

USER GUIDE



Micro STC-3D MK2

Ludovic Lanen



Safety Informations

Thank you for purchasing this digital appliance. To ensure perfect operation and security, please read the manual carefully and retain it for future reference. This manual can be downloaded from our site.



CAUTION
Risk of electric shock
Do not open!



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 mark 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 instructions

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.



(Figure 1)

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.



This logo indicates that the product can be recycled after it has been used. Please do not dispose of the product with your normal household waste. Return the product to the shop where you purchased it or place it in the designated recycling container.

Introduction

Thank you for purchasing this product. For an optimal use of your Prodipe STC-3D MK2 studio microphone, read the instructions in this manual carefully. Keep it in a safe place. Each product is strictly controlled before being put on sale by a quality service of the most demanding.

Presentation of the cell

Prodipe's STC-3D MK2 Lanen microphone capsule was created to meet the requirements of musicians who want a large-diaphragm studio microphone to capture an extremely wide frequency range with great sensitivity.

The electret capsule of STC-3D MK2 Lanen can handle up to 130dB. It will preserve the full harmonic envelope and warmth of your instrument. A rich, warm, precise and clean sound of the voice or the instrument.

Safety Information

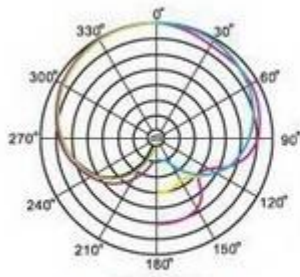
To avoid any possibility of electric shock, please do not remove the back of this product. For any repair work please contact either the shop where you purchased the product or a qualified technician.

User Information:

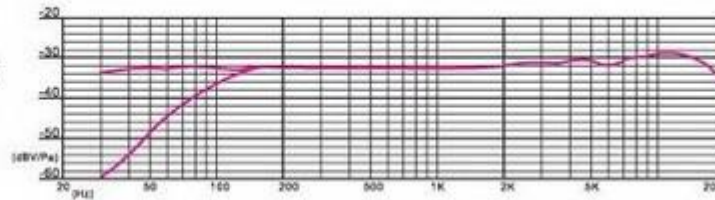
- Connect your mic to your amp or your mixing deck.
Switch on your your amp/mixing deck and put the volume at minimum.
Switch on the phantom power and adjust the gain (see instructions for your mixing deck or amp).
- Do not cover the mic, for example, with your hand, and if you want to avoid the Larsen effect, do not bring the mic too close to the monitors.
- The capsule is very sensitive. Strong physical shocks can cause damage to the mic. Please handle it with care.
- If you want to maintain the mic's excellent quality and sensitivity, do not expose it to dust or high temperatures.
- The specifications in this manual are subject to change without prior notice.

Frequency Response Curves:

Uni-directional Frequency Response:

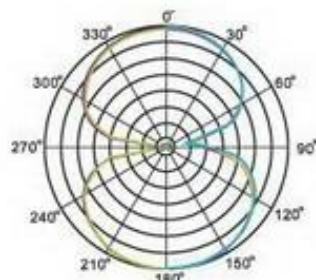


Uni-directional

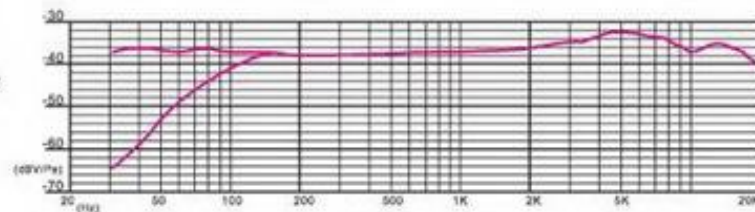


Frequency response graph

Bi-directional Frequency Response:

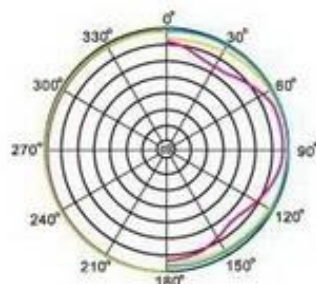


Bi-directional

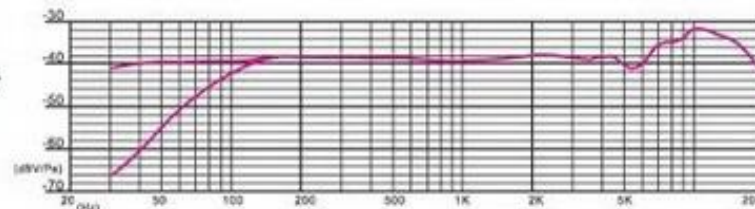


Frequency response graph

Omni-directional Frequency Response:



Omni-directional



Frequency response graph

Directions for Use:

Connecting and disconnecting the mic lead:

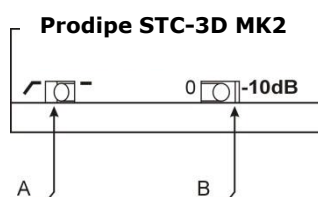
1. Connect the XLR connector to the mic. Ensure that the pins are properly lined up with the socket before fully connecting (you should hear a small click).
2. When disconnecting the lead, press the release button and remove the lead from the mic.

Standard setup:

Phantom power



Using the switches:



A. Low Frequency Attenuation:

- Position "-": no attenuation.
- Position "┌": helps reduce the background noise and minimise a possible Larsen effect at the same time.

