

# USER GUIDE



CONDENSOR MICROPHONE

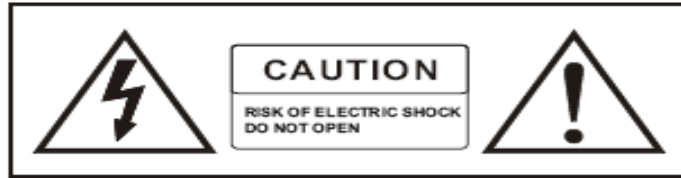
**A1 Duo**



# 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.

Dear Customer,

We would like to thank you for the confidence you have placed in us by purchasing a Prodipe product.

A new generation of condenser Professional Microphones for Studio and Live recording.

Specially designed for all round use, this condenser microphone picks up sound equally as well live as in the studio.

Its construction meets all the required technical criteria, giving it an undeniable musical quality - sound clarity, high accuracy and acoustic fidelity.

This model is particularly recommended for stringed instruments such as violin, viola, cello, double bass and acoustic guitar.

The A1 duo is supplied with two mounts and two shields.

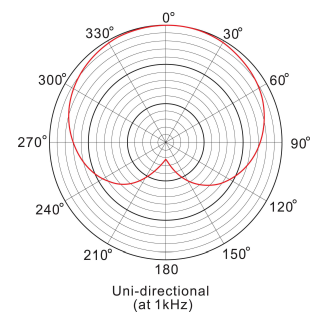
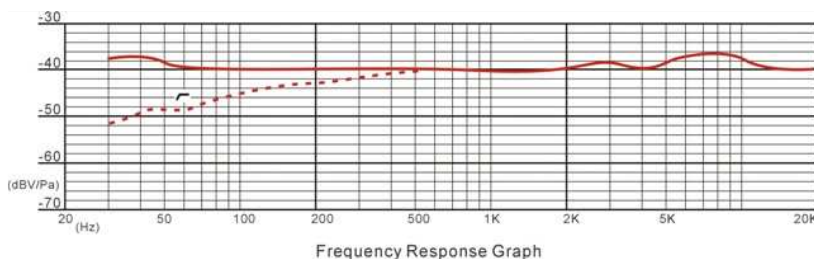
### Usage:

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 sauna 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.
5. The related specification or deployment are subject to change without any prior notice.

### Specification:

- Element: Pressure Gradient Transducer
- Capsule:  $\varnothing$  22 mm
- Polar Pattern: Uni-directional
- Frequency Response: 30Hz~18kHz
- Sensitivity:  $-38\text{dB} \pm 2\text{dB}$  ( $0\text{dB} = 1\text{V}/\text{Pa}$  at 1kHz)
- Output Impedance:  $100\Omega \pm 30\%$  (at 1kHz)
- Load Impedance:  $\geq 1000\Omega$
- Self Noise: 20dB A (IEC 581-5)
- Max Input SPL: 134dB (at 1kHz  $\leq 1\%$  T.H.D)
- S/N Ratio: 74dB
- Low Frequency Attenuation: 100Hz/oct 12dB
- Phantom Power Requirement: 48V DC Phantom ( $\pm 5\text{V}$ )
- Net Weight: 120g

### 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 clicks.
2. To disconnect the cable and microphone, grasp the connector while depressing the tab. Pull the connector away from the microphone.

**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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