



## Scan-Speak Made In Denmark

Founded in 1970, Scan-Speak still resides at our original address in Videbaek, Denmark. Located in the heart of the Jutland peninsula, our acoustic engineers adhere to our legendary policy of “Never compromise”. We never compromise on our product quality, sound quality or pursuit of perfection in a given application. All drivers are hand made on premisses and set the loudspeaker industry’s gold standard for audiophiles, and are constantly viewed as a market benchmark by other high-end speaker manufacturers.

Scan-Speak is renowned for its commitment to quality, which we call “sound performance first”. Scan-Speak’s technological developments improve time-related performance while optimising frequency response and reducing distortion. “Sound performance first” guides the selection and design of new materials and geometries. But no matter the specification, the final guideline for a design decision is the sound quality as perceived by the human ear.

At Scan-Speak, we realise that there are no numbers, no equations, and no measuring instruments which can describe sound quality in its entirety. Therefore, we believe that subjective evaluation is the key to outstanding sound performance. This is what keeps Scan-Speak ahead of the competition, maintaining our position as the premier choice for state-of-the-art audiophile transducers.

For close to 40 years, Scan-Speak has been on a quest to create transducers that reveal the finest details in recordings, concealing nothing from the listener. This quest has resulted in several revolutionary inventions, where distortion in the magnet systems and the moving parts of the speaker is minimised. Our philosophy is simple: the emitted sound must be dynamic, giving a transient response and providing tonal balance.

## ILLUMINATOR

**"TO MAKE LUCID OR CLEAR, TO ENLIGHTEN, MAKE RESPLENDENT OR ILLUSTRIOUS"...**

Scan-Speak transducers have righteously been called "the best that money can buy", and with good reason.

All Scan-Speak speaker transducers are hand-built with the utmost attention to quality at their core.

Their prices reflect this, providing solutions targeted towards high-end audiophile applications.

Needless to say, Scan-Speak is dedicated to proving an unwavering high-quality in manufacturing with ISO 2000-9001 quality assurance.

All Scan-Speak drivers are hand crafted in Videbaek, Denmark since 1970.



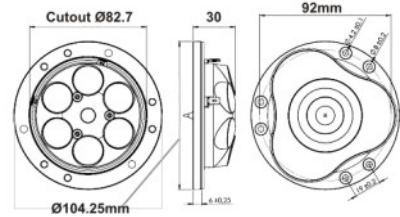
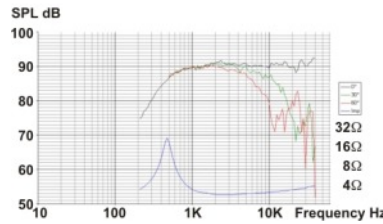
## SCAN-SPEAK 1" RING RADIATOR 3004 SERIES

### ILLUMINATOR RING RADIATOR

The large-roll surround and textile dome ring radiator provides a flat frequency response to above 30KHz with outstanding off-axis dispersion. The face plates are die cast in aluminum for maximum mechanical stability. Scan-Speak's unique AirCirc Magnet System six separate neodymium slugs. This, in combination with the chamber, results in the elimination of the reflections and resonances that compromise traditional motors.

Rubber painted aluminium die casted faceplate, Silver

Pwr 100Wnom  
O/D 105mm  
Sd 5.6cm<sup>2</sup>  
Mms 0.3g  
Re 3.0Ω(4ΩZn)  
Le 0.03mH  
Fs 520Hz  
Sens 90.4dB  
Code R3004-662001

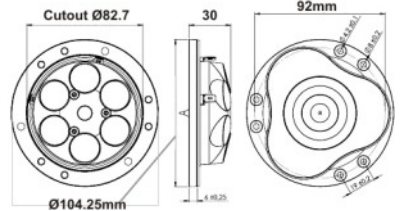
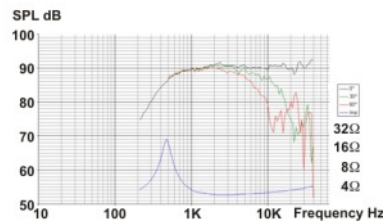


## SCAN-SPEAK 1" DOME TWEETER 3004 SERIES

### EXTENDED DISPERSION CHARACTERISTIC OF A SMALLER DOME

Unique AirCirc Magnet System, optimizes air flow within the chamber rearranges the traditional magnet structure from a single magnet to an open magnetic circuit comprised of six separate neodymium slugs. This, in combination with the chamber, results in the elimination of the reflections and resonances that compromise traditional motors. D3004 gives engineers improved control over critical midrange performance, Superb vocal rendition and excellent imaging at all listening locations.

