

CLEVER

.....a c o u s t i c s.....

www.cleveracoustics.co.uk



PM 500 CONDENSER PAGING MIC

Order code: CRMIC05

.....

WARNING

**FOR YOUR OWN SAFETY, PLEASE READ THIS USER MANUAL CAREFULLY
BEFORE YOUR INITIAL START-UP!**



CAUTION!

**Keep this equipment away from rain,
moisture and liquids.**



SAFETY INSTRUCTIONS

Every person involved with the installation, operation & maintenance of this equipment should:

- Be competent
- Follow the instructions of this manual

Before your initial start-up, please make sure that there is no damage caused during transportation. Should there be any, consult your dealer and do not use the equipment.

To maintain the equipment in good working condition and to ensure safe operation, it is necessary for the user to follow the safety instructions and warning notes written in this manual.

Please note that damages caused by user modifications to this equipment are not subject to warranty.

IMPORTANT:

The manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual or any unauthorised modification to the equipment.

- Never remove warning or informative labels from the equipment.
- Do not open the equipment and do not modify the equipment.
- Do not switch the equipment on and off in short intervals, as this will reduce the system's life.
- Only use the equipment indoors.
- Do not expose to flammable sources, liquids or gases.
- Always disconnect the power from the mains when equipment is not in use or before cleaning! Only handle the power-cable by the plug. Never pull out the plug by pulling the power-cable.
- Make sure that the power-cable is never crimped or damaged. Check the equipment and the power-cable periodically.
- If the equipment is dropped or damaged, disconnect the mains power supply immediately.
Have a qualified engineer inspect the equipment before operating again.
- If the equipment has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation might damage the equipment. Leave the equipment switched off until it has reached room temperature.
- If your product fails to function correctly, discontinue use immediately. Pack the unit securely (preferably in the original packing material), and return it to your Prolight dealer for service.
- Repairs, servicing and power connection must only be carried out by a qualified technician. THIS UNIT CONTAINS NO USER SERVICEABLE PARTS.
- WARRANTY; One year from date of purchase.
- If this equipment is operated in any other way, than those described in this manual, the product may suffer damage and the warranty becomes void.
- Incorrect operation may lead to danger e.g.: short-circuit, burns, electric shocks etc.
- Do not endanger your own safety and the safety of others!
Incorrect installation or use can cause serious damage to people and property.

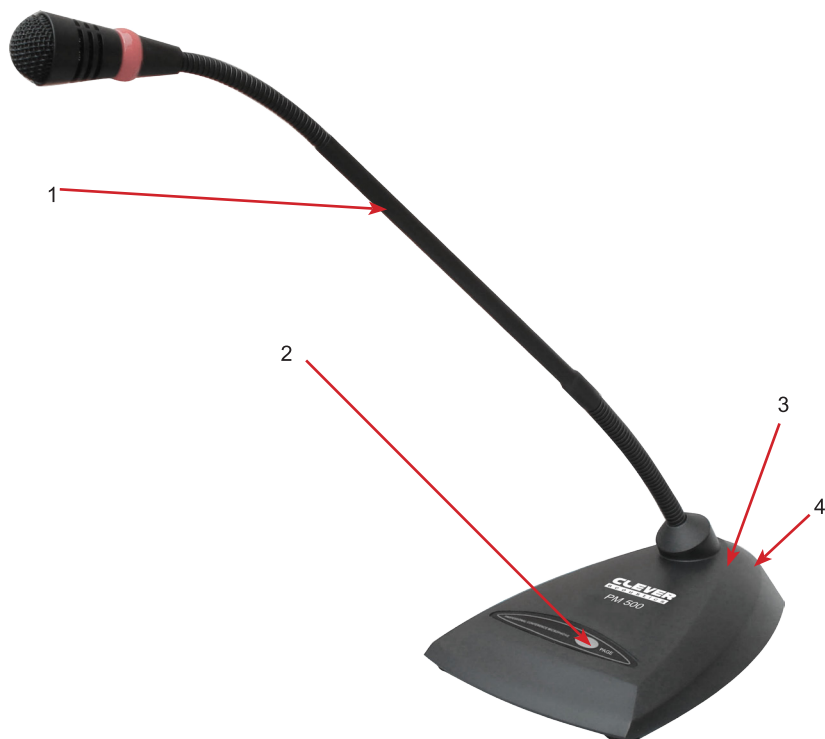
The PM 500 Condenser Paging microphone is designed to be used with the MA Mixer Amplifier Series.

Features

- Condenser microphone capsule
- Unidirectional polar pattern
- Push to talk button
- Red LED indicator when paging
- Captive 3m balanced 3-pin XLR cable
- Flexible gooseneck
- Built-in low frequency attenuator
- Requires +48V phantom power

Specifications	PM 500
Sensitivity:	-47dB (±3dB)
Max sound pressure:	120dB
S/N ratio:	68dB
Frequency response:	50Hz-18kHz
Element:	9.7mmØ condenser
Polar pattern:	Unidirectional
Output impedance:	≤ 200Ω
Power supply:	Phantom power 48V
Dimensions (H x W x D):	410 x 115 x 160mm
Weight:	0.88kg
Order code:	CRMIC05

Overview:



Identification:

1. PM 500 microphone

2. Page button - Use this button activate the talk function.

3. PM 500 Base

4. XLR audio output: Balanced audio output for connection to the mixer amplifier. Due to the microphone operating from the +48V phantom power the connecting cable must be fully balanced 2 core + screen type.

Panel connections:



Problem Chart

PROBLEM	CAUSE	REMEDY
No Power	Phantom power is not present	Check Phantom power is switch on Check all connections between mic & mixer amp are fully balanced using 2 core + screen cable
No Sound	The connection socket or the plug is dirty.	Clean the socket and/or the plug.
Noise	The input signal is too strong	Reduce the input signal via the gain control.
Distorted Sound	Input is too strong	Ensure the user is not shouting into the microphone or positioning the microphone too close to the users mouth.



CAUTION - DANGER TO LIFE
DISCONNECT FROM THE MAINS BEFORE
STARTING MAINTENANCE OPERATION



Cleaning and Maintenance

We recommend a frequent cleaning of the product. Please use a soft lint free and moistened cloth. Never use alcohol or solvents.

There are no serviceable parts inside the product except for the fuse. Maintenance and service operations are only to be carried out by authorised dealers.

Should you need any spare parts, please use genuine parts.

Should you have any further questions, please contact your dealer.

English



***Correct Disposal of This Product
(Waste Electrical & Electronic Equipment)***

(Applicable in the European Union and other European countries with separate collection systems)

This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

CLEVER
a c o u s t i c s

www.cleveracoustics.co.uk

