

# Specifications



Model	ESL2812	ESL2912
General Description		
Format	Floor Standing Dipole With 3° Fixed Tilt	Floor Standing Dipole With 3° Fixed Tilt
Type	Multiple Electrostatic Drive Membranes	Multiple Electrostatic Drive Membranes
Time Delay	Progressive Concentric Rings	Progressive Concentric Rings
Chassis Structure	Heavy Duty Composite Aluminium / Steel	Heavy Duty Composite Aluminium / Steel
Panel Elements	4	6
Maximum Output	2 N/m <sup>2</sup> at 2m On Axis	2 N/m <sup>2</sup> at 2m On Axis
Sensitivity	1.5 mbar Per Volt Referred To 1m (86dB/2.83V rms Equivalent)	1.5 mbar Per Volt Referred To 1m (86dB/2.83V rms Equivalent)
Nominal Impedance	8 Ohms	8 Ohms
Impedance Variation	4 - 15 Ohms	4 - 20 Ohms
Maximum Input	Continuous Input Voltage (rms): 10V Programme Peak For Undistorted Output: 40V Permitted Peak Input: 55V	Continuous Input Voltage (rms): 10V Programme Peak For Undistorted Output: 40V Permitted Peak Input: 55V
Frequency Response	37Hz - 21kHz (-6dB) 33Hz - 23kHz (useable)	32Hz - 21kHz (-6dB) 28Hz - 23kHz (useable)
Directivity Index	See Polar Diagrams	See Polar Diagrams
Distortion (100dB @ 1m)	Above 1000Hz <0.15% Above 100Hz <0.5% Above 50Hz <1.0%	Above 1000Hz <0.15% Above 100Hz <0.5% Above 50Hz <1.0%
AC Input	220 - 240V, 110 - 120V, 100V	220 - 240V, 110 - 120V, 100V
Power Fuse	63mA anti-surge, 200 - 240V 100mA anti-surge, 100 - 120V	63mA anti-surge, 200 - 240V 100mA anti-surge, 100 - 120V
Power Consumption	6W	6W
Dimensions (H x W x D)	1070 x 690 x 380 (mm)	1470 x 690 x 380 (mm)
Net Weight	35kg	44kg

\* The right is reserved to alter performance, specifications and appearance as required.

*The Finest Electrostatic Loudspeakers  
in the world...*



ESL 2812 & ESL 2912



Reference  
series

QUAD

IAG House, Sovereign Court, Ermine Business Park, Huntingdon, Cambs, PE29 6XU, UK  
Tel: +44(0)1480 447700 Fax: +44(0)1480 431767 <http://www.quad-hifi.co.uk>  
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QUAD

*the closest approach to the original sound*

# The Quad ESL Contemporary Design

Quad is proud to introduce the new ESL-2812 and ESL-2912, the latest audiophile class electrostatic speaker designs that fulfill Quad's promise of 'the closest approach to the original sound'. These ESLs incorporate Quad's classic push-pull technology which has led the field in electrostatic speaker design since 1957.

Born from current market demands and combined with Quad's continuous aim of challenging itself to further improve the ESL System; ESL-2812 and ESL-2912 represent the pinnacle of Quad's achievements and incorporate enhancements in speaker dress, metal work and veneer finish whilst retaining the original QUAD design philosophy. The Quad ESLs have always been known for their natural quality of reproduction, neither adding nor taking away anything from the music, a factor which was the design goal of this new range.

ESL-2812 and ESL-2912 are Quad's latest reference loudspeakers and, like their predecessors, should be regarded amongst the finest loudspeakers in the world. Quad's patented technology provides a unique combination of sonic speed and accuracy that is only possible from an electrostatic loudspeaker. With the imaging and sound staging realized by a theoretically ideal point source, alongside near perfect transparency and lack of coloration, they are without peer.

The  
Speed of  
Sound...

## The Electrostatic Technology

The ESL is a dipole, radiating sound equally to the front and rear. Since no box is required the ESL can easily maintain a coloration free sound reproduction while the use of a large panel area ensures well maintained bass to below 40Hz. The centre two panels in each QUAD ESL incorporate a conductive pattern of concentric rings on the stators either side of the diaphragm. Each ring is subjected to a minuscule time delay and attenuated by its own individual circuit, the sound spreading gradually from the centre outwards through each successive ring. This creates a near perfect spherical wave front originating from a point source. The result is a loudspeaker of unsurpassed accuracy in stereo imaging and coherency. These features combine to make the Quad ESL one of the lowest distortion loudspeakers ever made.

Computer aided modeling and precision tooling at IAG's vertically integrated ISO9001 factory facilities enables Quad to yield the highest performance results from the classic ESL range that will suit the tastes of the most discriminating hi-fi enthusiast. We know that they will give you years of listening pleasure.



The case for a  
Closer  
approach...

