

FUNKTION ONE WEMBLEY / MELBOURNE STATIONS

Funktion One have an enviable reputation for high quality loudspeaker system design for full-range musical applications, their systems deployed in many of the music industry's most seminal events as well as major club and venue installations around the globe. In recent times, Funktion One have also focused their expertise on the critical area of speech reproduction with the introduction of their Resolution 2S8 (R2S8) speech loudspeaker. One of Funktion-One's primary distinguishing features is their pioneering development of paper cone transducers for the reproduction of mid and upper mid range frequencies as opposed to conforming to the widespread use of compression drivers with their characteristic "screechy" and confused sound.

The R2S8 is a single 8" loudspeaker coupled with a very special Axhead loaded waveguide which delivers the entire speech band (200Hz to 9kHz) without resorting to any system equalisation. The coherence, transient ability and lack of distortion of this device are extraordinary and combine to create a rock solid vocal image very close to the listener resulting in exceptional speech intelligibility even over long range. Performance is further enhanced by its high conversion of electrical energy to acoustic output giving a sensitivity of 106 dB for 1 watt at 1 metre. The loudspeaker cone itself is weatherproof and the front of the waveguide is finished with a stainless steel wire mesh grill secured by a moulded rubber surround. A stainless steel yoke is provided as standard along with a captive glanded lead to the customer's specification. An optional high-quality 100V line step-down transformer with a range of power tapings completes the package.

Acoustic consultants are now specifying the R2S8 to revolutionise



Wembley Stadium station



Melbourne station

the quality of announcement systems for train stations, airports and sporting facilities - all notorious areas for poor sound.

It was the loudspeaker of choice for the consultant and the client for Chicago Metra railway station and was rigorously evaluated both on location and through measurement, proving superior to all other products offered. The natural simplicity of the Resolution 2S8 also made it highly cost effective and competitive.

R2S8s were also installed at the central railway station in **Melbourne**, Australia in advance of this year's Commonwealth Games and have recently been deployed in the critical crowd marshalling area outside Wembley Stadium Station and at an environmentally harsh copper smelting factory in Korea. Further key installations will be announced shortly.

Anywhere where the spoken word is important, from sports or event commentary to vital life-safety announcement applications, the R2S8 and associated products from Funktion One finally herald a sea change in the quality of spoken word for public events. www.funktion-one.com