

SA 4537 & SA 4537S



- **OUTSTANDING SOUND QUALITY**
2-way, 50 Hz – 17 kHz
- **HIGH ACOUSTIC OUTPUT**
max. 124 dB (continuous, 200W, 1m)
- **COMPACT DESIGN**
570mm x 800mm 400mm
- **ROAD-PROOF**
very solid construction
- **UNIQUE FILTER NETWORK**
extra control at top-end



stage accompany

The SA 4537 and SA 4537S compact sound-reinforcement systems, engineered specially for high level music- and vocal reproduction, combine high acoustic output and an outstanding sound quality with a medium-size enclosure. Consisting of a 15" low frequency loudspeaker, a 1" compression-driver coupled to a bi-radial horn and a 1 kHz filter network, these two-way systems have high efficiency, a wide frequency response with controlled dispersion and very low distortion.

These qualities have made these cabinets quite popular so they are much used by cabaret-groups, combo's, solo singers, discothèques and nightclubs.

To withstand very heavy road conditions a special „flightcase" version (4537S) is also available.

SA loudspeaker cabinets: designed for durability

Made of multi-laminate birchen plywood, which is far superior to either particle board or standard plywood, the SA 4537 series cabinets are built more accurate than most competitors in this field. The joints of the various panels are provided with a „tongue-and-groove" construction for better panel support and extra rigidity. Together with internal bracing a maximum strength with minimal resonances is achieved. To eliminate internal reflections, a fiberglass lining is fitted inside.

The SA 3210 crossover-filter has a crossover frequency of 1 kHz and is provided with unique control facilities. Besides the usual high-level control, a special by-pass network in co-operation with a second level control creates the possibility to lift or cut frequencies in the 12 kHz-20kHz range. This corrects the driver cut-off slope so that a flat response from 50 Hz-17 kHz is realised!

The speaker-grille is made of rolled steel-gauze and can easily withstand heavy bumps without deforming. Boom-stand mounting is possible by means of a built-in tube in the bottom.

The 4537 has protective plastic corners, radiused edges, recessed spring-locked handles, black finish and is available with or without speakers.

The 4537S is the flightcase version and has a cover for extra protection during transportation, steel corners, aluminium protection strips and spring-locked handles. Finished with perstorp, a very hard synthetic material, the 4537S is available in black with or without speakers and in blue with speakers only.

Specifications:

Frequency range:	50 Hz - 17 kHz, ± 6 dB
Power capacity:	200W (continuous sine wave) 400W (continuous program)
Nominal impedance:	8 Ω
Sensitivity:	103 dB (1W, 1m, 500 Hz - 2,5 kHz)
Nominal dispersion:	90° x 40° (Hor. x Vert.)
Crossover frequency:	1 kHz
Enclosure volume:	136 ltr. (4,85 ft ³)

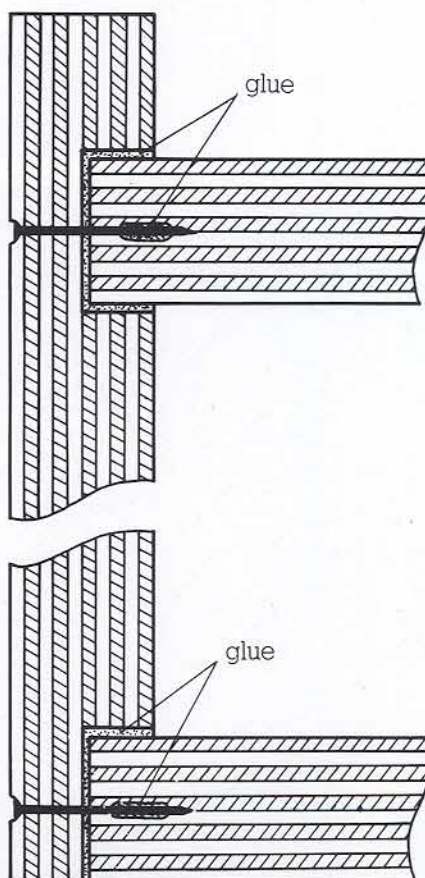
★ Figures mentioned above apply for models fitted with SA 3210 filter, JBL E-140 or 2225 loudspeaker and 2425 compression driver with 2470 bi-radial horn only.

Dimensions:	width	x	height	x	depth
4537	570 mm	x	800 mm	x	400 mm
4537S (with cover)	22½"	x	31½"	x	15¾"
	570 mm	x	800 mm	x	500 mm
	22½"	x	31½"	x	19½"

Weight:

4537 (empty)	30 kg. (66¼ lb)
4537 (with speakers)	49 kg. (108 lb)
4537S (empty)	47,5 kg. (104 lb)
4537S (with speakers)	66,5 kg. (146½ lb)

Cross-sections of typical SA loudspeaker cabinet construction.



The "tongue-and-groove" construction gives better panel support and increased useful area where glue joints the panels. Special machine-injected nails are covered with glue that melts during injection to prevent them from disengaging.

Stage Accompany reserves the right to change specifications without notice. As a result of constant research, SA products may differ from published description but will always equal or exceed the specifications stated above.

