

## DESCRIPTION

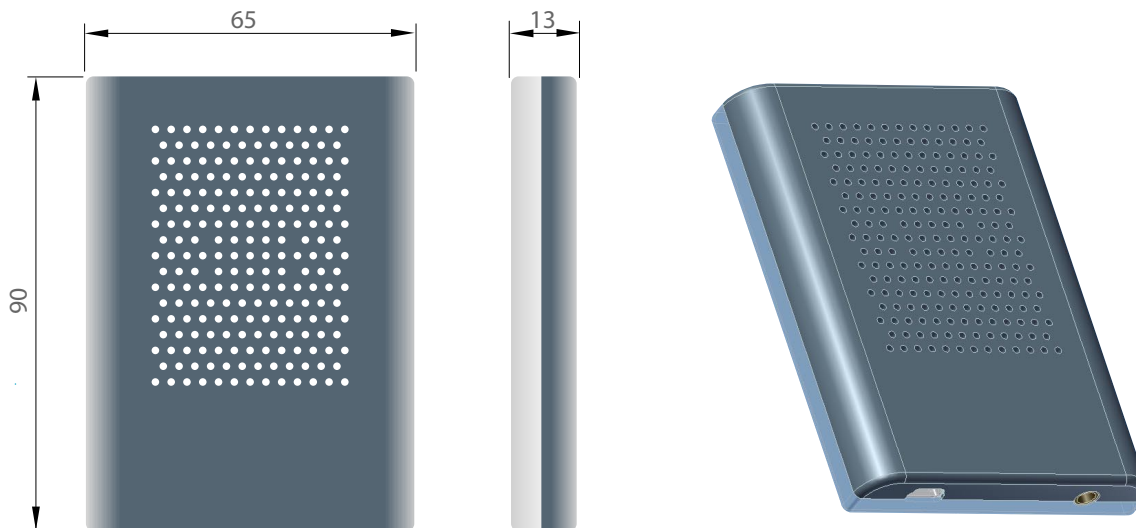
The DU6597 is a small speaker demonstration unit that consists of a piezoceramic speaker (SPS6555) and a piezo audio amplifier (PAA-MAX9788).

The **SPS-6555-03** is a polymer/metal speaker with a very flat frequency response. The use of a piezoceramic disc as the heart of the speaker does not generate an electromagnetic field and ensures EMC requirements.

The **PAA-MAX9788** is a fully differential piezo audio amplifier with a class G topology. It is designed for applications where efficiency and small dimensions are a priority and can deliver a signal up to 20Vpp at 5V.



## DIMENSIONS



<http://www.sonitron.be>

## PRESENTATION EXAMPLES



Presentation with portable PC

The DU6597 is designed for use with MP3-players and the headphone output of a portable PC.

Please note: Other outputs or signals than the music headphone output can damage the amplifier!!

The power source comes from a USB power port and delivers 5V to the piezo audio amplifier. If no USB powerport is available an adapter can be used. In this case we recommend the iPod USB Power Adapter.



Presentation with MP3-player

### Warning!!!

The DU6597 is not for sale and is for demonstration purpose only.

Other use than the described presentation examples can damage the demonstration unit.

Sonitron is not responsible for any wrong use and/or damage that is related to wrong use of the DU6597.



**Audio test samples**  
+  
**Special features**

<http://www.sonitron.be>