

Superlux®

CMH8B

LARGE DIAPHRAGM CONDENSER MICROPHONE

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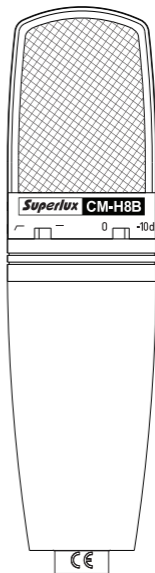
GENERAL DESCRIPTION

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 CMH8B has a single diaphragm with fixed cardioid polar pattern. This mic also has a built-in HPF to reduce unwanted lower frequency sounds such as footsteps and air-handler noises and a -10dB pad switch for high SPL instrument. The CMH8B is the middle priced unit for who do not need multi-directivity.

APPLICATIONS

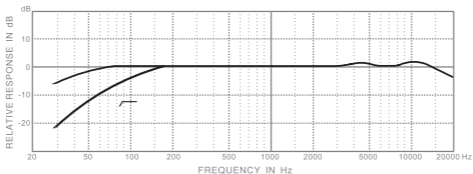
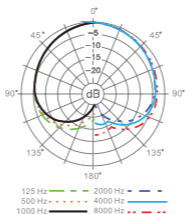
Studio / Broadcast / Vocals / Woods /
Strings / Acoustic Guitar / Piano /
Brass / Percussion / Eastern&Western
Instruments

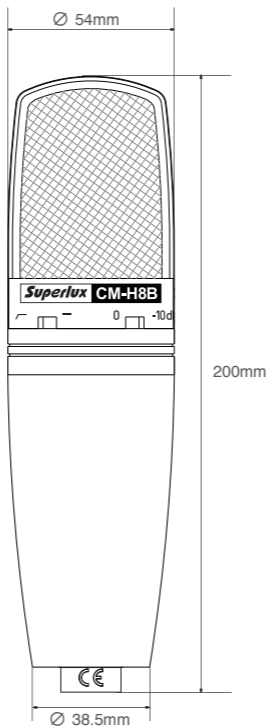


FEATURE

- 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

CMH8B FREQUENCY RESPONSE





Unit: mm

CMH8B CMH8B: Cardioid, external -10dB pad and low cut switch

| Specifications | *Note:Specifications are subject to change. |
|-------------------------|--|
| Type | Ture condenser, Ø1" (Ø25.4mm) |
| Polar Pattern | Cardioid |
| Frequency Response | 30 - 20,000Hz |
| Low Frequency Filter | 100Hz |
| Pad | -10dB |
| Sensitivity | -34dBV/Pa (20mV) |
| Output Impedance | 200Ω |
| Min. Load Impedance | 1,000Ω |
| S/N Ratio | 76dB |
| Equivalent Output Noise | 18dB |
| Max. SPL | 142dB |
| Dynamic Range | 124dB |
| Power Requirements | 48V DC, 2.7mA |
| Finish | Champagne Silver |
| Connector | XLR3M |
| Dimensions | Ø54 x 200mm, Ø2.13" x 7.87" |
| Net Weight | 550g (19.4oz) |
| Packaging | A3 protective carrying case, colorful outer packaging |

*1Pa=10 microbars=94dB SPL

SUPPLIED ACCESSORIES



A3
Carrying
case

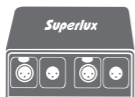


HM8
Rotatable
connector



YA1
Screw
adaptor

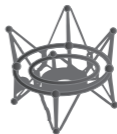
OPTIMAL ACCESSORIES



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

It picks up most signal on axis, rejects side noise, and picks up least to the back. It is suitable for live sound reinforcement. With its apparent proximity effect, most singers like to take advantage of the bass boost but cardioid mics are not good for speech.



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.