

GLOBE SOURCE RADIATOR

- The *EXTREME-Source*
- *Smaller, lighter, louder*
- *130.3 dB Sound Power*
- *Compact-Amplifier (In The Bowls Flightcase!)*
- *Max-Power 3600W peak 1600W RMS*
- *No Diffraction At Sharp Edges*
- *No Reflections At Plane Surfaces*
- *Ferrofluid-Cooling (Double Power!)*
- *Homogeneous 4 x System (Increased!)*
- *GlobeDirector Directivity on demand!*

Professional acoustic-consultants wish to have a quite small equipment, that gives you at least double the power that has been common before - For these consultants, we created the perfect system!

HOMOGENEOUS 4X INCOHERENT NOISE PLUS FOUR CHANNEL EXCITATION!

The patented, multi-channel excitation of the loudspeaker-groups, together with the 4 separately (incoherent) noise generators offers you the unique feature to increase homogeneity of the sound-field "just by pressing a knob" ! Erasurement and interference-products are distributed definitely more randomly! The sound field is audible and measurable more homogeneous. This gives your measurements better quality without increasing your effort!

GlobeSource delivers unbelievable 130.3 dB. Sound Power, which is full bearing 20 dB more than most of the Systems that are used today. At the same time the bowl is that small, that you can hide easily it behind an A4-file!



GLOBEAMP FLAT AND LIGHTWEIGHT LIKE A BOOK

The "4-channel-power-plant" is one of the top highlights of the complete system. It is just unthinkable to build it more flat, lightweight or powerful. GlobeAmp is that small, it finds place at a side-compartment of the bowl's flightcase without significantly increasing dimensions. Above the GlobeAmp there is still space left for cables, remote-control or accessories. Four noise generators (white and pink) and an 8-channel remote control are included. The DSPSystem gives you a perfect frequency response and harmonized levels for the GlobeSource. GlobeAmp & Globesource: an ultralight and compact system with incredible 2KW!



SMALL, LIGHTWEIGHT, AND "CHAMPION OF SOUND POWER"

This completely new isotropic sound source is the first one, built by a professional loudspeaker manufacturer, with only one target: Only the best of everything!

- *Compact and Lightweight*
- *Cool 3600W Peak!*
- *Ferrofluid & Ventilation*
- *Highest Sound Power -Worldwide! **
(*State 7/2007, Compared to common dodecahedrons)
- *Radio-Controlled Perfect directivity and Spectrum*
- *Everything you desire!*
- *Normal building-acoustics equipment need a lot of muscle-power and space for transportation.*

100% ISOTROPIC, WITHOUT COMPROMISE.

The consequently spherical, robust design gives you homogen sound field in perfection! Just by choosing this clever design, reflections at plain surfaces are as impossible as diffraction at sharp edges. Together with the extremely small diameter and specially shaped loudspeaker-membranes this gives you a superior and perfect isotropic directivity, that is beating any dodecahedral system on the market "only fulfilling" ISO140, 354, 3382 and DIN 52210. We do it much better!

The GlobeSource-System is the first "dodecahedron" on the market with "bass-reflex enclosure" -concept. Through the perfectly matched helmholtz- resonator GlobeSource delivers up to 3 dB higher Levels (increased efficiency factor) and offers higher "security-reserves" in the resonance zone of the loudspeakers (speakers's excursion is limited compared to non-Bass-Reflex enclosures). The specially calculated bass-reflex-holes support the cooling-concept because of ventilation of air between inside and outside the cabinet.

LOW-FREQUENCY SOUNDPOWER WITHOUT LIMITS! - GLOBESUB

The GlobeSource gives you "stand alone" the (by far!) highest sound-power of all systems on the market (State 7/2007). For extreme applications the level in the extreme low frequency range can be increase by using the active subwoofer GlobeSUB. Measuring impulse-response of large concert-halls with extremely high dynamic will be perfect applications! In addition to a frequency response, perfectly tailored to GlobeSource, incredibly high sound pressure, and integrated amplifier GlobeSUB gives you a "tricky" solution to transport the GlobeSource in its waist as well as saving an additional tripod-stand.



MAXIMUM SECURITY! - COOL-POWER-SYSTEM

For GlobeSource specially tailored loudspeakers had been developed. Beside perfectly optimized membrane with "Phase-Cone" and double neodymium circuit these loudspeakers offer additionally ferrofluid-cooling (magnetical oil instead of air between coil and Magnet). Thermal power dissipation is increased significantly!



DEFINE DIRECTIVITY JUST BY "PRESSING A BUTTON": GLOBEDIRECTOR

Conventional dodecahedrons allow only spherical directivity. GlobeSource gives you (outside perfect spherical characteristic) also other directivities "just by pressing a knob". This patented feature is only available (and standard) at every GlobeSource System!

The multi-channel excitation of the Loudspeaker-groups gives you the possibility to use GlobeSource not only as an isotropic, but also as a Source with well-defined directivity. A simple application is for example "power bundling" (advantageous for facade-measurements). Also more complex directivity diagrams of musical instruments or human speakers can be simulated. Ideal for acoustic consulting at concert-halls, stages and congress centres. GlobeSource and the 4-channel GlobeAmp are a perfect team. Phasereversal and level can be chosen for every channel exactly and can be latched in 0.5 dB Steps. Customized versions with 6 or 12-channel connectors are available. A DSP-system for complex, preprogrammed directivity patters is under the way.

GLOBESOURCE SYSTEM-COMPONENTS

Compared to conventional loudspeakers these heavy duty-solution can handle up to double the power! After two hours of "Full Power" handling with maximum level the temperature is quite cool (only 55°C!). Because of the increased Power-dissipation short- time overloads can be tolerated more safe and with better "security reserves" compared to conventional speaker models (Advantage at Room-impulse-response measurements!)

SPL CONTROLS, MEASUREMENT SYSTEMS AND MONITORING