

Owner's Manual

Flatbox® M series



Audio for Life
since 1979

The information contained in this manual is subject to change without prior notice. The most current version of this manual is available on our official website at: www.dls.se

Introduction

Thank you for buying a DLS speaker system. Please read this manual fully before unpacking and installing the product. It will help you to optimise the performance of your speakers.

Unpacking and maintenance

Your speaker should be treated with the same care you would treat a piece of furniture. Use only a piece of soft cloth and a small quantity of warm soap water to clean the loudspeakers. Avoid touching the cone of the bass unit or treble dome since this may leave a finger mark or even damage the dome and spoil its performance. After unpacking, we suggest you retain all packing material for future transports.

Running-in period

The performance of the speaker will change subtly during the listening period.

Please allow your new speakers to play about 100 hours of music at normal listening level before doing any critical listening.

Room positioning

The performance of a loudspeaker system in a room varies with placement. Ideal positioning of the speakers are 2-3 metres apart and preferably at least 0.5 metres away from side walls. The speakers must be installed hanging on the wall. You will experience the most accurate sound picture if you listen from a position halfway between the loudspeakers, and 3 to 4 metres away. Objects in the direct sound path can disturb the coherence of the sound picture. Try out different positions before deciding on a final arrangement. Mounting height in level with your ears gives the best sound performance.

Front cloth panel

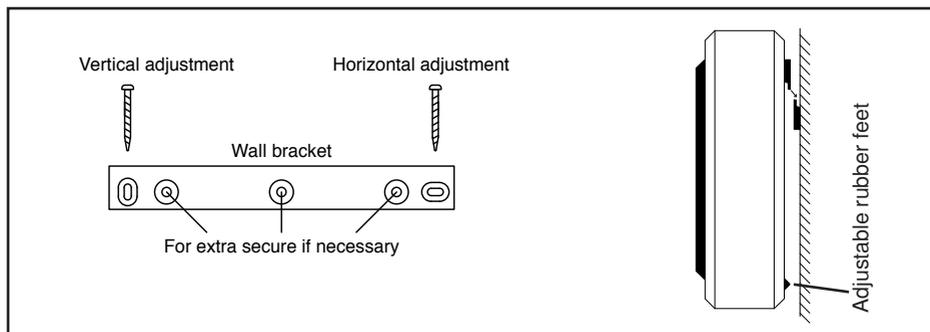
All Flatbox speakers comes with both a black and an off- white cloth front. The fronts can be removed, by gripping the 2 mm straight edge in top / bottom with your fingers, and pull out. Choose the color that best matches your room interior. For best sound performance the front cloth must be mounted.

Mounting

The Flatbox M-series speakers are designed for hanging on the wall, vertically or horizontally. A wall bracket is included with the speaker. The wall bracket is attached on the wall as in the drawing below. Mount the speaker box in a way that allows a free air flow from the port / ports.

NOTE!

All On-wall speakers must be installed hanging **on** the wall. The best sound performance of these speakers is obtained when they are wall mounted.



Horizontal mounting for use as centre speaker

The Flatbox M-series speakers mounting bracket can be removed from it's original position and remounted for horizontal mounting of the speaker. By doing so you can use the speaker as a centre speaker in a 5.1 or 7.1 configuration.

Connections

We recommend the use of cable of high quality. To reduce the effect the cable has on the speaker.

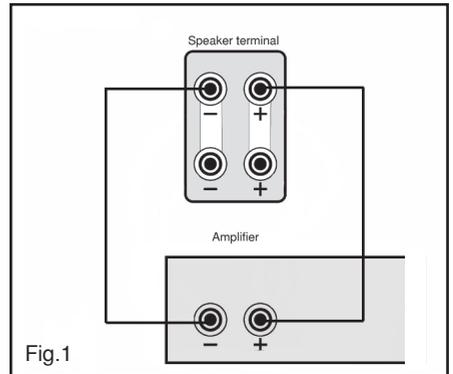
Ask your dealer for the best cable for your needs.

Make sure to turn off all amplifiers before connecting your new speaker to your Hi-Fi system.

There are different ways to connect the speakers to your amplifier, these are described here:

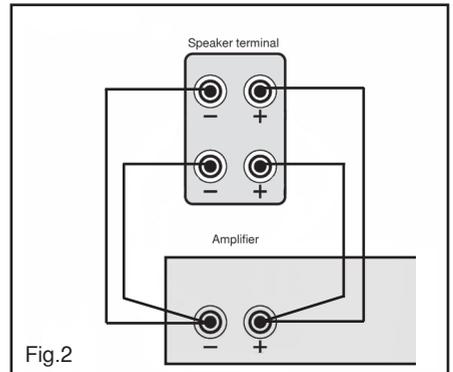
1. Single wire connection to the bi-wiring terminals

When connecting with single wiring, do **NOT** remove the connectors between low and high sections of the terminal and connect to the upper terminals as in figure 1.



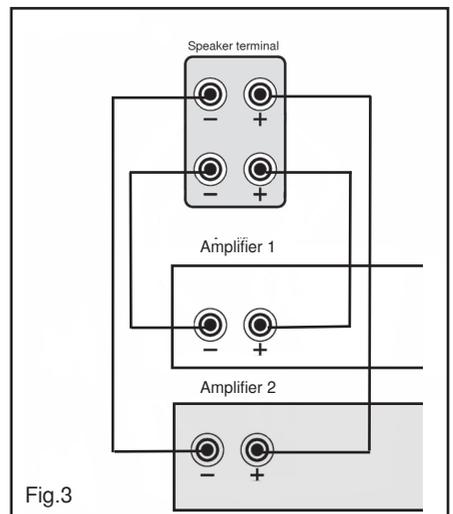
2. Bi-wiring connection

This requires two cables for each speaker and gives an audible improvement. Remove the connectors between low and high sections of the terminal and connect according to figure 2.



3. Bi-amp connection

This requires two cables for each speaker connected to separate amplifiers or amplifier channels. This gives an audible improvement thanks to the higher impedance load (8 ohm) on each amplifier resulting in increased damping factor. Remove the connectors between low and high sections of the terminal and connect according to figure 3.



Caution!

If you hear distortion when you increase the volume this is normally a sign of overloading the amplifier and you should immediately reduce the output level. Use of loudness, bass or treble boost increases the risk for harmful distortion in the amplifier. We recommend that you use these controls with care.

Service

Should your DLS loudspeaker system require service, or if you have difficulty in achieving the fine performance of which your DLS loudspeaker system is capable, consult your DLS dealer. Your dealer has the knowledge required to provide expert advice and assistance. In case the DLS dealer is unable to assist you, you are welcome to contact the DLS Technical Department at: info@dls.se.

Warranty conditions

This product is covered by warranty, depending on the conditions in the country where it is sold.

If the speaker is returned for service, please include the original dated receipt with the product.

This warranty is valid only in the country of purchase, to the original purchaser and is non-transferable.

DLS loudspeakers are music listening devices and should be used for listening purposes only. They must not be connected to any other equipment than amplifiers within the specified power range.

DLS cannot be held responsible for damage or injuries caused by improper use, or use in violation with the recommendations in this leaflet.

Technical data

Please visit: www.dls.se



Marking by the "CE" symbol indicates compliance of this device with the EMC (Electromagnetic Compatibility) and LVD (Low Voltage Directive) standards of the European Community



This product must be returned to the separate collection system for electronic products. Do not dispose this product together with general household waste.

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