

# Stage Accompany technical specifications

SA8535 and  
H8535/70

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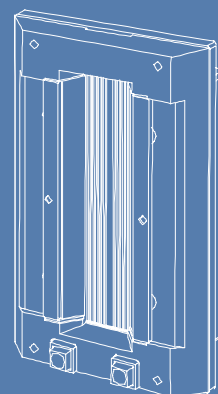


Passion for Real Sound...

## Content

### The SA 8535 Ribbon Compact Driver™ features:

- Unsurpassed clarity and speech intelligibility
- Extreme little distortion
- High powerhandling (up to 2000 W peak)
- Unequalled transient response
- Direct Drive Diaphragm, no cone break-up, no compression mechanism
- Low weight & high output through NEODYM magnet structure



SA8535

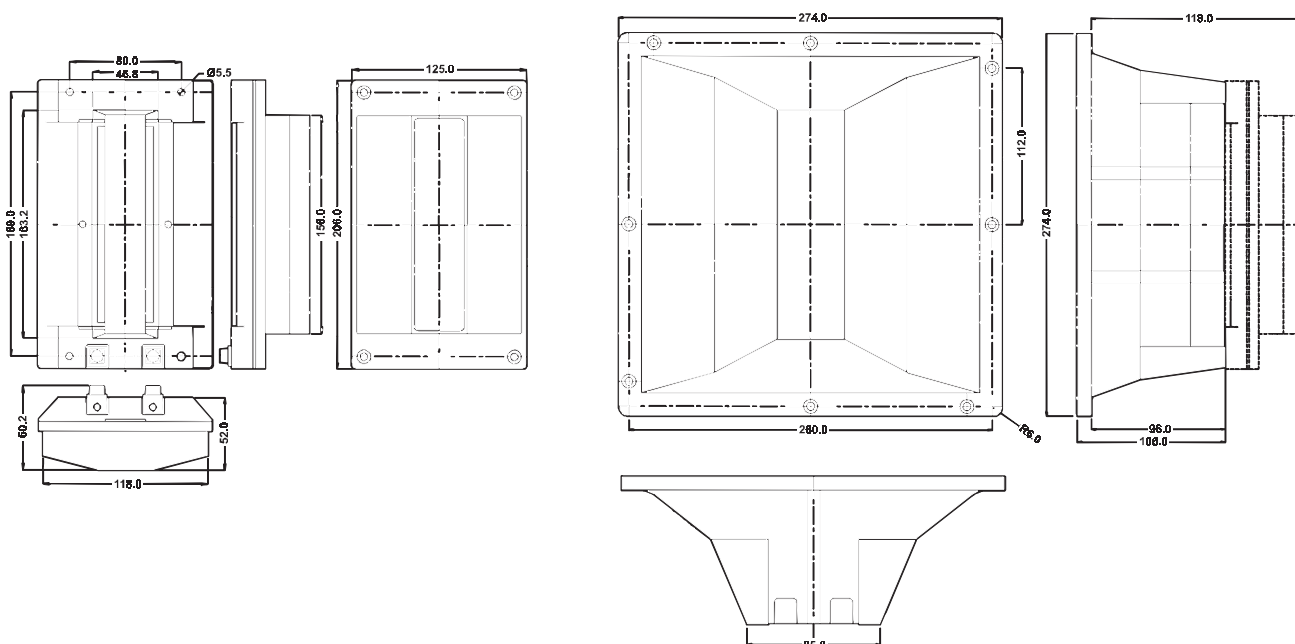
## Caution

Because of the NEODYM magnets strong magnetic field, do not approach the SA8535 with a normal screwdriver or other objects that are sensitive to strong magnetic fields. There is a high risk of damaging the diaphragm when magnetic sensitive tools are used. For installation of the driver use non-magnetic screws and screwdrivers instead.

Feeding the driver frequencies below 1 kHz. and/or power over the rated power handling (60 W RMS) can cause driver (-diaphragm) failure. Do not expose the driver to extreme humidity and/or high temperatures.

