

## Linea | *directional speakers*



The new Fohhn® designer line source speaker systems LINEA AL-50, AL-100 and AL-150 were specially developed for venues with demanding acoustic conditions and long reverberation times, such as churches, museums, halls or training rooms. These line source transducers are different from conventional speakers because they can be tilted or directed electronically using the new Fohhn DSP controller FC-8 or Fohhn DSP amplifiers. At only 11cm wide, the round, slim wooden housing with high-quality piano surface finish in white, or black and chrome decorative strips adds a touch of class to any location. The LINEA line source speaker systems can be tilted electronically, allowing for extremely discreet installation (from December 2006).

The line source technology used for the Linea line source speaker systems disperses the sound even more directly. At the same time, interfering feedback is minimised and speech intelligibility increased considerably. The line source speaker systems is different from conventional speakers (sound pressure decrease of 6 dB at double the distance) because the sound pressure decreases by 3 dB at double the distance resulting in even sound production and sound field distribution.

The slim shape fits discreetly into almost any architectural environment and multiple transducers can be cascaded.

### Specifications

Linea	AL-50	AL-100	AL-150
Principle	2 way, closed line source	2 way, closed line source	2 way, closed line source
Components	4x 3,3"	10x 3,3"	16x 3,3"
Impedance	8 ohms	8 ohms	8 ohms
Sensitivity	92 dB	96 dB	99 dB
Power Rating (AES)	80 W	200 W	300 W
100 volts version (optional)	50 / 25 / 12,5 W	50 / 25 / 12,5 W	50 / 25 / 12,5 W
Dispersion horizontal (-6dB, averaged between 1kHz and 4kHz)	140°	140°	140°
Dispersion vertical	40° from 1,5 kHz	15° from 1,5 kHz	15° from 1 kHz
Frequency response (-10dB)	140 Hz – 20 kHz	140 Hz – 20 kHz	140 Hz – 20 kHz
Connectors	8-way terminal plug	8-way terminal plug	8-way terminal plug
Standard fittings	slide switch for speech-music 4x M6 threads in backplane	slide switch for speech-music 4x M6 threads in backplane	slide switch for speech-music 4x M6 threads in backplane
Dimensions (W x H x D)	11 x 50 x 14 cm	11 x 99 x 14 cm	11 x 146 x 14 cm
Weight	5 kg	10 kg	15 kg
Colour	piano finish black or white decor strips chrome	piano finish black or white decor strips chrome	piano finish black or white decor strips chrome
Optional colours	all RAL colours	all RAL colours	all RAL colours
Frontdesign	acoustic transparent foam	acoustic transparent foam	acoustic transparent foam
Protective grille	metal	metal	metal
Housing	MDF	MDF	MDF

We reserve the right to alter the specifications without notice.