B. Sensitivity Attenuation:

- Position "0": no attenuation.
- Position "-10dB": reduces the sensitivity to -10dB and hence shortens the recording distance by eliminating background noise. This setting is generally used during high volume and high amplitude sound recordings (for example, to properly record low frequencies from a small instrument in a symphony orchestra).

Technical features:

Features

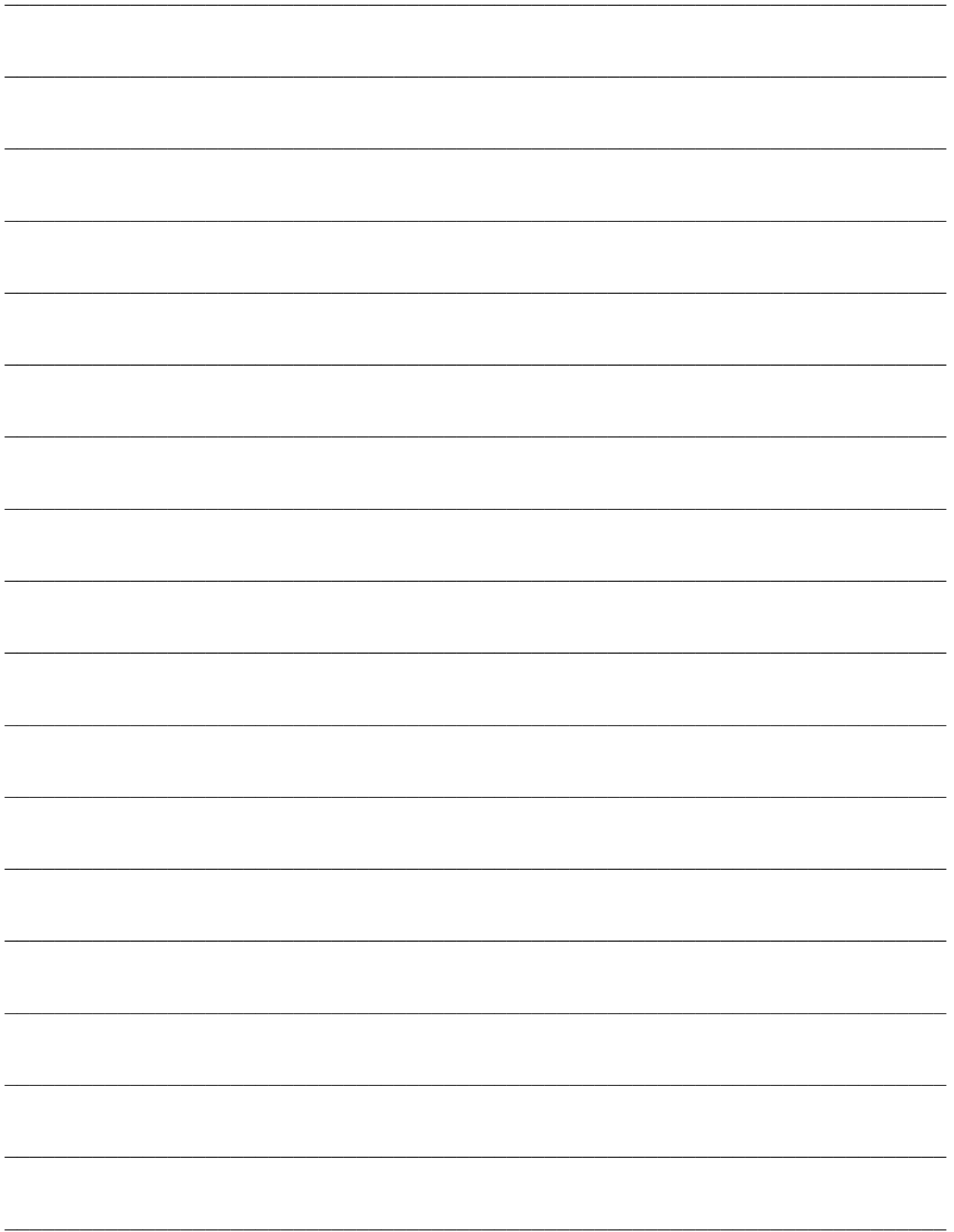
- Ø34mm dual large gold-plated diaphragm provides warm and gentle sound reproduction.
- Three directivity characteristics (Cardioid/Bi/Omni) for different applications.
- Built-in transistor noise reduction circuit, low noise, stable performance, high SPL.
- Low cut and sensitivity attenuation for reducing ambient noise
- Wide frequency response, low distortion, wide dynamic range
- Low output impedance

Application

- Recording,
- Broadcasting,
- On-stage performance,
- Chorus

Specifications

- Transducer Principle: Dual, True Condenser
- Diaphragm: Ø34mm Gold-plating
- Directivity: Cardioid, Bi, Omni
- Frequency Response: 20Hz-20KHz
- Sensitivity: -33/-39/-38dB \pm 3dB (0dB=1V/Pa at 1KHz)
- Equivalent Noise Level: \leq 12dB A
- Max. Input SPL: 130dB (THD \leq 1.5% at 1KHz)
- Sensitivity Attenuation: -10dB \pm 2dB
- Bass Filter: 10dB/octave at 80Hz
- Output Impedance: 58 Ω \pm 20%
- Power Requirement: 48V DC Phantom Power
- Net Weight: 540G





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