

# ***Superlux®***

CONDENSER MIC

DYNAMIC MIC

## **HMC660/HMD660**

**PROFESSIONAL HEADSET WITH  
INCORPORATED MIC**

### **Contact**

#### **Marketing and sales**

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#### **Manufacturing & logistics**

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# HMC660/HMD660

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## DESCRIPTION

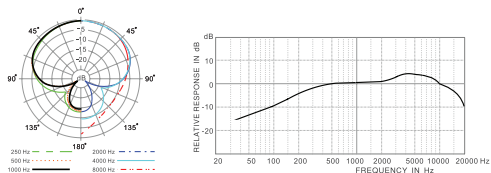
The HMC660/HMD660 series of stereo headsets are designed for the professionals that demand high quality monitoring and communication. Their precision acoustic design, integrating drivers, ear padding, and headband, combined with a professional condenser microphone for a balanced tone with high dynamic range make these headsets perfect for both listening and talking. They are ideal for live broadcasts, DJ's, desktop video conferences, on-line gaming and multimedia applications.

## FEATURES

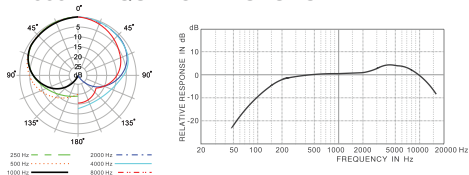
- Closed-back earphones for optimum ambient-noise attenuation
- Excellent details and clear midrange and extended highs
- Professional headset derived from the HD660 studio headphone
- Closed-back headphones for optimum ambient-noise attenuation
- Integrated professional condenser microphone PRA30 with supercardioid polar pattern gives high gain before feedback
- Reliable and easy-to-fix mesh windscreen to reduce POP noises

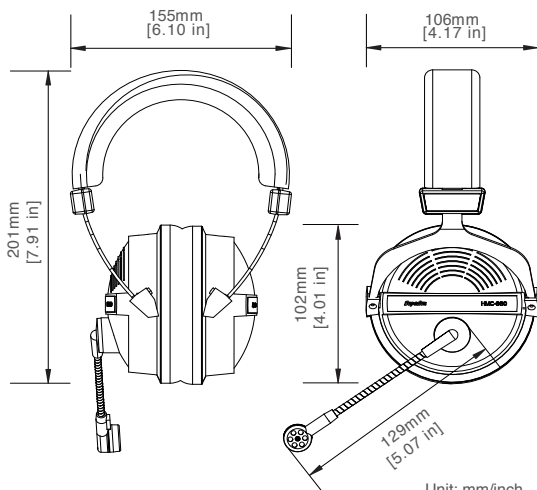
Model	Cable	Headphone Plug	Microphone Plug
<b>HMC660/ HMD660</b>	Spring cable / 3M	Open end	Open end
<b>HMC660X/ HMD660X</b>	Straight cable / 1.5M	3.5mm stereo plug with 6.3mm adapter	XLR3M
<b>HMC660E/ HMD660E</b>	Straight cable / 1.5M	3.5mm stereo plug with 6.3mm adapter	3.5mm stereo plug wired with mono signal

## HMC660 FREQUENCY RESPONSE

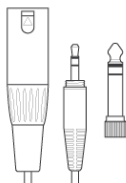


## HMD660 FREQUENCY RESPONSE

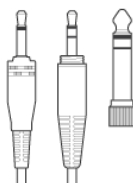




### HMC660X / HMD660X



### HMC660E / HMD660E



## HMC660 Specifications

<b>Headphone Type</b>	Dynamic, closed-back
Sensitivity	96 dB SPL (1 mW)
Frequency Response	10-30,000 Hz
Max. Input Power	100 mW
Rated Impedance	150 $\Omega$
Headphone Caliper Pressure	Approx. 6 N
<b>Microphone Type</b>	Back electret condenser
Polar Pattern	Supercardioid
Frequency Response	50-15,000 Hz
Sensitivity	-40 dBV/Pa (10 mV)
Max. SPL	136 dB SPL (THD $\leq$ 1% 1kHz)
Equivalent Output Noise (A-weighted)	24 dB (IEC/DIN 651)
Rated Impedance	200 $\Omega$
Dynamic Range	112 dB
Power Requirements	1.5 to 9V DC phantom power
Current Consumption	3 mA

\*1Pa=10 microbars=94dB SPL

\*Note: Specifications are subject to change.

## HMD660 Specifications

<b>Headphone Type</b>	Dynamic, closed-back
Sensitivity	96 dB SPL (1 mW)
Frequency Response	10-30,000 Hz
Max. Input Power	100 mW
Rated Impedance	150 $\Omega$
Headphone Caliper Pressure	Approx. 6 N
<b>Microphone Type</b>	Dynamic
Polar Pattern	Cardioid
Frequency Response	150-10,000 Hz
Sensitivity	-60 dBV/Pa (1 mV)
Max. SPL	136 dB SPL (THD $\leq$ 1%1kHz)
Rated Impedance	250 $\Omega$

\*1Pa=10 microbars=94dB SPL

\*Note: Specifications are subject to change.

## HMC660 / HMD660 ACCESSORIES



S11

Windscreen



A7

Plastic carrying case

## KNOWING YOUR MICROPHONE



### TYPE OF TRANSDUCER DYNAMIC

With a durable and simple structure, it operates in all kinds of environments. A good dynamic microphone is capable of operating at a very high sound pressure level without distortion. Due to structural limits, dynamics cannot be as small as a condenser, but dynamics don't require power to operate.



### 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 battery 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.



### DIRECTIVITY SUPERCARDIOID

A supercardioid is narrower than a cardioid pattern and is suitable for a multiple microphone setup. It is least sensitive toward the side and rear, where most stage monitors are located. It has the same proximity effect as a cardioid 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](mailto:support@superlux.com.tw)