

HC600 HANDHELD VOCAL CONDENSER MIC

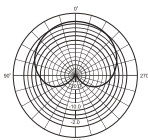
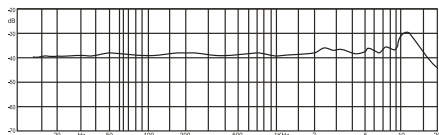
GENERAL INTRODUCTION

HC600 is a handheld vocal condenser microphone. The capsule is fully rubber enabling exceptionally low handling noise. Cardioids polar pattern improves isolation of desired sound source and a reduction of sound to the side and rear. It always transmits rich and detailed, precision and clarity tone. Metal mesh minimizes plosive that produce a sudden jet of air potentially. Zinc-alloy rugged construction and hardened metal mesh grill ensure trouble-free handling on stage and in the studio.

PROXIMITY EFFECT

APPLICATION	SUGGESTED MICROPHONE PLACEMENT	TONE QUALITY
Vocals	Lips less than 15 cm (6 in.) away or touching the windscreen, on axis to microphone.	Robust sound, emphasized bass, maximum isolation from other sources.
	15 to 60 cm (6 in. to 2 ft.) away from mouth, just above nose height.	Natural sound, reduced bass.
	20 to 60 cm (8 in. to 2 ft.) away from mouth, slightly off to one side.	Natural sound, reduced bass and minimal "s" sounds.
	90 cm to 1.8 m (3 to 6 ft.) Away.	Thinner, distant sound; noticeable levels of ambient noise.
Guitar & Bass Amplifiers	2.5 cm (1 in.) from speaker, on-axis with center of speaker cone.	Sharp attack; emphasized bass.
	2.5 cm (1 in.) from speaker, at edge of speaker cone.	Sharp attack; higher frequency sound.
	15 to 30 cm (6 to 12 in.) away from speaker and on-axis with speaker cone.	Medium attack; full, balanced sound.
	60 to 90 cm (2 to 3 ft.) back from speaker, on-axis with speaker cone.	Softer attack; reduced bass.

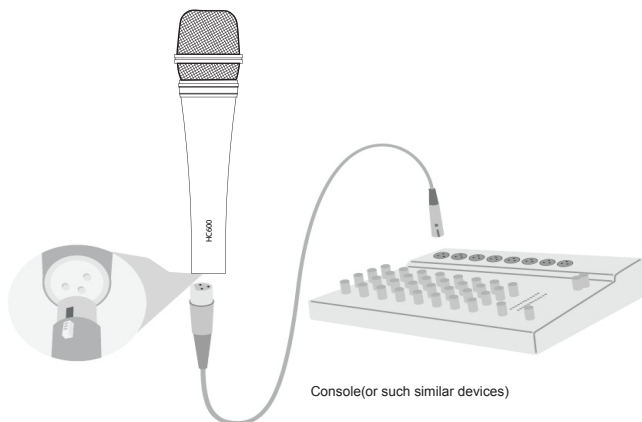
THE FREQUENCY RESPONSE CURVES AND THE POLAR DIAGRAM



Cardioid at 1KHz

* Cardioid—When this pattern is selected, the microphone picks up sounds directly in front of the microphone and is least sensitivity to those in back. This is the most commonly used pattern in studio recording and live-sound applications.

XLR CONNECTION



- 1、 Connect HC600 to mixing console, audio interface or mic amp etc with a 3-pin XLR cable(here takes console as an example).
- 2、 Turn on 48V phantom power on console which supply power to HC600.
- 3、 To ensure better sound quality, please check devices in good condition.

SPECIFICATION

* Frequency response:	80hz-20khz
* Polar pattern:	cardioids
* Output impedance:	150ohms
* Sensitivity:	-38dB±3dB
* Signal to noise ratio:	73dB
* Equivalent noise level:	21dB
* Max SPL:	150dB

SERVICE

If your product needs servicing, follow these instructions.

1. Ensure the problem is not related to operation error or external system devices.
2. Keep this owner's manual. We don't need it to repair the unit.
3. Avoid extreme heat and condensing humidity. Allow the microphone to warm up in the case when bringing it in from the cold weather.
4. Rough handling may damage the microphone even if no visible marks are left.
5. When not in use keep the HC600 in its case.

