MAIER SOUND DESIGN

The Turtle

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The Maier Sound Turtle

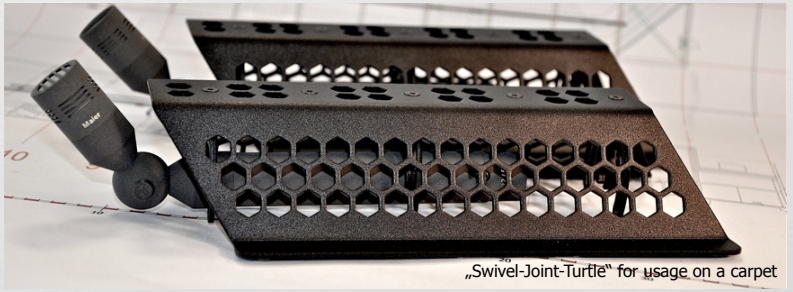
The "Turtle" is a floor microphone adapter which transforms a regular condenser microphone with a 19 – 21 mm diameter into a foot sound decoupled directional boundary microphone. The directional effect depends on the microphone capsule used.

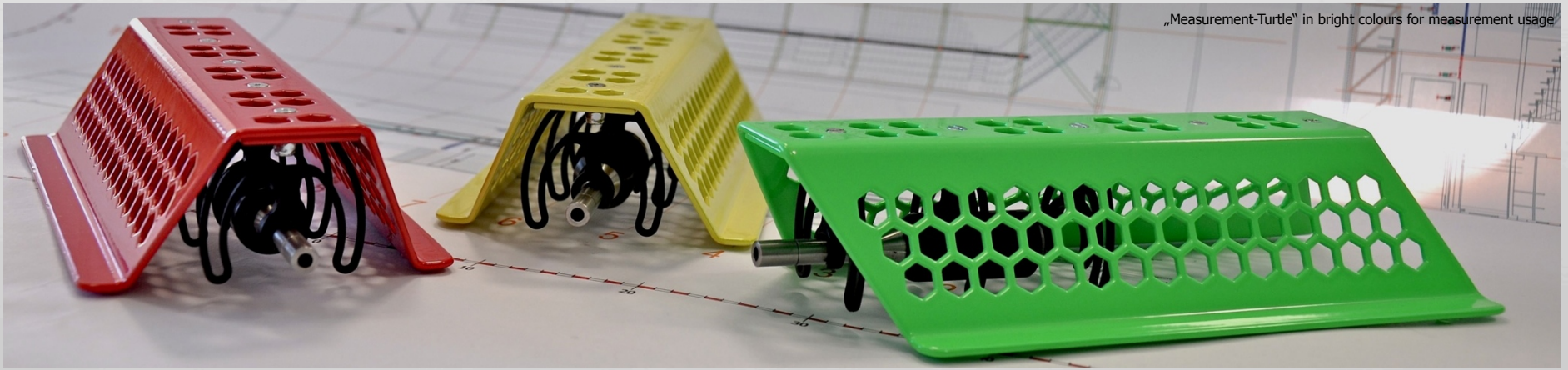
The Turtle´s "shell" consists of matt coated 2mm steel, effectively protecting the microphone from hits and kicks. In order to keep the mounting as acoustically neutral as possible while being highly stable, many hexagonal holes have been punched into the shell.

The decoupled kick protected hanging of the microphone is provided in the form of the patented "lyre" by the company Rycote. They enable the microphone to be positioned extremely close to the ground so that acoustic boundary area phenomena can be taken advantage of without exposing the microphone to direct transmissions of floor sounds.

The Turtle provides you with a tool with which to make a sensible addition to your existing microphone system. By gaining its acoustic characteristics, you end up with a type of microphone that did not previously exist.

Turtle lying on the back with AKG C 451 attached


„Swivel-Joint-Turtle" for usage on a carpet


„Measurement-Turtle" in bright colours for measurement usage

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HISTORY:

During the "Saisho Goma" production the summer of 2009, we were faced with the difficult task of having to mike up an altar. The displays and performances taking place at this altar included prayers, a water ceremony during which water was being poured from one receptacle into another, the crackling of burning small wooden sticks, barely audible murmuring with series of tones emanating from singing bowls...

...and other, similar acoustic events that required us to turn the gain right up in order to make them clearly audible. The situation on location, complete with a state-of-the-art 270i system for 4500 audience members and a traditional microphone system, made this a virtual dance on a knife edge. This required special solutions. However, there literally were no existing solutions available for this situation. More about the "Saisho Goma" production on www.maiersound.de

This required pioneering work. We had high quality microphones with a large variety of capsules. All that was missing was an appropriate was of installing them. The way the microphones were to hang had to be acoustically neutral "kick sound" decoupled and extremely stable as well as allowing for a near-boundary-area-style mic positioning. While not relevant for the sound, but still important to us were additional criteria such as high-quality finish, a discreet look as well as classy and classic packaging in a wooden container.

And here is the result!

We rolled out the event with the freshly developed Turtle – and it was a great success! The "Saisho Goma" production was awarded the BEA Tech Award 2010 for its technically adavanced implementation of the whole creative production plan.

The Maier Sound Turtle has since been patented.

We are more than happy to send you a few Turtles for testing.

Turtle with Neumann KM 184

Turtle with Sennheiser MZH3015 and ME35/ME36

Turtle in classic wooden container

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Should this have whetted your appetite, why not pay us a visit on

www.maiersound.de

in order to find out more about our portfolio and our services.

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