Pwr 90Wnom  
Sd 7.0cm<sup>2</sup>  
Mms 0.35g  
Coil 26mmØ  
Le 0.03mH  
Re 3.0Ω(4ΩZn)  
Fs 500Hz  
Sens' 91.6dB  
Code D3004-662000

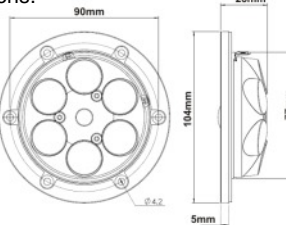
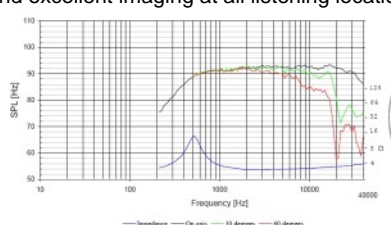


## SCAN-SPEAK 1" DOME TWEETER 3004 SERIES

### EXTENDED DISPERSION CHARACTERISTIC OF A SMALLER DOME

Unique AirCirc Magnet System, optimizes air flow within the chamber rearranges the traditional magnet structure from a single magnet to an open magnetic circuit comprised of six separate neodymium slugs. This, in combination with the chamber, results in the elimination of the reflections and resonances that compromise traditional motors. D3004 gives engineers improved control over critical midrange performance, Superb vocal rendition and excellent imaging at all listening locations.

Pwr 90Wnom  
Sd 7.0cm<sup>2</sup>  
Mms 0.35g  
Coil 26mmØ  
Le 0.03mH  
Re 4Ω (3.5Ωdc)  
Fs 500Hz  
Sens' 91.6dB  
Code D3004-660000

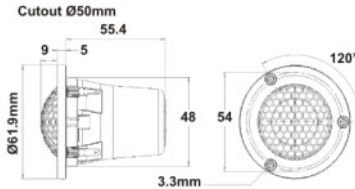
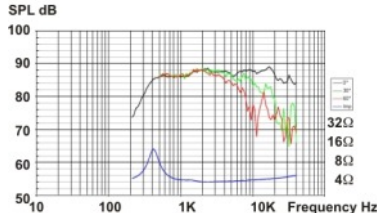


## SCAN-SPEAK 1" RING RADIATOR 3004 SERIES

### ILLUMINATOR - DEEP CHAMBER

The face plates are die cast in aluminum for a beautiful modern look and maximum mechanical stability. Optimized to offer a small package that can fit into tight spaces such as compact cabinets & automotive trim. Protective grill. Ring neodymium magnet. Beautiful sound up to 40KHz. The back chamber is die cast in aluminium and designed with a contoured shape that functions as a heat sink in high power applications.

Pwr 50Wnom  
130Wmax  
O/D 62mm  
Sd 5.6cm<sup>2</sup>  
Mms 0.35g  
Re 3.0Ω(4ΩZn)  
Le 0.02mH  
Fs 420Hz  
Sens 87.4dB  
Code R3004-602010

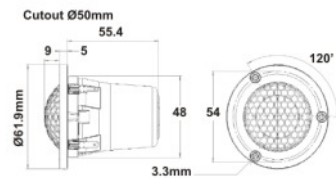
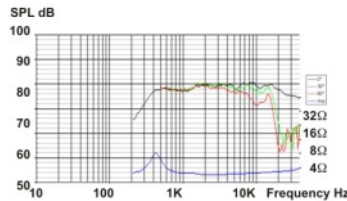


## SCAN-SPEAK 1" DOME TWEETER 3004 SERIES

### COMPACT 60mm FACIA - DEEP CHAMBER

The face plates are die cast in aluminum for a beautiful modern look and maximum mechanical stability. Optimized to offer a small package that can fit into tight spaces such as compact cabinets & automotive trim. Protective grill. Ring neodymium magnet. Deep chamber for lower resonance die cast in aluminium and designed with a contoured shape for heat sinking. Exceptional monitor quality sound and all-round versatile tweeter package.

Pwr 50Wnom  
130Wmax  
O/D 62mm  
Sd 7.0cm<sup>2</sup>  
Mms 0.35g  
Re 3.0Ω(4ΩZn)  
Le 0.02mH  
Fs 425Hz  
Sens 89.6dB  
Code D3004-602010

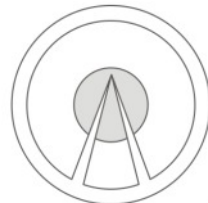
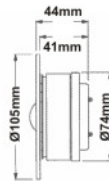
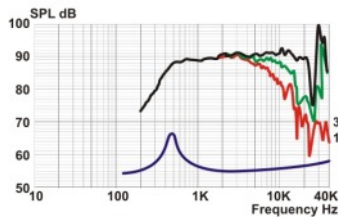


## SCAN-SPEAK 1¼" DOME TWEETER 2904 SERIES

### ALUMINIUM DOME WITH DIFFUSER CAP

Symmetric Drive technology that almost eliminates electrical phase shift. A carefully designed chamber & minimizes air noise and compression. The geometry of the light-weight aluminium dome causes the typical characteristic "break-up" peak to appear far beyond the audible range. A special diffuser is used to equalize the response in the upper octave. SD-2 motor Low compression Non-resonant chamber Revelator design. This premium tweeter is characterized by a very clean and open sound.

