



“15 of the coolest wired and wireless earbuds we saw at CES” TechHive



## PRESS KIT

Agathe Géhin – [agathe@orosound.com](mailto:agathe@orosound.com)

## Orosound in short

Created in May 2015 by Pierre Guiu and Eric Benhaim, Orosound is a French technology startup, that employs 9 people. Its first project: [to propose a breakthrough and efficient solution to the open-office noise problem](#) -Tilde noise-filtering earphones.

Tilde is a high-tech work tool that let you [wirelessly and noiselessly](#) make phone calls, videoconferences and talk to the person in front of you. Above all else, [Tilde is the best solution to improve your well-being and productivity in noisy workplaces](#). With 8 microphones and a patented selective and directional technology, Tilde let you hear the sounds that matter and tune out the rest to [find the perfect balance between concentration and collaboration](#).



Two years after it was created, Orosound has a production capability of 5000 units/month. [Tilde earphones officially launches in January 2018 at the price of €299 tax excluded \(around \\$350\)](#).

## Why is noise an issue in the workplace?

For 8/10 professionals, background noise and sound distraction cause fatigue and attention loss. [60% say that noise clearly degrade their productivity](#) (JNA, ifop 2017).



**84%** of professionals say they are hampered by noise and it affects their concentration



Noise causes **62%** of **additional sickness absences**



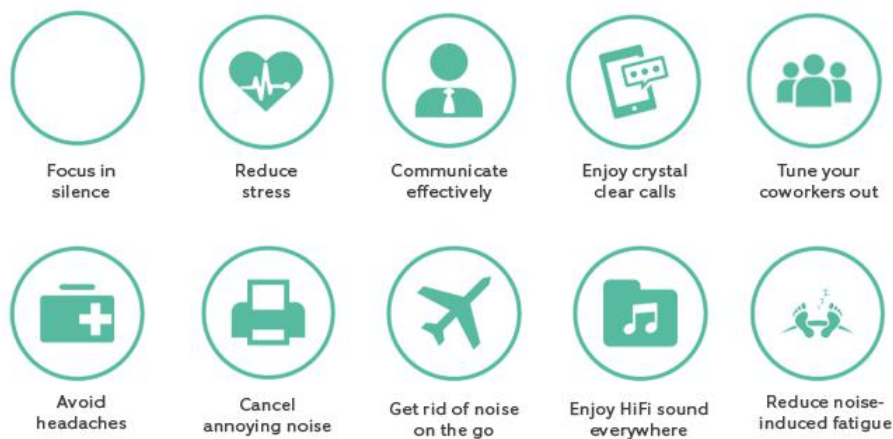
The loss of **productivity** due to noise in France: **18 Md€** per year

IFOP, 2014 | Sickness absence associated with shared and open-plan offices, 2011 | EY pour le CNB et l'ADEME, 2016

## Tilde: the best solution to improve your well-being in noisy workplaces

Tilde aims at clearly improving the life of people working in open-plan offices. The number of open-plan office layouts is distinctly increasing. Even if this environment is ideal for the exchange of information, it exposes professionals to a large range of noises that have serious consequences on health and well-being.

In addition to being an efficient work tool for professionals, Tilde earphones eliminate the fatigue and stress due to noise. They reduce the psychosocial risks and increase well-being, concentration and productivity in the office.



## Tilde: introducing the first 360° Noise-Filtering Earphones

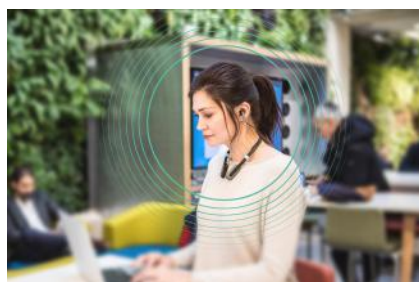


Tilde, the first 360° noise-filtering earphones, officially hits the market in January 2018.

Tilde is the best solution to improve workplace well-being in noisy offices. The breakthrough technology embedded in the earphones has already been rewarded 9 times by international organizations. With Tilde earphones, finding the perfect balance between concentration and collaboration has never been easier.

Thanks to a breakthrough selective and directional active noise control technology, Tilde earphones are the first to process noise differently according to the type of sounds they detect as well as the direction those sounds come from. Not only is their noise cancellation fully adjustable, but they can eliminate unwanted noise while enhancing the sounds the user wants to hear.

Their complex technology is intentionally hidden behind a seamless design that offers a pleasant user experience.



#### Adjustable noise-cancellation

Tilde's noise cancellation is adjustable from 0 to 30 dB, so you can concentrate in silence or stay connected to your surroundings.



#### 360° voice-filtering

Tilde filters the voice of the person who is facing you in a 60° cone while reducing ambient noise, to avoid being isolated at work & collaborate efficiently.



#### Wireless & noiseless calls

Thanks to 6 microphones dedicated to capturing voices while blocking out noise, phone calls are crystal clear for you as well as for your interlocutors.

### Datasheet

- Up to 20h battery life, 2-hour rapid charge with universal micro USB cable
- Bluetooth® 4.2, Multiple device connection, 10m range
- Voice control: quick access button to Siri® and Google Now™
- High Definition Sound : Balanced Armature speakers
- Weight < 50 grams, flexible neckband, hypoallergenic eartips
  
- Adjustable active noise control: from 0 to 30dB attenuation between 100 Hz and 10 kHz
- Directional Talk-in-Noise mode: with 12 dB SNR ratio increase in a 60° cone
- High sound sensitivity: 116 dB SPL @ 1 kHz, 100 mVrms
- Diffuse field equalized frequency response: +/- 3 dB from 10 Hz to 12 kHz
- Almost no total harmonic distortion: < 1% from 100 Hz to 10 kHz @ 94 dB SPL
- Ultra-fast noise cancellation: 192 kHz sampling

## Two co-founders that complement one another very well

The Orosound adventure started with the meeting of Pierre Guiu and Eric Benhaim at Parrot, the famous French wireless technology company. [These two engineers had the shared desire to create a high tech product to increase well-being.](#) They decided to combine their skills to create earphones that will improve the daily life of millions of people working in open-plan offices worldwide.



Pierre Guiu, co-founder and CEO

Pierre has worked for [over 10 years in consumer electronic development, specializing in noise-cancelling headphones.](#) He has already developed [15 noise cancelling headphones, put into the market by leading brands, and has seven international patents to his name.](#) He holds a Masters of Engineering from the Ecole Centrale (France) and a Masters of Science in Acoustics from the Technical University of Denmark (DTU).

Eric Benhaim, co-founder and CTO

Eric went on to obtain a PhD in Signal Processing in collaboration with Parrot. [He has published research on visual speech analysis in three journals, has presented findings at international conferences, and has filed four patents.](#) He holds an engineering degree in Computer Science & Applied Mathematics as well as a Masters of Science in Signal Processing & Machine Learning from Télécom ParisTech in France



# A startup that already won 9 rewards and has top partners

