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## Life is on

We are sensitive to the needs of everyone who depends on our knowledge, ideas and care. And by creatively challenging the limits of technology, we develop innovations that help people hear, understand and experience more of life's rich soundscapes.

**Interact freely. Communicate with confidence.  
Live without limit. Life is on.**

# Dynamic SoundField

A new era in intelligent room amplification



**PHONAK**

life is on



## Amplification with intelligence

When running training sessions or making presentations, it is crucial that the audience can hear and clearly understand the speaker's voice. However this is not always the case.

Background noise and large room sizes can often make listener comprehension difficult, while imperfect room acoustics can cause a lot of echo, which makes listening both difficult and tiring. Even in the case of rooms and halls that already feature a public address (PA) system, such technologies are rarely optimized to transmit those all-important speech sounds clearly, without having to raise the system's overall volume and risk screeching feedback.

So what if there was a portable wireless speech amplification system that overcame all of these factors? A system that intelligently and automatically adapted its sound output and its settings to suit the specific noise environment of any room? Now there is. Its name is Dynamic SoundField by Phonak, the global hearing experts.

This revolutionary system amplifies the speaker's words at exactly the volume level and frequency band required to optimize speech intelligibility. There is no complex or expensive installation required, no settings to configure, and the system's output volume never reaches high enough to annoy listeners or cause feedback.

With Dynamic SoundField listeners simply hear the words they need to hear, comfortably and without distraction.

### Who is Phonak?

Phonak is the world leader in state-of-the-art hearing systems and wireless devices. Our expertise in hearing technology and acoustics allows us to significantly improve people's hearing ability and speech understanding, and therefore their quality of life. Phonak is based near Zurich, Switzerland, and is a member of Sonova Group.



## Real benefits

- Comfortable listener experience
- No speaker repetition required
- No feedback or echo
- Free and simple installation
- Reduced speaker vocal strain

## The perfect choice for

- Meeting rooms
- Seminar and training rooms
- Auditoriums
- Boardrooms
- Hotels
- Leisure centers
- Control rooms
- And more...

### Dynamic SoundField and FM

Does your audience include hearing-impaired people who use personal FM technology? Dynamic SoundField's microphone can transmit to these listeners at the same time as amplifying speech to those with normal hearing.



## The Dynamic SoundField difference

Phonak's engineers and audiologists designed our Dynamic SoundField system to address each of today's amplification system issues.

Comprising the DigiMaster loudspeaker and inspiro transmitter, this digital system helps listeners hear and understand presentations more easily than ever before, while speakers and technical staff love its portability and ease of use.

### Unique "line source" loudspeaker unit

Phonak's DigiMaster loudspeaker array offers high directionality and creates far less problematic reverberation than any existing PA system. The DigiMaster transmits a clean, high-quality signal using just one or two speakers per room (depending on the room's size).

### Fully automated settings

With Dynamic SoundField there is no need for presenters or audio-visual staff to monitor and adjust frequency settings and volume levels. Instead the system automatically measures the room's noise level and optimizes its own configuration, ensuring the delivery of speech remains loud and clear by finding the best ratio between the speaker's speech signal and the room's background noise. Just plug in, turn on and present.

### Digital sound quality

Dynamic SoundField transmits its signals digitally, automatically changing frequencies when required in order to eliminate potential interference caused by a building's existing WiFi and Bluetooth networks. The system does not need allocating a particular channel, there are no sound 'dead spots', pairing is simple, and there is no limit to the number of license-free systems that can be used on one site.

### Reassuringly future-ready

Dynamic SoundField is 100% future-proof as both its inspiro transmitter microphone and DigiMaster loudspeaker unit feature USB connectors for downloading free internet updates.



