

380mm 15" 400W Active Subwoofer

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## Operating Instructions



Powered by an internal amplifier, this 15" active subwoofer provides deep sub bass for PA speaker systems. The heavy duty bass reflex cabinet makes it perfect for band PAs or DJs. Equally at home in fixed or mobile PA systems. Features adjustable output level and low-pass filter. Includes top hat. Suitable for floor or wall mounting.

## Control Elements

### 1. Input Connector

Electronically balanced inputs accept a standard XLR male connector. Pin1=ground. Pin2=positive.

Pin3=negative.

### 2. Link Output Connector

Electronically balanced inputs accept a standard XLR male connector. Pin1=ground. Pin2=positive.

Pin3=negative.

### 3. Level adjustment

Can adjust volume

### 4. Crossover adjustment

Adjust low pass crossover in the range from 50Hz to 250Hz.

### 5. Phase switch

Switch between 0 degrees and 180 degrees phase adjustment to adjust audio performance depending on where your subwoofer is located in relation to other speakers.

### 6. Power LED

The LED lights after turning on the power of subwoofer.

### 7. Phase LED

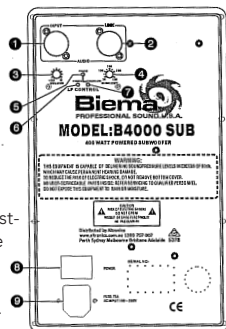
Displays when 180 degree phase mode is activated.

### 8. Power

Use the power switch to put the subwoofer into operation.

### 9. Mains

Accepts 240V mains input. Only replace blown fuses with fuses of an identical rating.



## Specifications

### Speaker Complement

Frequency Response: 35Hz-500Hz

Components: Low P15W400x1

Impedance: 4Ω

Long Term Power (RMS): 400W

Power Peak: 800W/5min

Sensitivity: 99dB (2.83V/m)

Maximum SPL: 127dB

### Amplifiers

Power RMS: 400W@4Ω 1% THD

Limiter: opto controlled

LPF: 50Hz-250Hz -3dB 24dB/oct attenuation

### Audio Inputs

XLR & 1/4TRS connector:

Balanced

Sensitivity (line): 0.775V

### General

Power Supply: 180V/260V

50-60Hz

Dimensions: 670H x 445W x

365Dmm

Net Weight: 29.1kg

Gross Weight: 31.7kg

## Connections

### 1. Mains Connection

Use the enclosed power cord to connect your subwoofer to the mains. To avoid ground loops both speaker and mixing console should be fed from the same outlet.

### 2. Audio Connections

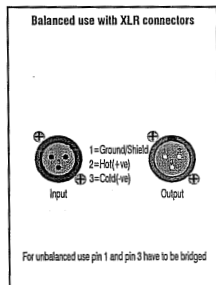
Always use the balanced XLR Input of your subwoofer

### 3. Audio Connections to mixing console

The standard application of the subwoofer is the direct connection of one speakers to one mixing console. Connect the input of each subwoofer to one main output of your console. The input of the subwoofer are on balanced XLR connectors. To avoid interference and hum we recommend that you use balanced XLR cables. When the two loudspeakers have been connected as described above turn down their VOLUME controls to zero, then switch on the speakers using the POWER switch 8.

### 4. Direct audio connection to a stereo signal source

Two subwoofers can be used to play back a stereo signal source, e.g. a CD, DVD player. In this case, each Subwoofer must be connected to one output of the signal source. Here, too you should turn down all VOLUME controls before you switch on the speakers.



## CAUTION

**TO PREVENT ELECTRIC SHOCK DO NOT REMOVE COVER OR BACK. NO USER SERVICEABLE PARTS INSIDE REFERS SERVICING TO QUALIFIED SERVICE PERSONNEL.**

**MAGNETIC FIELD:** Do not locate sensitive high-gain equipment such as preamplifiers or tape decks directly above or below the unit. Because this amplifier has a high power density, it has a strong magnetic field, which can induce hum into unshielded devices that are located nearby. The field is strongest just above and below the unit. If an equipment rack is used, we recommend locating the amplifier(s) in the bottom of the rack and the preamplifier or other sensitive equipment at the top.



The lightning bolt triangle is used to alert the user to risk of electric shock



The exclamation point triangle is used to alert the user to important operating or maintenance instructions.



To reduce risk of electric shock, do not expose this equipment to rain or moisture!