Superlux®

BES3.5 / BES5

TWO-WAY MONITOR SPEAKER

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Instruction Manual

BES3.5 3.5 TWO-WAY MONITOR SPEAKER

Description

The BES series is Superlux's latest offering designed specifically for personal studios and multi-purpose audio applications, available in two options: 3.5-inch and 5-inch models.
The BES3.5 is a 3.5-inch two-way monitor system that includes one active and one passive speaker, combining high-accuracy sound quality with flexible connectivity options. Ideal for music production, video editing, and daily listening, the BES3.5 delivers exceptional sound detail, ensuring accurate reproduction across all frequencies. Its sleek design and durable construction make it a reliable choice for various environments.
With multiple connection options, including TRS and 1/8-inch inputs, the BES3.5 easily integrates with a wide range of audio devices. Additionally, it features high and low-frequency gain and attenuation controls to better adapt to different room environments and speaker placements.

Features

- 3.5" Woofer and 1" Tweeter: Delivers powerful, deep bass and crisp, clear highs, ensuring a balanced sound across the entire frequency range.
- 50-Watt Output Power: Perfectly suited for various audio needs, ideal for both desktop and near-

field monitoring environments.

- Multiple Connectivity Options: Supports TRS and 1/8” inputs, effortlessly compatible with a wide range of audio devices.
- Rear Volume control: Convenient for users to quickly adjust volume, enhancing ease of use and overall experience.

Specifications

*Note:Specifications are subject to change.

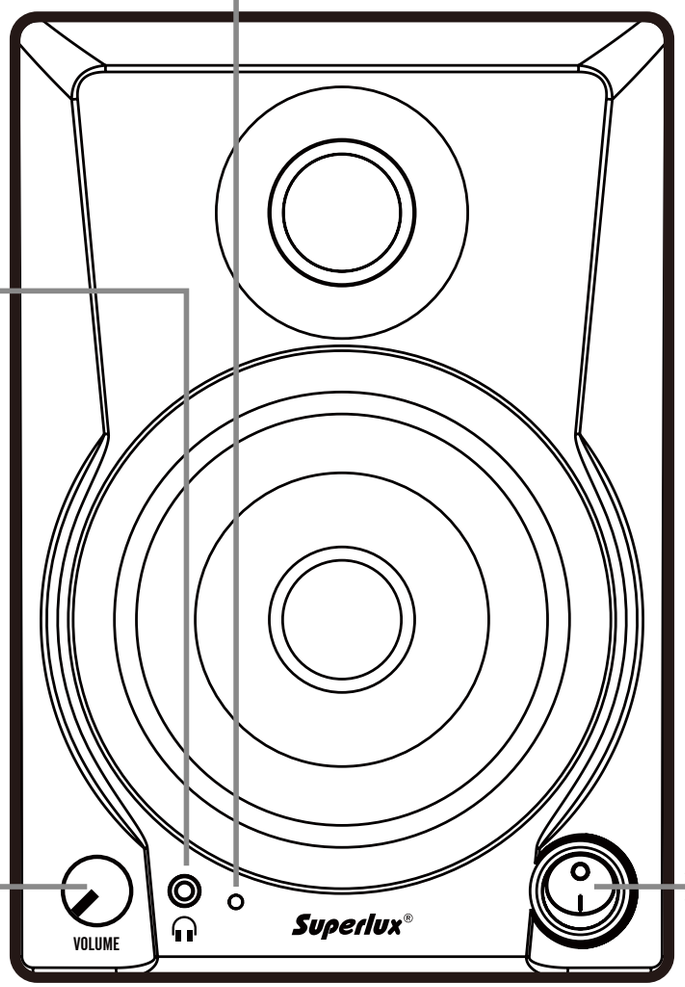
Crossover Frequency	3 KHz
Max. SPL	100 dB SPL
Frequency Response (-3 dB)	80 - 20 KHz
Impedance	10K Ω
LF	3.5 in.
HF	1 in. Cloth Diaphragm
Enclosure Material	Wood
Input Impedance	Bal: 1/4" TRS, Unbal: RCA 1/8" Stereo
TRIM for HF	+3 dB / -3 dB
TRIM for LF	+3 dB / -3 dB
Output Power	50W
Ac Power	AC 100-240V 50-60 Hz
Dimensions	W150 × H226 × D180 mm (5.90 × 8.89 × 7.08 in.)
Net weight	4.3 kg (151.6 oz)

Exterior

Power Indicator
The green LED remains on when the speaker is powered on.

