CM4000
LECTURING
MICROPHONE SERIES

FBW

User Manual

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1.Accessory

Lecturing microphone x 2(standard wiring is 3M long)	Floor base x 1	User Manual x 1
Small windproof cotton cover x 2	Large windproof cotton cover x 2	

2.Specifications

CM4000 Specifications

Element	Back Electret Condenser
Polar Pattern	Cardioid
Frequency Response	40Hz-16KHz
Sensitivity (48V/1.5V)	-38dB ±3dB(1dB=1V/Pa at 1KHz)
Output Impedance	500Ω ±20% (at 1KHz)
Max.Input SPL	130dB/115dB (T.H.D≤1% at 1KHz)
Signal to Noise Ratio	70dB (1KHz at 1Pa) (A-Weighted)
Power Requirements	(48V DC)2mA
Line Length	3MOutlay
Weight	4.7 Kg
Body Size	Φ250 mm x 1330mm
Output Interface	XLRM

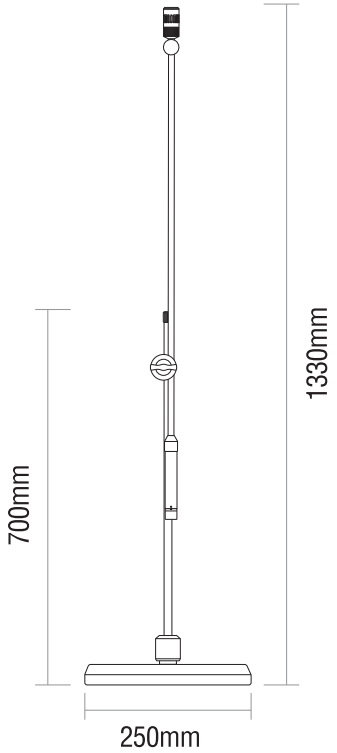
This is a conference microphone with novel appearance, excellent sound quality, high definition and not easy to make sound feedback.
High sensitivity single directional sound head with wide frequency response, wide frequency response, strong pickup ability, low noise and low distortion, and 105 degree rotating structure up and down, exquisite and beautiful; With touch mute switch and red indicator light.
It is suitable for news broadcasting, various types of conference halls and high-quality talks.

- Interchangeable with cardioid, hyper-cardioid and Omni sound heads
- The sound head is detachable and directly connected with the amplifier
- Straight intermediate and advanced high frequency make the sound clear
- Brass shell paint by special flannel lacquer,which makes the products beautiful
- 48V phantom power
- The gold plated XLR link makes audio frequency current with ideal transmission

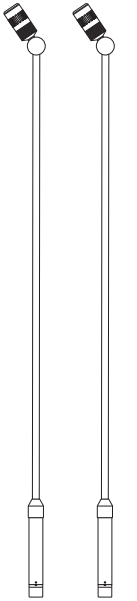
Precautions For Product Use

- connect the microphone before use
- adjust the pickup angle of the microphone to the appropriate position
- when speaking, keep the distance from the microphone at least 10cm to ensure the normal use of the microphone.
- store in a dry place.
- please do not put the equipment in wet places such as rainy days to avoid damage

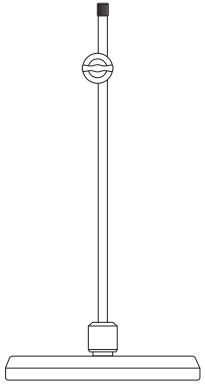
3.BODY SIZE



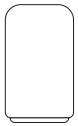
4.LECTURING MICROPHONE



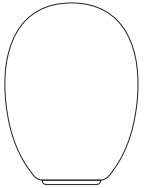
Lecturing microphone
(standard wiring is 3M long)



Floor base



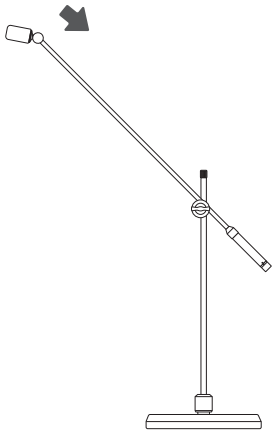
Small windproof cotton cover



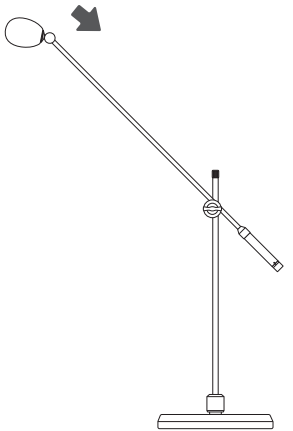
Large windproof cotton cover

5.USAGE INSTRUCTIONS

Installation Of Windproof Cotton Cover

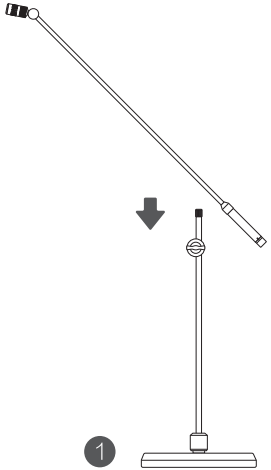


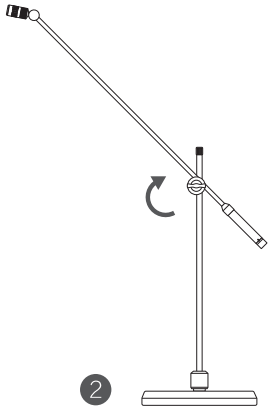
Installation Effect Of Small Windproof Cotton Cover



