

SA 4534 & SA 4534S



- **STUDIO QUALITY**
very low distortion
- **WIDE FREQUENCY RANGE**
2-way, 35 Hz-17 kHz
- **VERY WIDE COVERAGE ANGLE**
for smooth and constant polar response
- **SUPERIOR STEREO IMAGE**
acoustic alignment eliminates time-delay errors
- **ROAD PROOF**
flightcase version available



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The SA 4534 and SA 4534S loudspeaker cabinets are intended for high quality music reproduction such as is required in studio-controlrooms, discotheque's and nightclubs. The combination of the bassreflex enclosure with 15" woofer, a unique bi-radial horn with 1" driver and the special passive crossover network presents a new approach to two-way monitor design.

The ultra wide coverage angle of this horn matches exactly the coverage angle of the low frequency driver at the crossover frequency: this provides a very smooth and constant polar response in a wide frequency range.

The acoustic alignment of the two drivers eliminates time delay errors to an inaudible portion while the rapid flare rate of the bi-radial horn reduces second harmonic distortion. All these qualities give this monitor a superior stable stereo imaging and an excellent transient response. But the only way to make a real valuable judgement is to listen for yourself. So when you are considering of buying new loudspeakers please contact us and ask for a demonstration.

SA monitors: a better choice

Another feature of this cabinet is the filter network that has adjustable equalisation (12kHz-20kHz) to compensate for the high frequency roll-off that is typical for compression drivers. According to this the frequency response of the 4534 series is flat to 17 kHz, ± 6 dB. Depending upon the choice of the low frequency driver, the "low end" of the frequency response can go as low as 35 Hz, ± 6 dB.

The enclosure is made of multi-laminate birchen plywood that is shaped very accurate with moulds to ensure a perfect fit without any leaks or seams. Every joint is provided with a "tongue-and-groove" construction to give maximum strength and rigidity. Extra bracing is applied to prevent panel resonances and fibre-glass lining is fitted inside to eliminate internal reflections. By using these methods no unwanted colouring occurs.

A strong steel-gauze speaker grill offers maximum protection against accidental crushing.

The 4534 is available with acrylic paint finish in black with or without speakers, and in wood with speakers on special order.

The 4534S is the flightcase version of the 4534 and has aluminium protection strips, steel corners, spring locked handles, heavy duty castors and a cover for extra protection during transportation. The 4534S is finished with perstorp (a very hard synthetic material) and available in black with or without speakers and in blue with speakers only.

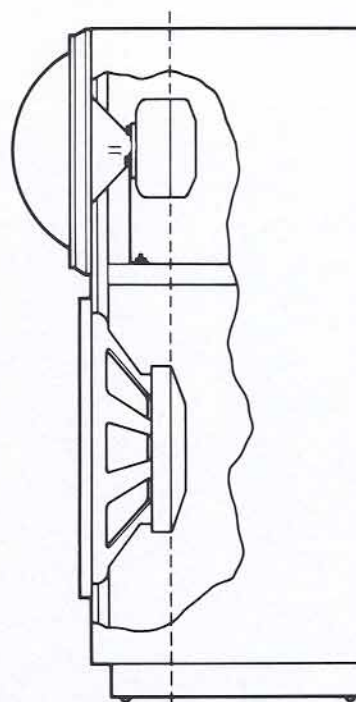
Specifications:

Frequency range:	35 Hz – 17 kHz, ± 6 dB
Power capacity¹:	150 W – 200 W (continuous sine wave) 300 W – 400 W (continuous program)
Nominal impedance:	8 Ω
Sensitivity:	93 dB – 100 dB (1W, 1 m, 500 Hz – 2,5 kHz)
Nominal dispersion:	100° x 100°
Crossover frequency:	1 kHz
Enclosure volume:	150 ltr. (5,35 ft ³)

¹depending on the used low frequency driver

★ Figures mentioned above apply only for models fitted with SA 3210 filter, JBL E-140, E-145, 2225 or 2235 loudspeaker and 2425 compression driver with 2344 bi-radial horn.

Cross-section of the 4534



Acoustic alignment

Dimensions:	width	x height	x depth
4534	570 mm	x 900 mm	x 460 mm
	22 $\frac{3}{8}$ "	x 35 $\frac{3}{8}$ "	x 18 $\frac{1}{8}$ "
4534S (with cover)	570 mm	x 900 mm	x 560 mm
	22 $\frac{3}{8}$ "	x 35 $\frac{3}{8}$ "	x 22 mm
Weight:			
4534 (empty)	34 kg.	(75 lbs.)	
4534 (with speakers)	55 kg.	(121 lbs.)	
4534S (empty)	46 kg.	(101 lbs.)	
4534S (with speakers)	67 kg.	(147 lbs.)	

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.



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