Headphone Socket
Connect 3.5mm stereo head-phones here. No sound comes out of the speakers while headphones are connected.

Volume Knob
Adjusts the overall output volume.

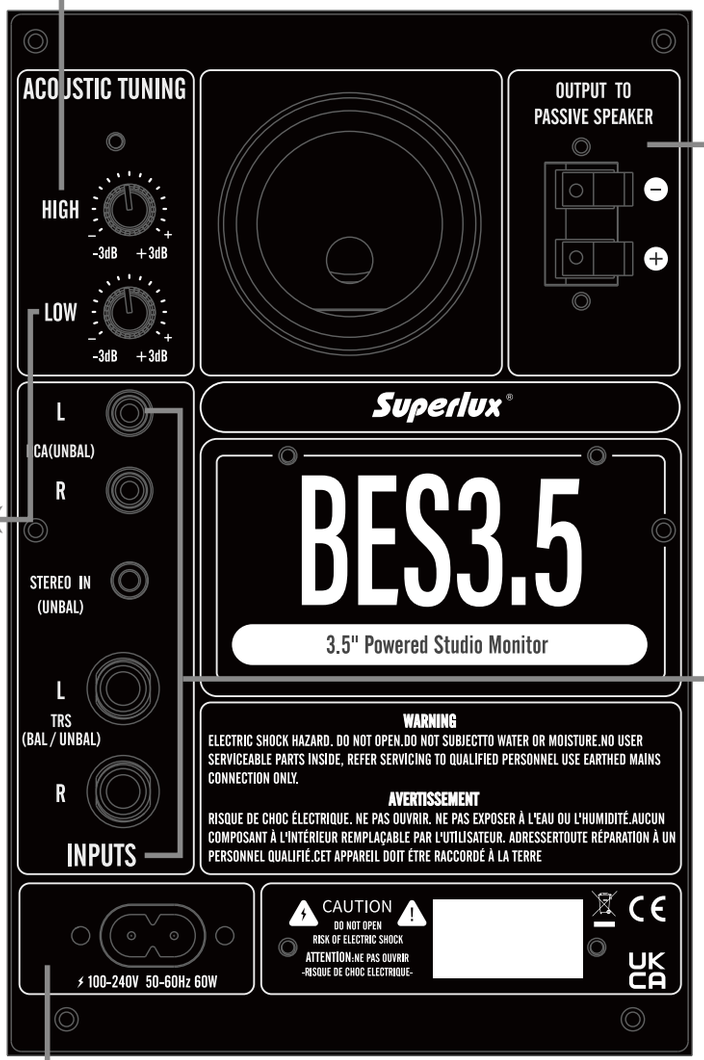


Power Switch
Turns the monitor speaker on or off. When the speak-er is powered on, the green LED remains on.

Control panel knobs and functions

Treble Tone Knob
Adjusts the high-frequency range. Turning this knob enhances or attenuates treble brightness, improving overall sound quality.

Bass Tone Knob
Adjusts the low-frequency range. Use this knob to boost or reduce bass intensity, enhancing bass impact and the sense of presence.



Output to right speaker
Connect Black (−) and Red (+) cables to transmit signals from active speaker to passive speaker.

Input
Connects line-level signals from devices such as computers, mixers, smartphones, and other audio sources.

Power Connector
Connect the included AC power cable to supply power to the unit.

BES5 5 TWO-WAY MONITOR SPEAKER

Description

The BES series is Superlux's latest offering designed specifically for personal studios and multi-purpose audio applications, available in two options: 3.5-inch and 5-inch models.
The BES5 is a 5-inch two-way monitor system that includes one active and one passive speaker, combining high-accuracy sound quality with flexible connectivity options. Ideal for music production, video editing, and daily listening, the BES5 delivers exceptional sound detail, ensuring accurate reproduction across all frequencies. Its sleek design and durable construction make it a reliable choice for various environments.
With multiple connection options, including TRS and 1/8-inch inputs, the BES5 easily integrates with a wide range of audio devices. Additionally, it features high and low-frequency gain and attenuation controls to better adapt to different room environments and speaker placements.

