



LOUD  
OF SWEDEN



Wireless speakers for professionals



Loud of Sweden is founded by experts in the audio for public spaces industry.

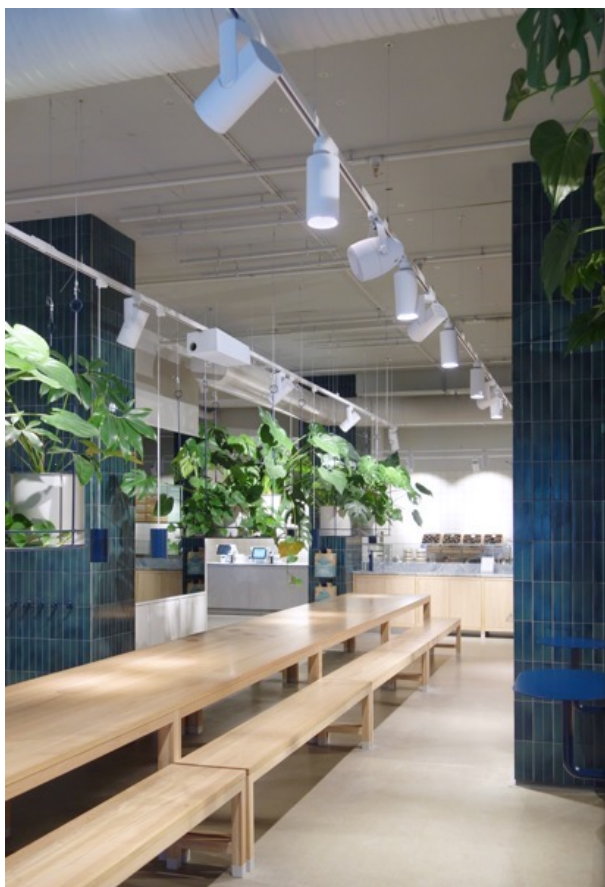
Company experience extends from technical knowledge and electronic product development to years of sales and installation services.

Our deep understanding of the market led us to develop this wireless audio system to better fit the unique needs of installation specialists in retail and hospitality environments.



# Markets

Restaurants



Retail



Hospitality





## Product Line Up

Satellite speakers



Transmitter



Transmitter (Dante)



Receiver



## Unique Selling Points



### Cost effective

Easy and flexible installation and you can move position of the speaker inside the store or when moving to new address.



### Premium sound

The sound system has a transmission of 512 kbps, which can be compared with Spotify Premium which uses 320 kbps. You will get a very good quality sound in your business.



### Long distance

Range is the best in the industry and can be easily extended with our unique repeater mode. You can extend the system as far as you like.



### Call out

Built-in announcement function makes it possible to inform the customers and staff, through the system.



### Easy to add

It's extremely easy to add speakers when needed. It is done in a snap!



### Easy installation

Installing a system takes a matter of minutes, not days. Enjoy!



### Easy to move

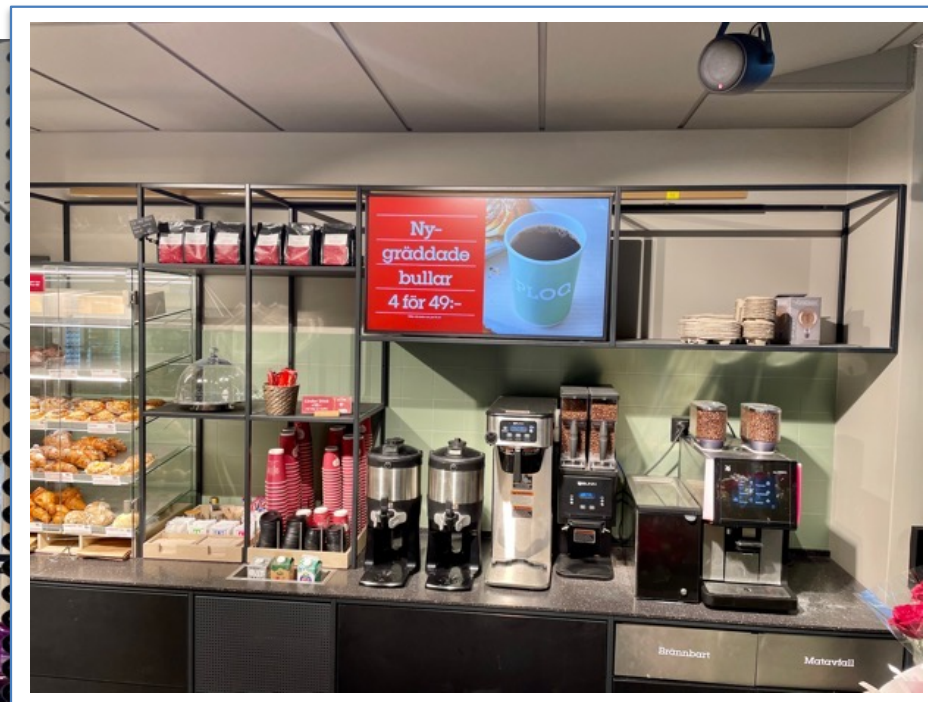
When your company grows and you need more room, this system moves with you.



