潮湿技术，传声器可在高湿度环境中工作。管体采用多重表面处理工艺，精致耐用。专业的音频特性及功能设计，是舞台演出和乐器录音的理想选择。

技术参数

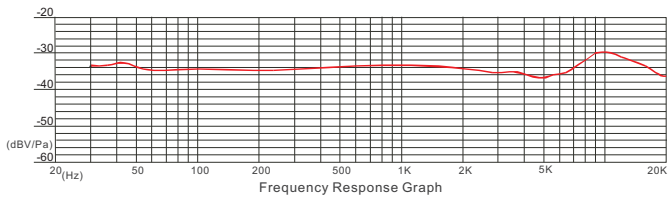
单体：纯金镀膜电容音头
拾音原理：压差原理
指向性：心型
频率响应：30Hz-20kHz
灵敏度：-35dB±2dB （0dB=1V/Pa at 1kHz）
等效噪音级：≤20dBA（IEC 581-5）
最大声压级:≥130dB（T.H.D≤1% at 1KHz）
≥140dB（with 10dB pad）
（T.H.D≤1% at 1KHz）
动态范围：110dB
低频衰减：10dB/octave 100Hz
输出阻抗：200Ω±30%（at 1kHz）
负载阻抗：≥1000Ω
供电方式：48V幻像电源

连接幻像电源

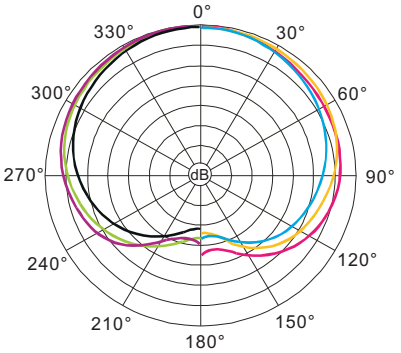
连接线的安装与拆卸

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。

频率响应曲线图



Frequency Response Graph



Cordioid

125Hz
500Hz
1000Hz
2000Hz
4000Hz
8000Hz

使用说明

1. 使用时，应先将扩音器或调音台音量控制调小，然后将幻像电源与麦克风连接好，再打开幻像电源的电源开关，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，拉开麦克风与扬声器之间的距离，尽量使麦克风不和扬声器相对。
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。

※ 本产品相关规格及参数如有变更，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

国内销售部
服务热线：400 6828 333
地址：广东省惠州市博罗县龙溪镇富康一路2号
网址：www.takstar.com
传真：0752-6383950
邮编：516121

TAKSTAR®

SMALL-DIAPHRAGM MICROPHONE

TAKSTAR CM-63 is a condenser microphone specially designed for TV studios, recording studios, broadcasting stations and on-stage performances. The built-in low noise FET it adopts is used as impedance converter for assuring low noise, steady performance and strong ability of acclimation. Its built-in OTL preamplifier features quality linear amplification, low distortion and low output impedance to minimize power wastage. The switchable bass filter can effectively eliminate ambient noise, and equalize the frequency due to close pickup. The switchable 10dB attenuation is equipped as well for handling high SPL. The Ø22mm gold-plated diaphragm capsule it adopts assures excellent transient response, wide frequency response, high sensitivity and the accurate reproduction of sound from different fields. With the innovative anti-humidity technology, the microphone is allowed to work under high humidity circumstances. The housing design is elegant and durable.

CM-63 is the optimal choice for studio performance and instrument recording.

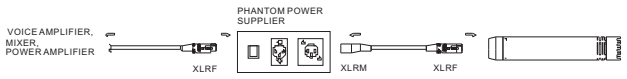
Specifications:

Element: Gold-plated Diaphragm Capsule
Transducer Principle: Pressure Gradient Transducer
Polar Pattern: Cardioid
Frequency Response:40Hz-20kHz
Sensitivity: -35dB±3dB (0dB=1V/Pa at 1kHz)
Equivalent Noise Level: ≤22dB A (IEC 581-5)
Max. Input SPL: ≥130dB (T.H.D≤1% at 1kHz)
≥140dB (with 10dB pad)
Dynamic Range: 110dB
Bass Filter: 10dB/octave at 100Hz
Output Impedance: 200Ω±30% (at 1kHz)
Load Impedance: ≥1000Ω
Power Requirements: 48V DC Phantom Power

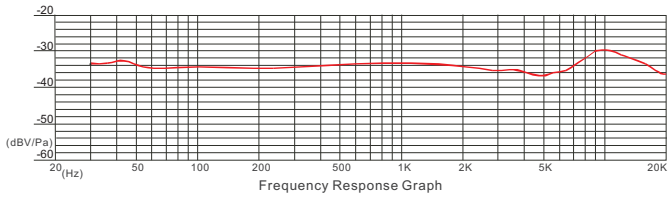
Connecting and Disconnecting the Microphone Cable:

1. Insert the XLR connector into the microphone, and rotate the connector to align the tab 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.

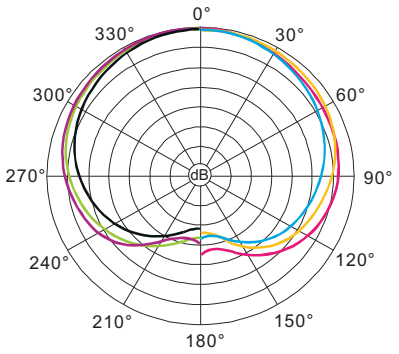
Operations:



Frequency Response Graph:



Frequency Response Graph



Cordioid

125Hz
500Hz
1000Hz
2000Hz
4000Hz
8000Hz

Usage:

1. Turn on the amplifier or mixing board and set the volume control to minimum position. Connect the phantom power to the microphone and turn on the phantom switch, then accommodate the volume control from low to high gradually to the moderate level for protecting the speaker.
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, and then place the microphone so that it is not pointed to the speaker and there is a sufficient distance between the microphone and speaker.
3. Due to the high sensitivity of the cartridge, do not drop it from high or apply strong shock to it.
4. To maintain the sensitivity and quality of sound reproduction, avoid exposing it to moisture and extreme temperatures.

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

International Sales Department
Address: No. 2 Fu Kang Yi Rd., Longxi Boluo Huizhou, Guangdong 516121 China
Tel: +86 752 6383951 Fax: +86 752 6383950 Website: www.takstar.com E-mail: sales@takstar.com