Features

- 5" Woofer and 1" Tweeter: Delivers powerful, deep bass and crisp, clear highs, ensuring a balanced sound across the entire frequency range.
- 100-Watt Output Power: Perfectly suited for various audio needs, ideal for both desktop

and near-field monitoring environments.

- Multiple Connectivity Options: Supports TRS and 1/8” inputs, effortlessly compatible with a wide range of audio devices.
- Rear Volume control: Convenient for users to quickly adjust volume, enhancing ease of use and overall experience.

Specifications

*Note:Specifications are subject to change.

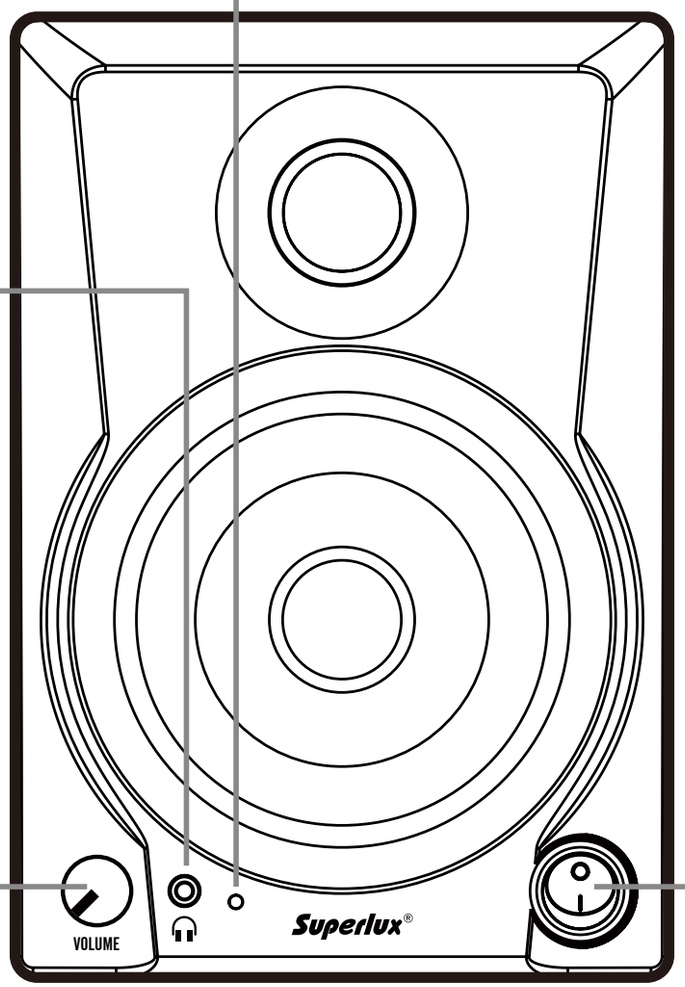
Crossover Frequency	3 KHz
Max. SPL	105 dB SPL
Frequency Response (-3 dB)	60 - 20 KHz
Impedance	10K Ω
LF	5 in.
HF	1 in. Cloth Diaphragm
Enclosure Material	Wood
Input Impedance	Bal: 1/4" TRS, Unbal: RCA 1/8" Stereo
TRIM for HF	+3 dB / -3 dB
TRIM for LF	+3 dB / -3 dB
Output Power	100W
Ac Power	AC 100-240V 50-60 Hz
Dimensions	W175 × H260 × D230 mm (6.88 × 10.23 × 9.05 in.)
Net weight	6.7 kg (236.3 oz)

Exterior

Power Indicator
The green LED remains on when the speaker is powered on.

Headphone Socket
Connect 3.5mm stereo headphones here. No sound comes out of the speakers while headphones are connected.

Volume Knob
Adjusts the overall output volume.



Power Switch
Turns the monitor speaker on or off. When the speaker is powered on, the green LED remains on.