### Easy to reposition

It is common for shop owners to rebuild the store after a while. This system is easy to reposition.

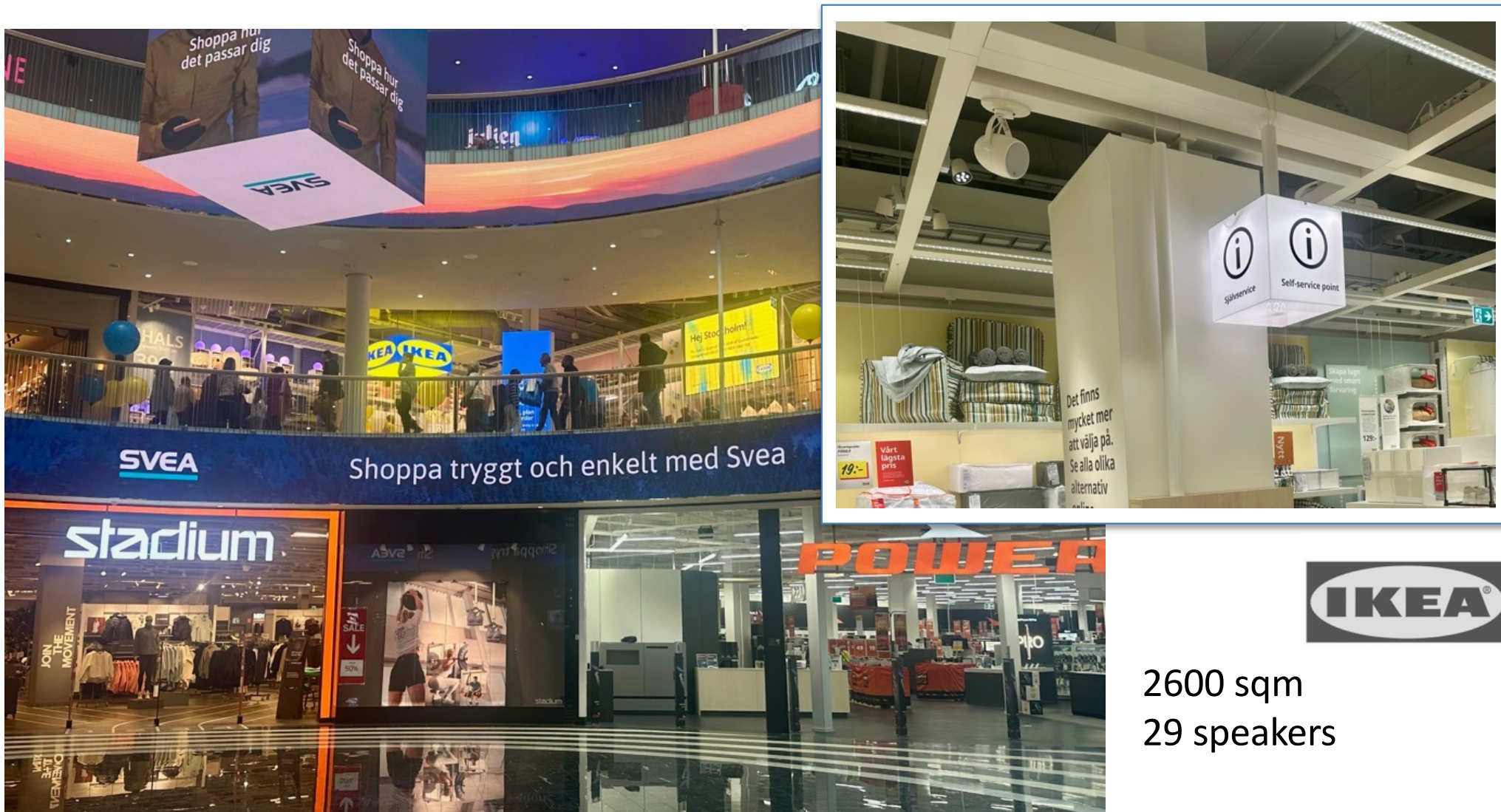
## Case study, Shell station



150 sqm  
3 speakers



## Case study, IKEA



2600 sqm  
29 speakers

## Transmission





DECT

 synaptics®



## DECT module

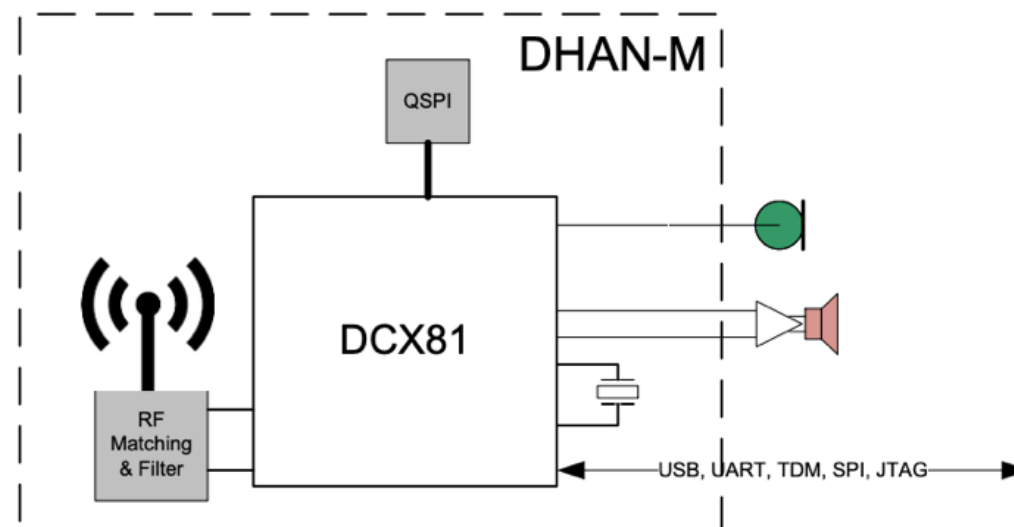


Figure 1. DHAN-M Module Block Diagram



## DECT module

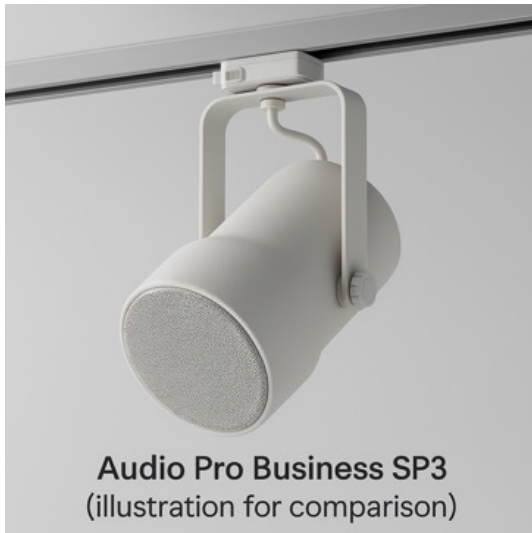


### Features

- Excellent radio performance, with over 123dB system gain
- Allows for a second antenna to be used externally.
- Radio covers all regional DECT bands.
- Radio is fully compliant with ETSI DECT and ULE standards and has FCC & CE certification
- Compact module footprint of 27.2x15.2x3.3mm (including the RF shield height)
