

Owner's manual

DP-1



## Placement

As a starting point, we suggest you initially position the DP-1's 3 feet from the back wall and 4 feet from the side wall.

Angling the speakers 10 degrees to the back wall will reflect the generated sound off your back and side walls, which will give you the acoustic impression of a much larger room.

Also remember that a dipole speaker emits virtually no sound from the side. You can take advantage of this trait to cancel reflections from the side wall by varying the toe-in angle.

## General tips for setting up speakers

### Stereo triangle

You can use the stereo triangle as a good rule of thumb when placing your speakers. This means the distance between the speakers should be the same as the distance from your listening position to both speakers; in other words an equilateral triangle.

### Damping

If your room...

- a) doesn't allow you to get the speakers the required distance from the back and side walls or...
- b) has highly reflective surfaces (i.e. glass windows or bare plastered walls) or...
- c) still doesn't sound quite right

...we strongly recommend that you 'damp' your room's critical surfaces. This can be done simply by adding curtains, furniture, bookshelves and so on. A damped surface is almost always preferable to a hard reflective surface. Be careful not to over-dampen your room, this will result in a very 'dead' and less dynamic environment.

Depending on the placement of the speakers, room size, sound reflecting surfaces, furniture, etc, it is entirely up to you how you fine-adjust the placement, angling and damping. Remember to take your time and use your ears.

## Connecting

When connecting the DP-1s, always connect "+" and "-" from the amplifier to the corresponding "+" and "-" terminals on the DP-1 input. Connect your BassDirect speakers the same way to avoid phase errors.

## Spikes

After the initial placement of the speaker, you might consider using the supplied metal point spikes to give them optimal support. To fix them on, we recommend that you gently lay the speaker on one side and screw in all four spikes together. Before you do this, however, be sure to place a couple of thick towels or similar underneath the side of the speaker. This will prevent accidental scratching to the surface of the speaker.

After screwing in the spikes, gently bring the speaker to its vertical position. Once upright simply adjust the spikes to give optimal support. Using the spikes will give the very best support and sound quality. If you want to spare your floor surface from being punctured however, you can use the supplied rubber spikes instead.

Whichever option you choose, avoid "walking" the speakers if you need to move them to a different position... especially on hard wood floors!

## RoomPerfect

If you have a Lyngdorf product with RoomPerfect you can now run the program.

## Cleaning

Please use a dust-free cloth to clean the speakers. It is also possible to use a slightly damp cloth for more stubborn marks.

Under no circumstances should you use any kind of cleaning agent on, or in close proximity to, these speakers.

## Specifications

Product	DP-1
High frequency driver	1" Soft Dome
Woofers/midrange driver	6.5"
Crossover frequency	2.2 kHz
Frequency response	300 - 22 kHz
Sensitivity (2.83V/1m)	89dB
Nominal Impedance	4 Ohm



## Technical Assistance

For latest version of this document please check the Lyngdorf Audio website.

If you have any problems with or questions regarding your Lyngdorf Audio product, please contact your nearest Lyngdorf Audio representative or:

Lyngdorf Audio ApS  
Denmark

E-mail: [info@lyngdorf.com](mailto:info@lyngdorf.com)  
Web: <http://www.lyngdorf.com>



[www.lyngdorf.com](http://www.lyngdorf.com)