

Superlux®

CMH8C

LARGE DIAPHRAGM CONDENSER MICROPHONE

Contact

Marketing and sales

Goang-Fann Co.,Ltd

+886-2-26931323

sales@superlux.com.tw

support@superlux.com.tw

Manufacturing & logistics

Superlux Enterprise

Development (Shanghai) Co., Ltd.

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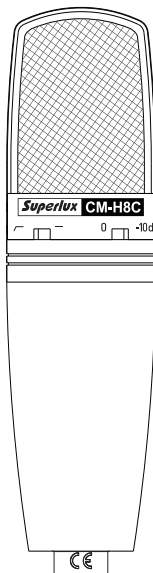
GENERAL DESCRIPTION

These all purpose studio-grade condenser microphones combine skillful workmanship with a 1-inch gold deposited diaphragm for the most vivid sound. There are a variety of optional accessories available to meet the requirements of almost all applications and settings.

The CMH8C is the full-featured version, having a dual diaphragm for 3 switchable polar patterns. A built-in HPF reduces those unwanted low frequency rumbles while the -10dB pad switch effectively reduces high SPL for better sound pick up. The CMH8C is a great recording microphone with extended frequency response, low distortion, low noise and high dynamic range, and will meet the critical demands of the best professional sound engineers.

APPLICATIONS

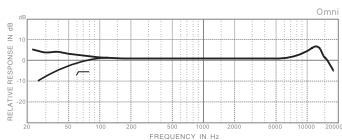
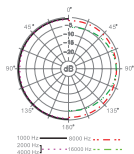
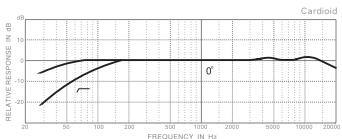
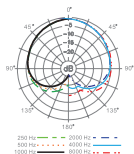
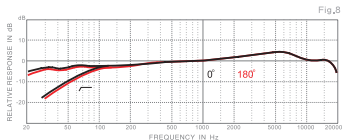
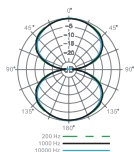
Studio / Broadcast / Vocals / Woods /
Strings / Acoustic Guitar / Piano /
Brass / Percussion / Eastern&Western
Instruments

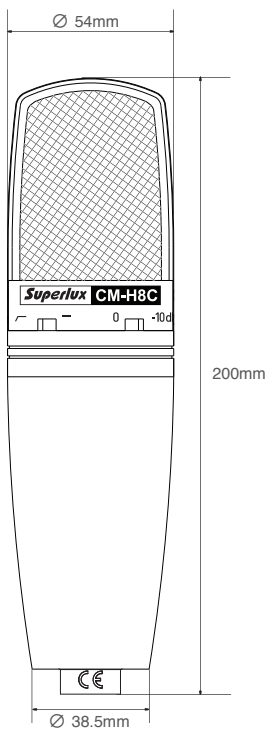


FEATURE

- 1" Gold-coated diaphragm
- Low noise transformer circuitry
- Internal low frequency roll-off switch
- Flat and wide frequency response
- Completed microphone packaged in a sturdy A3 suitcase

CMH8C FREQUENCY RESPONSE





Unit: mm

CMH8C

CMH8C: Figure 8, Cardioid, Omni,
external -10dB pad and low cut switch.

Specifications	*Note: Specifications are subject to change.
Type	Ture condenser, Ø 1" (Ø25.4mm), dual diaphragm
Polar Pattern	Variable polar pattern from figure 8, cardioid and omni
Frequency Response	30 - 20,000Hz
Low Frequency Filter	100Hz
Pad	-10dB
Sensitivity	-35 / -30 / -35dBV/Pa (17 / 28 / 17mV)
Output Impedance	200Ω
Min. Load Impedance	1,000Ω
S/N Ratio	76 / 80 / 76dB
Equivalent Output Noise	18 / 14 / 18dB
Max. SPL	142 / 138 / 142dB
Dynamic Range	124dB
Power Requirements	48V DC, 4mA
Finish	Champagne Silver
Connector	XLR3M
Dimensions	Ø54 x 200mm, Ø2.13" x 7.87"
Net Weight	565g (19.9oz)
Packaging	A3 protective carrying case, colorful outer packaging

*1Pa=10 microbars=94dB SPL

SUPPLIED ACCESSORIES



A3
Carrying
case

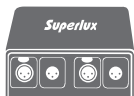


HM8
Rotatable
connector



YA1
Screw
adaptor

OPTINAL ACCESSORIES



PS2A
Phantom power
supply



S65
Windscreen
foam



HM7
Shock
mount



HM48B
Desktop holder



HM58B
Desktop holder



HM18AG
Pop Filter



MS158
Bic Mic Stand

KNOWING YOUR MICROPHONE



TYPE OF TRANSDUCER CONDENSER

With an extremely light weight diaphragm, it is very sensitive to sound. Very small versions are available for hidden applications. High performance condenser microphones are regarded as standard equipment in recording studios for extreme detail capturing. They operate with phantom or bayberry power.



DIRECTIVITY CARDIOID / 8-FIGURE / OMNI DIRECTIONAL

The polar pattern is one of important feature of microphone. Superlux CMH8C provides three different polar patterns to fit different environments/usages with the suitable polar pattern, such as instruments, singing, speech, or the sound of environment. The polar pattern can be selected by the polar pattern switch knob on the microphone.



WARNING! INDICATES A POTENTIALLY HAZARDOUS SITUATION WHICH IF MISHANDLED COULD RESULT IN DEATH OR SERIOUS PERSONAL INJURY OR PROPERTY DAMAGE.

- ※ Do not expose the unit to rain or an environment where it may be splashed by water or other liquids as doing so may result in fire or electric shock.
- ※ Do not attempt to modify this product. Doing so could result in personal injury and/or product failure.
- ※ Do not subject to extreme force and do not pull on the cable, it might cause the product failures.
- ※ Keep this product and the equipment which used together dry and avoid to exposure to extreme high temperature and humidity.



LIMITED WARRANTY

Superlux Enterprise warrants all materials and workmanship under use as instructed by the user's manual of this product for a period of one year from the original date of purchase. Warranty period might be different by each area. Please contact your local dealer for more information. If any defects are found in the materials or workmanship or if the product fails to function properly during the applicable warranty period, Superlux Enterprise, at its option, will repair or replace the product. This warranty applies only to equipment sold and delivered by Superlux Enterprise's authorized distributors or dealers. However, the following are not covered: Damage caused by accident, misuse, abuse, product modification or neglect; damage occurring during shipment; damage resulting from failure to follow instructions contained in your Instruction manual; damage resulting from the performance of repairs by someone not authorized by Superlux; claims based upon any misrepresentations by the seller; any Superlux product on which the serial number has been defaced, modified or removed. Service and repairs of Superlux products are to be performed only at a factory-authorized facility or authorized distributors or dealers. Unauthorized service, repairs, or modification will void this warranty. To obtain repairs under warranty, you must have a copy of your sales receipt from the authorized Superlux dealer where you purchased the product. It is necessary to establish purchase date and determine whether your Superlux product is within the warranty period. To obtain factory authorized service, please contact authorized distributors, dealers or mail to support@superlux.com.tw.