



NXP Sound Solutions  
ultra-portable speakers  
for sharing music anytime,  
anywhere

## Ultra-portable sound panel

Designed for use with mobile phones and other handheld devices, these innovative sound panels deliver optimized stereo sound yet are small enough to fit easily into a pocket or purse.

### Key features

- ▶ Innovative, inspiring design
- ▶ Simple market delivery
- ▶ True go-anywhere portability
  - Small, lightweight format
  - Miniature speaker components with a diameter of only 13 mm
  - Low power consumption
  - Very compact design
- ▶ Scalable technology can be ported to other formats
- ▶ High-volume, high-quality manufacturing with excellent reliability

### Applications

- ▶ Mobile handsets
- ▶ Portable music players
- ▶ Gaming devices
- ▶ Portable video players

These eye-catching sound panels from NXP Sound Solutions let consumers share music and other audio content anytime, anywhere.

Folded together, they're small enough to fit into a pocket or purse. Unfolded, they deliver great stereo sound.

They are a truly distinguished sound accessory, combining innovative, inspiring package design with high-performance sound technology. They consume very little power yet deliver superior audio, creating a truly portable speaker solution for mobile phones, portable music players, gaming devices, and other mobile applications.

The core component is a miniature speaker with a diameter of only 13 mm. Using NXP LifeVibes Concert Sound software, the stereo sound can be enhanced even further.

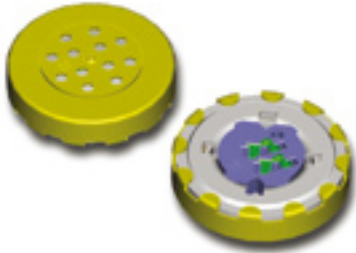
For handset and audio manufacturers, the pressure to bring increasingly smaller systems to market in less time makes it hard to optimize sound quality when speakers are integrated into the end product. In many cases, for the highest possible sound performance, an external speaker is the best approach.

For end consumers, the sound panels create a better sound experience and increase flexibility on the go. They make time spent in a hotel room, on the beach, or at outdoor activities more fun, and make it easy to share mobile music with friends.

To ensure excellent durability as well as high performance, the sound panels build on more than 75 years of leadership in acoustics and sound algorithms.

### NXP Sound Solutions

NXP Sound Solutions has produced more than two billion mobile-phone speakers and receivers and is the market leader in mini-acoustic solutions for telecom applications. With manufacturing sites and application support centers in Beijing and Vienna, NXP Sound Solutions offers fully automated, high-volume production for standard products and semi-automated or manual production for low-volume, specialty products.



The speakers used in the sound panels have a diameter of only 13 mm

<b>General</b>
Dimensions: 114 mm (Length) x 33 mm (Width) x 29 mm (Height)
Weight: approx. 130g (Full plastic cover and 4 AAA batteries)
3.5mm stereo audio jack
<b>Loudspeaker components:</b>
12 pieces 13mm loudspeakers
Sinus power handling capacity per channel: 150 mW, Music power handling capacity: 1 W
<b>Amplifier specification:</b>
Class D amplifier
4x AAA Batteries
Approx. 25h play time at average volume level
<b>Sound performance:</b>
Max. SPL: in stereo approx. 80dB in 1m distance
<b>Handling:</b>
Cable length 70mm