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HC600 手持电容人声麦克风

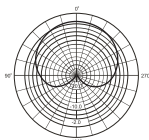
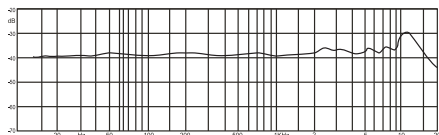
产品简介

HC600是一款手持电容人声麦克风。音头采用全新的防震设计，优质的橡胶圈具有良好的防震效果。心型指向性收音设计，能减低旁边以及后方的噪声干扰，提供更好的隔离。无时无刻都传递着一种细节丰富，清晰自然的音质。金属网头大大的减少来自口水的侵蚀。锌合金压铸壳身结合坚硬的金属网头确保无论在舞台表演或者录音室录音的时候产品的稳定性和耐用性。

近讲效应

运用	建议话筒放置位置	音质
人声	嘴与防风罩的距离少于15厘米（6英寸），或轻触防尘罩，在话筒轴线上。	饱满、加重低音、最大程度隔离其它声源。
	与嘴的距离为15至60厘米（6英寸至2英尺），刚好在鼻子平面上面。	自然，减弱低音。
	与嘴的距离为20至60厘米（8英寸至2英尺），稍微偏向一侧。	自然、减弱低音和"S"声。
	距离90厘米至1.8米（3至6英尺）	薄的远距离声音；可听见不同程度的环境声。
电吉他 电贝司音箱	与扬声器的距离为2.5厘米（1英寸），在话筒轴线上扬声器锥盆范围内。	音头锐利；低频突出。
	与扬声器的距离为2.5厘米（1英寸），在扬声器锥盆边缘。	音头锐利；低频突出。
	离扬声器15至30厘米（6至12英寸），在话筒轴线上扬声器锥盆范围内。	音头平和；完整的平衡声。
	与扬声器的距离为60至90厘米（2至3英尺），在话筒轴线上扬声器锥盆范围内。	音头柔软；低频减弱。

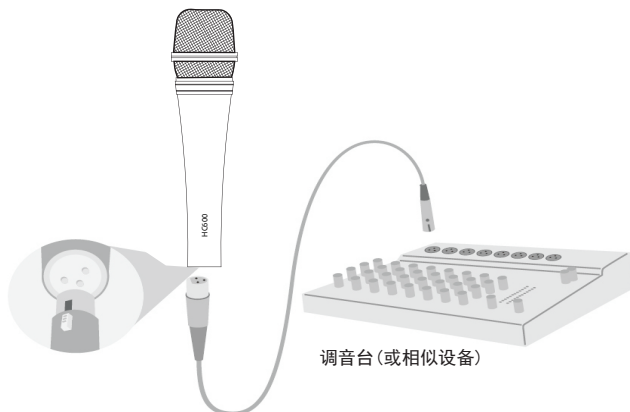
频响曲线以及极性图



Cardioid at 1kHz

* 心型—当您选择这个模式时，麦克风拾音的方向是在前面，减少后面声音的收入。这种模式经常用在工作室录音和现场录音。

XLR 连接



- 1、用一根三针卡农线连接HC600和调音台/声卡/话放此类设备（在此以调音台为例）。
- 2、打开调音台上的48V幻象电源开关给HC600话筒供电。
- 3、为了确保拾取良好的音质请确保所使用设备无误。

参数

- * 频响： 80hz-20khz
- * 指向性： 心型
- * 输出阻抗： 150ohms
- * 灵敏度： -38dB ± 3dB
- * 信噪比： 73dB
- * 等效噪音级： 21dB
- * 最大声压级： 150dB

保修

如果您的产品需要维修，请按照以下说明操作。

1. 请确保不是因为操作不当或外部设备所造成。
2. 请保存好我们的说明书，返修的时候不变把说明书寄回给我们。
3. 避免高温潮湿的环境。在寒冷的天气下使用话筒请先检查好话筒是否无误。
4. 不正确粗暴地使用话筒可能会损坏话筒。
5. 当您长时间不用HC600时请妥善保管话筒。

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