

Architectural & Engineering Specifications

Smartvox II – Vertical Loudspeaker Array

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The unit shall be an Ateis UK Smartvox II or equal and approved.

This shall comprise an extruded metal case containing multiple loudspeaker driver units complete with passive control circuitry to enable the unit to be powered from a conventional 50V/70V/100V line.

Beam steering angle shall be fixed and the unit shall be designed for vertical mounting, providing performance beyond the capabilities of conventional column type loudspeakers.

The unit shall be capable of producing a sound pressure level attenuated by only 6dB at a distance of 25m.

The unit shall provide the following:

- Extruded Metal Case
 - 90W x 110D x 1560H mm
 - White
 - Linear spaced transducers
 - Designed for vertical mounting
- Passive Operation
 - Passive phase shifting
 - Passive power shading
 - Passive filtering
- Electronic Beam Steering
 - 12 Degree vertical beam angle
 - 120 Degree horizontal dispersion
 - 14.1 Q factor
 - 11.5dB Directivity index
- Audio Performance
 - 50V, 70V, 100V Line operation
 - 50 Watt maximum power
 - 6, 12, 25, 50 Watt tapings (100V)

The unit shall provide the following:

93.5dB Sensitivity 1kHz 1W 1m
 200Hz - 12kHz Frequency response
 -6dB Attenuation at 25m 1kHz
 Increased direct to reverberant ratio
 Patented algorithm

IMPORTANT

Specifications are subject to change without prior notice. More information can be found at the website: www.ateis.co.uk.

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Ateis UK Ltd
 102 Victoria Street
 St. Albans
 Hertfordshire
 AL1 3TG

T: 08456 521 511
 F: 08456 522 527
 E: infoplease@ateis.co.uk
 Web: www.ateis.co.uk