What is ARCS II?
ARCS II is a constant curvature line source element featuring the award-winning WST® technology. It is designed to be deployed with the SB28 subwoofer or as a standalone fill system. It is a replacement for the ARCS reference and targeted at the rental productions and fixed installation projects requiring very high audio performance in a tightly packed and easy to use system.

What are the main differences with the original ARCS?
The main improvements of ARCS II over ARCS are:
• New “K1” HF and LF neodymium drivers
• Improved audio performance and higher SPL (140 dB)
• Reduced weight (7 kg less than ARCS)
• New front grill featuring AirNet fabric (improved aesthetics and durability)
• New connector plate for easier HF component maintenance.

What amplification/DSP platform is necessary?
ARCS II is driven exclusively by the LA8/LA-RAK platform which ensures advanced filtering, system protection and predictable performance.

Are ARCS enclosures planned to be discontinued?
ARCS is to be discontinued on December 31st, 2011.

Is ARCS II compatible with ARCS?
The ARCS II features a dedicated preset library with a new enclosure tuning. Both are optimized for the new K1 LF/HF drivers. L-ACOUSTICS does not recommend mixing enclosures. The rigging, protection and transportation accessories are compatible but the 2 coupling bars are now packaged with each enclosure.

Is there an upgrade kit for ARCS?
No, as the front grill/fabric ensemble fastening system and the new driver dimensions require dimensional and structural modifications on the cabinetry.

What are the benefits of a constant curvature line source?
A constant curvature line source offers the following benefits:
• Capacity to cover an audience with fewer boxes for medium-throw applications
• Simplified and ultra-quick set-up (fixed inter-element angles of 22.5°)
• Intuitive and easily predictable coverage pattern C = 60° x (22.5° x N)
• Ideal solution when flying is not possible
• Tightly packed arrays are compact, light and preserve sightlines
• Very cost effective and easy solutions at no detriment of performance
• Consistency of tonal balance over distance

What are the typical applications?
ARCS II can be used as a full range FOH system with SB28 subwoofers:
• High SPL and reinforced LF contour ideal for live rock concerts
• Large live clubs, concert venues, outdoor events
• Medium throw of up to 35 m, typical gauge up to 2000
• Various directivity patterns for L/R and central clusters.

ARCS II can be used as a fill complement to a large FOH system (K1, KUDO):
• High SPL and extended LF response with SB28
• Outdoor festivals, international tours in stadia and arena
• Excellent control of directivity for front-fills, side-fills, in-fills, delays.

What is the recommended rental kit for FOH?
L-ACOUSTICS recommends a FOH rental kit of 6 ARCS and 4 SB28 (or 8 SB18 alternatively).

FREQUENTLY ASKED QUESTIONS: ARCS II