

Crystal-clear Sounds

Out-of-the-ordinary technical solutions call for two things: creativity and know-how. Glas Platz's technical specialists and engineers combined both of these in developing a glass loudspeaker that is a delight technically, acoustically and optically. "Magic Sound" reduces the principle of the loudspeaker to its essential elements: a 27 millimeter flat glass sheet as the resonator and an exciter are all that are required. And the power supply is elegantly dealt with. It is kept out of sight by using a conductive glass membrane on the rear side of the completely transparent loudspeaker.

The sound source is a 0.3 millimeter thick glass membrane made of Schott's D 263 T coated thin glass. This low-alkali borosilicate thin glass substrate is notable amongst other things for its very great flexibility and flatness, properties which give the glass loudspeaker its crystal-clear sound. "Magic Sound" is superior to conventional loudspeakers on many points. The flat glass membrane ensures a more uniform volume distribution in the room with considerably better audibility. The diffuse sound radiation ensures that the sound can be heard clearly in every corner of the room and that it is well balanced even when the listener is not positioned head on, but is listening with the speakers to his or her side. These outstanding properties make the loudspeaker of interest not only to demanding hi-fi enthusiasts, but also for commercial properties.

IF Design Award 2000

The shape of "Magic Sound", which is simple and spectacular in equal measure, captivated the jury of experts at the Hanover Industrial Design Forum: At the CeBIT 2000 computer fair it received the coveted IF Design Award as "Best of Category" in consumer electronics. The jury was impressed by the high degree of innovation, in particular its sophisticated, timeless design, its reduced number of parts and its long service life.

The Design Award 2000 was Glas Platz's third IF award in succession. The company has thus established itself not only as a "producer" for up-market technical products but also put its name firmly on the map as an innovative design developer ■

The glass processing specialist "Glas Platz" is well known for its technically advanced products. For its design award winning "Magic Sound" glass loudspeaker the company chose thin glass from Schott.



Crystal-clear Solutions for Electronic Applications

Over the past 25 years Glas Platz has earned itself an excellent reputation as a glass processor and development partner in the industry. The company knows how to use innovative solutions for electronics to open up more and more new ways of using glass, a material that has proved itself over the

centuries. High-tech glasses with integrated electronics for interactive displays, glass loudspeakers, invisible power supply in glass and anti-reflective, shielding and heatable display glasses, are just a few of the pioneering applications that Glas Platz has successfully created for industry.