



User guide

MC1 CONDENSER MICROPHONE



Precaution

Thank you for purchasing this digital appliance. To ensure perfect operation and security, please read the manual carefully and retain it for future reference.

Safety Precautions



The lightning flash with the arrowhead symbol in an equilateral triangle is intended to alert the user to the presence of non-insulated “dangerous voltage” inside the appliance that may be of sufficient magnitude to constitute a risk of electric shock.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

Important Safety Instructions



(Figure 1)

- 1) Read these instructions.
- 2) Retain these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this appliance near water.
- 6) Clean only with a dry cloth.
- 7) Do not block any of the ventilation openings that were installed in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the plug provided does not fit into your outlet, consult an electrician to ensure replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where it exits from the appliance.
- 11) Only use attachments/accessories specified by the manufacturer.
- 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the appliance. If using a cart, be careful when moving the cart/appliance combination to avoid injury from tip-over (Figure 1).
- 13) Unplug this appliance during lightning storms or when unused for long periods of time.
- 14) Refer all servicing to qualified service personnel. Servicing is required when the appliance has been damaged in any way, for example, the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen inside the appliance, the appliance has been exposed to rain or moisture, does not operate normally, or has been dropped.

WARNING: To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

CAUTION: The appliance should not be exposed to drips or splashes of water. Objects filled with liquids, such as vases, should not be placed on the appliance.

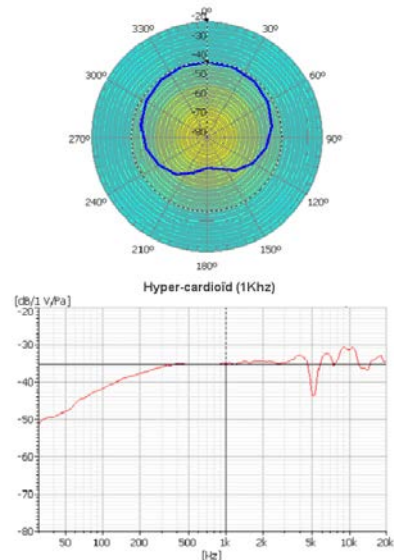
PROFESSIONAL CONDENSER MICROPHONE

Features :

- Cardioids polar pattern can reduce the feedback as less as possible.
- The clear tone quality, without « pop » noise for the high sound.
- The solid metal structure used from high quality materials.
- An integrated windscreen sponge against wind and breath noise.
- Stable and reliable.

Specifications:

- Frequency response: 30Hz-20kHz
- Sensitivity: $-37 \pm 3\text{dB}$
- Directivity Characteristic: cardioid
- Equivalent Noise Level: $\leq 23\text{dBA}$ (IEC 581-5)
- Max. Input SPL: $\geq 125\text{Db}$ (at 1 kHz)
- Output Impedance: $100\Omega \pm 30\%$ (at 1 kHz)
- Power Requirement: 48V DC Phantom Power



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 the microphone, grasp the connector while depressing the tab. Pull the connector away from the microphone.

Usage:

<p>The diagram illustrates the microphone's hyper-cardioid polar pattern. It shows the microphone pointing towards the sound source (0°) and away from the stage monitor (180°). The polar pattern is shown as a cardioid shape with a peak at 0° and a null at 180°.</p>	<p>1/For the best gain before feedback and isolation from undesired background noise, aim the microphone toward the sound source and away from undesired sound source.</p>
<p>The diagram shows two ways to hold the microphone. The left way is incorrect, with the hand covering the grille, marked with a red 'X'. The right way is correct, with the hand holding the handle and not covering the grille, marked with a green checkmark.</p>	<p>2/Do not cover any part of the grille with your hand, covering the grille alters the sound and distorts the polar pattern increasing the chance for feedback.</p>

Cautions:

1/If the head of the microphone is covered by hand or brought close to the speaker, 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.

2/It is important to keep foreign particles out of the grill and the windscreen because they may alter the frequency response of the microphone. The grill shall be periodically cleaned using warm soap water, rinsed with plain water and let dry before replacing.

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 the sound reproducing, avoid exposing it to moisture and extreme temperatures.

Warranty

Prodipe and its distributors decline all responsibility for any damage caused by using this appliance in a way that does not conform to the conditions of use as set out above.



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