



SOUND MASKING FOR HOSPITAL

Discretion at the bedside

What is discussed at one bed is no longer intelligible at the next.



Quell Masker in a multi-bed room

THE PROBLEM

No noise distracts like a conversation you can understand.

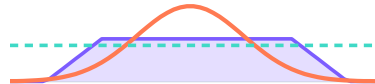
On a ward, beds, reception and the doctor's round sit close together. What is discussed at one bed is heard at the next.



A ward round at one bed, overheard at the next

- Shared rooms and corridor stay apart
- Calm for patients instead of a constant level
- Retrofits while the ward stays open

What happens in the room



- Speech from the next conversation
- Quell's masking signal
- What arrives: a calm room

Quell lifts the baseline exactly where speech becomes intelligible — and no further. The room does not get louder; the words stop making sense.

THE DEVICES

Two devices, one job.



Quell Masker

Generates the masking signal and radiates it through the surface it stands on. A closed housing with no speaker grille — it disappears into the room.



Quell microphone satellite

Measures the level where it matters and reports it to the masker. It analyses frequencies and measures loudness — it records nothing.

Adaptive

When the room gets louder, Quell follows. When it quietens, Quell steps back. You set the volume; the device only moves within your range.

Mesh

Up to 20 devices form their own radio network. Set it up once — the floor stays in step, even when nobody adjusts anything.

Specifications

- Powered over USB-C
- Bluetooth for the app, its own radio network for the mesh
- Place it, plug it in, done — no construction, no cabling

One masker per room, one at the nurses' station — retrofittable during operation, with no work on the building fabric.

Everything in hand, without tools.



- **Volume and mute** Fine steps, or jump straight to a preset.
- **Soundscape and equaliser** Change the sound and shape it to the room across eight bands.
- **Adaptive mode** Switch the automation on or off and set how far it may move.
- **Firmware updates** Install new device software straight over Bluetooth.
- **Guided setup** A wizard walks you through single device, mesh and Privacy-Glass.
- **Four languages** The app speaks German, English, French and Spanish.

The app includes a demo mode: you can try it in full before a device ever reaches you.



App Store



Google Play



More at [soundmasking.at](https://www.soundmasking.at)

Let's talk about your space.

Tell us where it is too loud or too open. We will come back with a concrete assessment — no sales loop.

Quell analyses speech frequencies and measures the level. It records nothing and transmits no conversations.