*DigiMaster loudspeaker*



*inspiro transmitter*

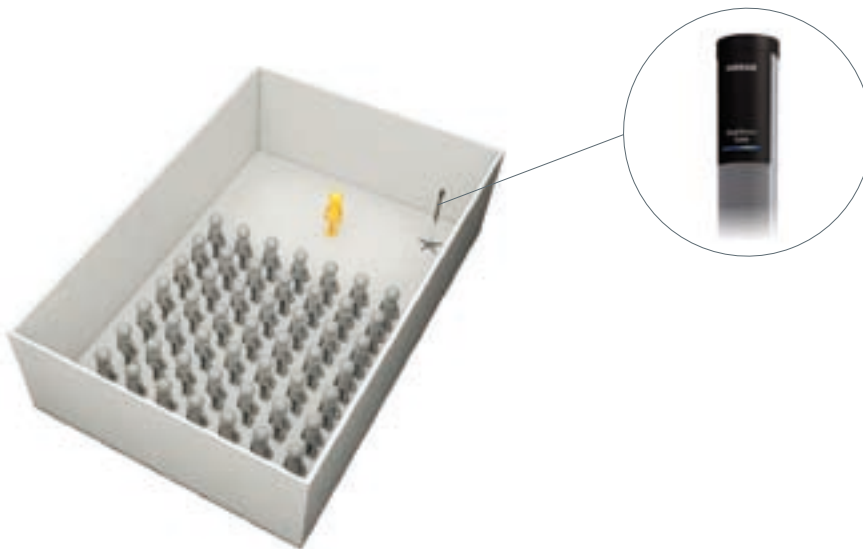


## System options

### For normal-sized rooms

For regular training rooms, classrooms and boardrooms, Phonak's DigiMaster 5000 system fits the bill perfectly. Featuring one portable DigiMaster loudspeaker (available with floor stand or wall mount) and wearable inspiro speaker transmitter, this system offers the ultimate in instant sound performance.

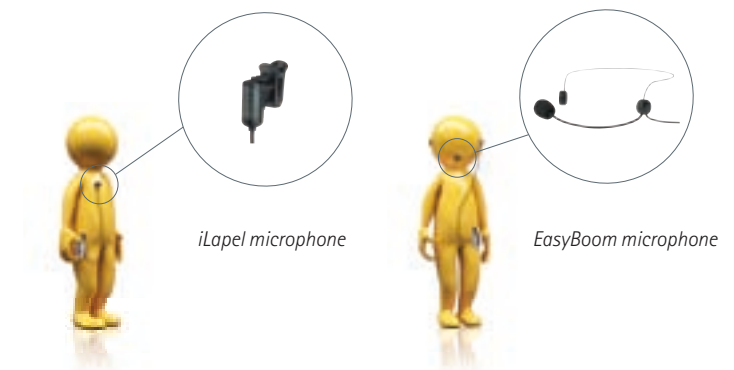
Loudspeakers:	1 DigiMaster 5000
Transmitters:	minimum 1 inspiro (up to 10 transmitters possible)
Microphones:	choose EasyBoom or iLapel
Room size:	up to 100 m <sup>2</sup> / 1076 ft <sup>2</sup> (up to approx. 100 listeners)



*Recommended configuration for regular sized rooms*

### Choosing your microphone

Two microphones are available for the primary speaker to use with their inspiro transmitter: the head-worn EasyBoom and shirt-worn iLapel. For the best sound performance, choose EasyBoom. For increased simplicity and flexibility, choose iLapel.



*iLapel microphone*

*EasyBoom microphone*

**For larger rooms**

For larger seminar rooms, conference rooms and small auditoriums, Phonak's DigiMaster 7000 is the Dynamic SoundField of choice. This double loudspeaker system can cover more than double the area of one DigiMaster 5000 with sound. (DigiMaster 7000 loudspeakers can be wall mounted or supplied with floor stands.)

Loudspeakers:	2 DigiMaster 7000
Transmitters:	minimum 1 inspiro (up to 10 transmitters possible)
Microphones:	choose EasyBoom or iLapel
Room size:	up to 300 m <sup>2</sup> /3230 ft <sup>2</sup> (up to approx. 300 listeners)

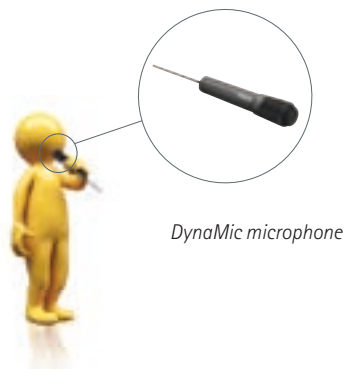


*Recommended configuration for square rooms*

*Recommended configuration for long rooms*

**Extra presenters? No problem...**

If you have additional presenters or you want to amplify listener questions, simply use DynaMic, Phonak's handy passaround microphone. This works seamlessly with Dynamic SoundField over inspiro's built-in MultiTalker Network. Up to ten speaker transmitters (inspiro or DynaMic) can be used with every Dynamic SoundField system.



## Compatible with whiteboards and more

If you already use an interactive whiteboard or screen in your training or conference room, you'll already know the great visual benefits and interactivity this brings. Now you can add Dynamic SoundField to the mix for an equally revolutionary sound solution.

Simply connect your whiteboard-connected computer, other interactive screen or multimedia device to the DigiMaster using a standard audio cable. The result is a high-performance system that intelligently amplifies its audio output to ensure listeners hear and understand everything the speaker says.



### Connect more media

If you plan to use additional multimedia devices such as TVs, laptops and tablets during your presentation, simply connect these devices to the inspiro audioHub. This connects wirelessly to your DigiMaster loudspeaker(s) using Phonak's MultiTalker Network.

The result? The sound from whichever multimedia source you choose will automatically be heard through your DigiMaster loudspeaker(s) for great sound quality and optimized speech intelligibility.