Installation Effect Of Large Windproof Cotton Cover

Microphone Installation

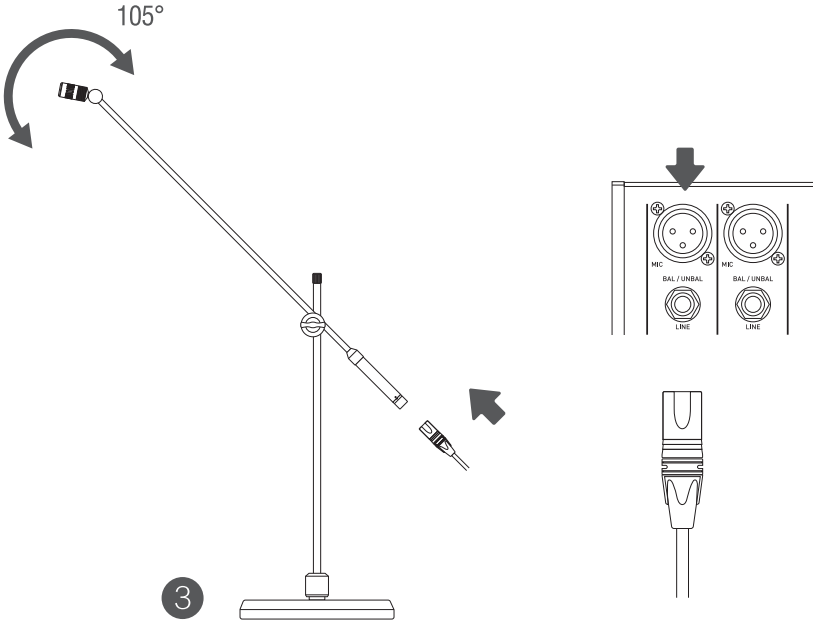




Function Indication

Microphone Operation

• Adjust the microphone to the right angle
• Connect the XLR connector to various preamplifiers such as conference mixer or mixer with 48V phantom power supply.



6.EQUIPMENT MEASUREMENT

Measurement Environment

Temperature:29°C

Relative Humidity:60%

Pressure:102kPa

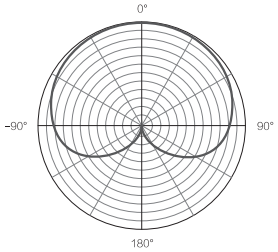
Ambient Noise:≤32dBA

Measuring Equipment

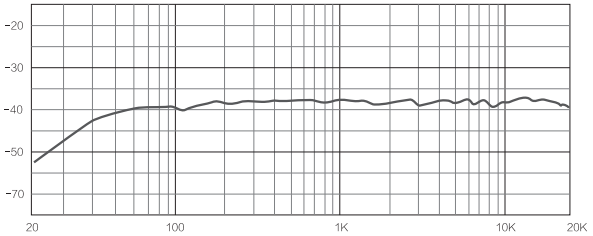
Audio Analyzer:Audio Precision APx515

Speaker:GENELEC® SAM™ 8361A Three Frequency Coaxial Intelligent Monitor Speaker

POLAR PATTERN



FREQUENCY RESPONSE



7.CLEANING AND MAINTENANCE OF MICROPHONES

⚠ CAREFUL

·Fluid may damage microphone Electronics

·Liquid may penetrate into the housing and cause short circuit of electronic devices

·Never use solvents or detergents

·Please clean the microphone regularly with a soft cloth

8.MATTERS NEEDING ATTENTION

Important safety tips

1.first of all, thank you for choosing our products. Please read the user guide carefully before using this product.

2.please keep the instructions properly and always give the product to other users together with the instructions.

3.please pay attention to all warning prompts and follow all instructions in the operating instructions.

4.clean the equipment with a soft cloth.

5.do not place this product near heat sources, such as radiators, ovens or other devices (including loudspeakers).

6.only use the additional equipment and accessory parts matched by the original company.

7.all maintenance work must be carried out by specially trained maintenance personnel.

8.If the product is damaged in any form, such as liquid or foreign matter infiltration or rain, it cannot work normally or falls accidentally, it must be maintained.

Warning:

Do not use this product near water.

Do not use the product in rain or wet environment.

Otherwise, there is a risk of short circuit.

Standard Use

·Read the instructions carefully, especially the "important safety tips" on this page

·Use the equipment only in accordance with the operating conditions in these operating instructions.

·If you do not use the equipment in accordance with the operating instructions or do not comply with the operating conditions in the instructions, it will be deemed as illegal use.

9.WARRANTY SERVICE

If there is any problem with the product, please contact our service center.



Failure to follow the following safety instructions may result in fire, electric shock, damage, or other injuries



Dealer



Repair center

- It is forbidden to disassemble, repair or transform the product by itself.
- Do not replace any element of the product or make any modifications.
- Use only approved adapters. Do not connect to incompatible adapters.
- Do not work, crimp, damage or damage the power cord.
- This equipment is not waterproof, please keep it dry.
- Do not place the machine near fire or other heat sources.
- Please do not throw or beat the product.
- Keep out of reach of children and keep out of reach of children.

Please provide proof of purchase or warranty card when repairing, so as to obtain the corresponding warranty service.

If you remove the series number, date code label, product label or disassemble the machine, there is no warranty.

For any incidental or consequential damage arising from improper use or misunderstanding,We are not responsible.

FBW



Made in China

Guangdong Hua En Audio-Video Technology Co.,Ltd.

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Enping City, Guangdong, China