

## S502MKII ORTF STEREO 1/2" TRUE CONDENSER MICROPHONE



### Description

The Superlux S502 ORTF recording microphone has earned an outstanding reputation in the professional audio industry. Building on this success, Superlux is pleased to announce a new improved version, the S502MKII.

The S502MKII features specialized diaphragm technology that provides better directivity, a lower S/N ratio and improved total harmonic distortion.

The new Superlux S502MKII reveals more sound detail with extended high frequency response. Compared to the original S502, the new S502MKII delivers a flatter frequency response with a crystal-clear, natural sound quality that captures a wide stereo field with increased depth and realism.

The Superlux S502MKII ORTF stereo microphone is a perfect choice for any professional recording or sound reinforcement application.

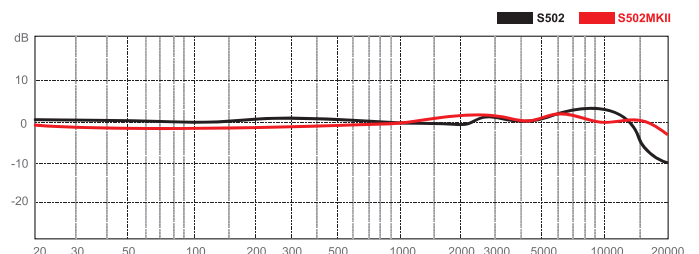
### Features

- 1/2" OD 3 µm ultra-thin diaphragm capsule
- Uniform frequency response
- ORTF fixed standard capsule arrangement
- Balanced output
- Best for stereo sound field recording
- Extra-low background noise



### Specifications

Type	True condenser, Ø1/2" (Ø12.7 mm) matched pair
Polar Pattern	Cardioid
Frequency Response	40 – 20,000 Hz
Sensitivity	-37 dBV / Pa (15.8 mV)
Output Impedance	200 Ω
Min. Load Impedance	1,000 Ω
S/N Ratio	79 dB
Equivalent Output Noise	15 dB (A-weighted, IEC/DIN651)
Max. SPL	134 dB (THD ≤ 1 % @ 1000 Hz)
Dynamic Range	117 dB
Power Requirements	48 V <sub>DC</sub> , 4.5 mA
Finish	Black
Connector	XLR5M
Pin Assignment	Left channel pin 2/3; Right channel pin 4/5; pin 2/4 connect to "+" signal; pin 1 connect to shield and ground
Dimensions	Capsule: Ø20 mm (Ø0.79"), Width 184.5 mm, High 66.8 mm (Width 7.26", High 2.63")
Net Weight	245 g (8.6 oz)




This information sheet contains important information for the safe use of the product. Read and follow the safety and handling instructions given here. Please keep this information sheet for future reference. If you pass on the product described overleaf, please enclose this information sheet.

## Safety instructions

### Intended use

This device converts acoustic signals in electrical signals. Any other use or use under the conditions excluded here is considered improper and can lead to personal injury or property damage. Neither the manufacturer nor the distributor is liable for damage resulting from improper use.

### Choking hazard for children

 Make sure that plastic sleeves, packaging, etc. cannot get into the reach of babies and small children. Do not allow children to use electrical devices unsupervised. They could loosen parts of the product, then swallow them and choke on them!

### Place of operation

The device must not be used

- ▶ at particularly high temperatures or humidity
- ▶ in particularly dusty or polluted places
- ▶ in places where it can be exposed to moisture

### General handling

To prevent damage, never use force when handling the product. Never immerse the product in liquids. Just wipe it with a clean, dry cloth. Never use liquid cleaners such as benzene, thinner, or flammable detergents to clean the product.

## Disposal

### Old devices



Devices with this label are subject to the current EU directive on waste electrical and electronic equipment (WEEE directive) and may not be disposed of with household waste, but only via a suitable disposal company. Ask your local authority or your specialist dealer about your options for proper disposal.

### Packagings



Environmentally friendly materials have been selected for the packaging and are to be recycled. Do not just throw away plastic sleeves, packaging, etc., but recycle them. If necessary, note the instructions and labels on the packaging.