- Operating temperature spanning -40°C to 85°C

## DECT users

**RENESAS**



Spottune Omni (illustration for comparison)



Illustrations for comparison

# Transmission test

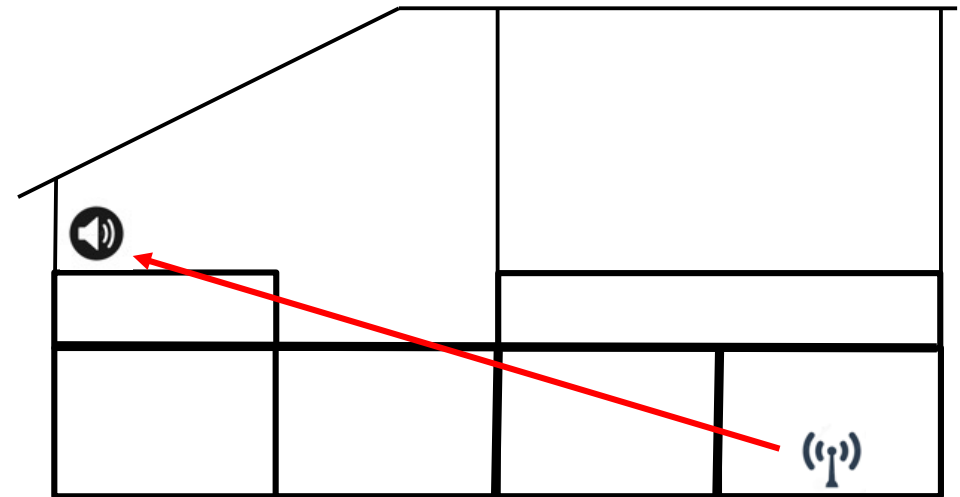
Outdoor in line of sight 280m



The distance test in line of sight is performed Outdoors, in line of sight and is measured with a Bushnell V5 range finder.



Indoor as in pic 40m  
Indoor in line of sight 140m

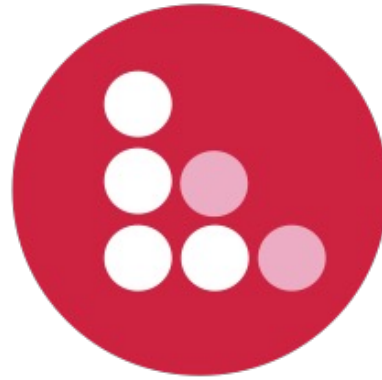


The distance test indoor is performed with dense material like steel and concrete, between two floors diagonally. In both cases the speaker is kept in one place and the transmitter is moved.



Is this the next step for us?





L O U D  
O F S W E D E N

Simply sound..