Control panel knobs and functions

Treble Tone Knob
Adjusts the high-frequency range. Turning this knob enhances or attenuates treble brightness, improving overall sound quality.

Bass Tone Knob
Adjusts the low-frequency range. Use this knob to boost or reduce bass intensity, enhancing bass impact and the sense of presence.



Output to right speaker
Connect Black (−) and Red (+) cables to transmit signals from active speaker to passive speaker.

Input
Connects line-level signals from devices such as computers, mixers, smartphones, and other audio sources.

Power Connector
Connect the included AC power cable to supply power to the unit.

Maintenance

REMOVE THE POWER PLUG FROM THE AC OUTLET WHEN CLEANING THE DEVICE.

Handling caution

- Do not insert your fingers or hands in any gaps or openings on the vents or panel of the mixer and the ports of the speaker.
- Avoud inserting or dropping foreign objects (paper, plastic, metal, etc.) into any gaps or openings on the vents or panel of the mixer and the ports of the speaker. If this happens, turn off the power immediately.
- Do not rest your weight on the device or place heavy objects on it, and avoid use excessive force on the buttons, switches or connectors.
- Do not use the speakers for a long period of time at a hiht or uncomfortable volume level, since this can cause permanent hearing loss. If you experience any hearing loss or ringing in the ears, consult a physician.
- Do not operate the device if the sound is distorting. Prolonged use in this condition could cause overheating and result in fire.
- Do not pull on any attached cable, such that of a microphone. Doing so may cause the speaker to topple, and result in damage or in injury.

TO AVOID THE POSSIBILITY OF MALFUNCTION OR DAMAGE TO THE PRODUCT, FOLLOW THE NOTICES BELOW.

Handling and Maintenance

- Do not expose the device to excessive dust or vibration, or extreme cold or heat (such as in direct sunlight, near a heater, or in a car during the day) , in order to prevent the possibility of panel disfiguration, unstable operation, or damage to the internal components.
- Do not place vinyl, plastic or rubber objects on the device, since this might discolor the panel.
- When cleaning the device, use a dry and soft cloth. Do not use paint thinners, solvents, cleaning fluids, or chemical- impregnated wiping cloths.
- Avoid setting all equalizer controls and LEVEL knobs to their maximum. Depending on the condition of the connected devices, doing so may cause feedback and may damage the speakers.

PRECAUTIONS

PLEASE READ CAREFULLY BEFORE PROCEEDING
***Please keep this manual in a safe place for future reference**

WARNING

Always follow the basic precautions listed below to avoid the possibility of serious injury or even death from electrical shock, short-circuiting, damages, fire or other hazards. These precautions include, but are not limited to, the following:

Power supply / Power cord

- Do not place the power cord near heat sources such as heaters or radiators, and do not excessively bend or otherwise damage the cord, place heavy objects on it, or placeit in a position where anyone could walk on, trip over, or roll anything over it.
- Use only the supplied power cord.
- Check the electric plug periodically and remove any dirt or dust which may have accumulated on it.

Do not open

- This device contains no user-serviceable parts. Do not open the device attempt to disassemble the internal parts or modify them in any way. If it should appear to be malfunctioning, discontinue use immediately and have it inspected by qualified Superlux service personnel.

Water warning

- Do not expose the device to rain, use it near water or in damp or wet conditions, or place on it any containers (such as vases, bottles or glasses) containing liquids which might spill into any openings. If any liquid such as water seeps into the device, turn off the power immediately and unplug the power cord from the AC outlet. Then have the device inspected by qualified Supelrux service personnel.
- Never insert or remove an electric plug with wet hands.

Fire warning

- Do not put burning items, such as candles, on the unit. A burning item may fall over ad cause a fire.

If you notice any abnormality

- When one of the following problems occur, immediately turn off the power switch and disconnect the electric plug from the outlet. Then have the device inspected by Superlux service personnel.
- It emits unusual smells or smoke.
- Some object has been dropped into the instrument.
- There is a sudden loss of sound during use of the device.

Included



2M
Red-Black Speaker Cables



1.5M
3.5mm Stereo Audio Cable



1.2M
AC Power Cable

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