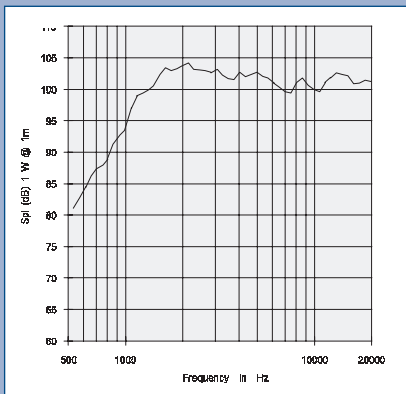
## Maintenance

Maintenance on the SA8535 driver is best left to official Stage Accompany personell. Documentation on replacint the SA8535 diaphragm however is available seperately.

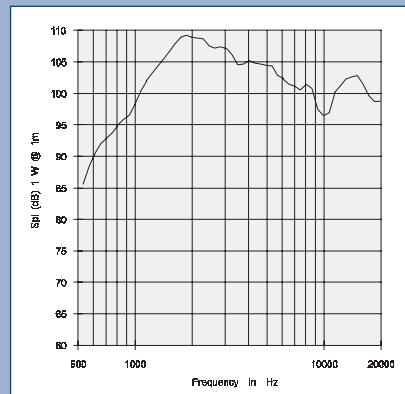


Physical dimensions of the SA8535 Ribbon Compact Driver™ (left) and the 70° x 40° H8535/70 constant directivity horn (right).

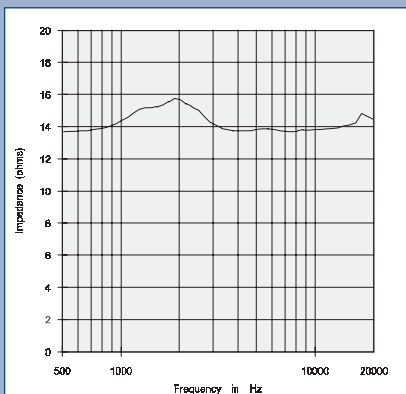
## Technical specifications



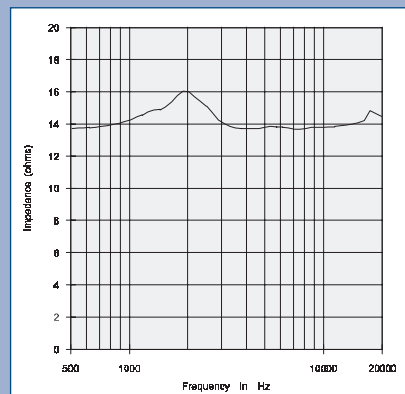
On axis response of SA8535 in IEC baffle.



On axis response of SA8535 on H8535/70 horn.



Impedance response of SA8535 in IEC baffle.



Impedance response of SA8535 on H8535/70 horn.

Frequency respons:	1000 Hz. - 30 kHz.
Nominal impedance:	13 ohms
DC voice coil resistance:	12.4 ohms << 5% @ 20° C
Sensitivity (2 kHz. oct. band):	103 dB, 1 W @ 1 m, direct radiating 107 dB, 1 W @ 1 m, on H8535/70 horn
Power handling:	60 W RMS 1000 W peak (200 ms)
H x V dispersion (2 kHz.):	120° x 90°, direct radiating 70° x 40°, on H8535/70 horn
Diaphragm:	Polyimide laminated with 0,002 mm (0,0008 in.) aluminium
Voice coil:	Precision photo etched aluminium
Recommended crossover:	1 kHz. or higher, 12 dB/oct minimum
Color:	Blue, other colors on request
Connectors:	Push button
Connector marking:	Positive voltage at the black terminal causes a positive output pressure
Physical dimensions SA8535:	206 x 52 x 125 mm (8.1 x 2.0 x 4.9 in.)
Physical dimensions H8535/70:	274 x 274 x 106 mm (10.8 x 10.8 x 4.2 in.)
Weight SA8535:	4,2 kg (9.2 lb)
Weight H8535/70:	1,0 kg (2,2 lb)