Pwr 100Wnom  
Sd 8.5cm<sup>2</sup>  
Mms 0.50g  
Coil 28mmØ  
Le 0.01mH  
Re 4Ω (3.5Ωdc)  
Fs 500Hz  
Sens' 90.0dB  
Code D2904-980000

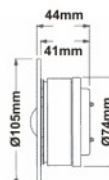
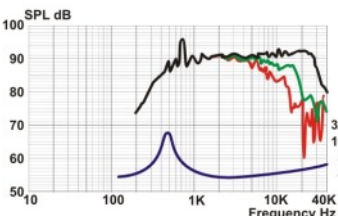


## SCAN-SPEAK 1¼" DOME TWEETER 2904 SERIES

### CLASSIC LINE SOFT DOME HIGH POWER FERRO FLUID COOLED SMOOTH

Symmetric Drive technology that almost eliminates electrical phase shift. A carefully designed chamber & minimizes air noise and compression. Revelator series experience is applied to a high-power 1¼" dome tweeter. Special formulated doped textile for rigid but light weight transducer. Ferro-Fluid cooled and resonant damped 28mm voice coil. 4 ohm impedance. Aluminium face plate. 180 Watt power when crossover at 2.8KHz 12dB/Oct\*. SD-2 motor Low compression Non-resonant chamber from Revelator design.

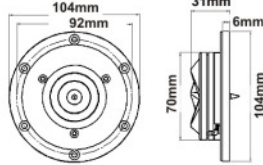
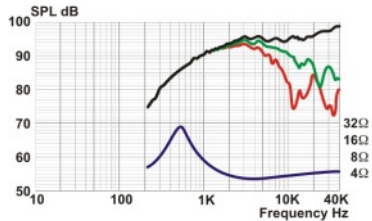
Pwr 180Wnom\*  
Sd 8.5cm<sup>2</sup>  
Mms 0.50g  
Coil 28mmØ  
Le 0.04mH  
Re 4Ω (3.5Ωdc)  
Fs 500Hz  
Sens' 91.5dB  
Code D2904-9600SE



## SCAN-SPEAK 1" RING RADIATOR 2904 SERIES

Incredible bandwidth of over 80KHz giving unsurpassed phase and tonal characteristics with a warm sound that improves over even the ribbon.  
 Invasive "SD-2" neodymium magnet motor system improves transient response.  
 No ferrofluid. cooling is performed by a special designed venting system.  
 Non-resonant chamber uses a needle to cut down on cavity air turbulence.  
 Cast magnesium face plate and multiple chamber back. Attractive too.  
 A culmination of Scan-Speak technologies and experience.

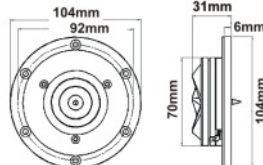
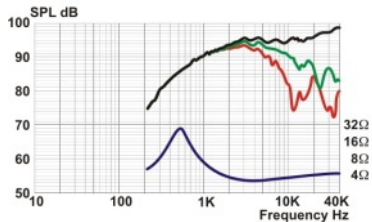
Pwr 150Wnom  
 Sd 5.6cm<sup>2</sup>  
 Md 0.30g  
 Coil 25mmØ  
 Le 0.01mH  
 Re 4Ω (3.0Ωdc)  
 Fr 2K→80KHz  
 Fs 520Hz  
 Sens' 94.5dB  
 Code R2904-700000



## SCAN-SPEAK 1" RING RADIATOR 2904 SERIES

Incorporates many innovative design concepts including neodymium magnets.  
 The dome is attached to the phase plug, so the radiating area is now concentrated around the voice coil. This offers more control and reduces distortion and loss that occur at the center of the dome on dome tweeters.  
 The phase plug also acts as a wave guide, reducing high frequency modes.  
 Better dynamics are achieved by not using ferrofluid, voice coil cooling is performed by the venting system and conduction through copper rings.

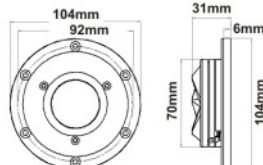
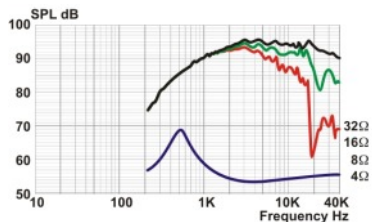
Pwr 150Wnom  
 Sd 5.6cm<sup>2</sup>  
 Md 0.30g  
 Coil 25mmØ  
 Le 0.01mH  
 Re 4Ω (3.0Ωdc)  
 Fr 2K→80KHz  
 Fs 520Hz  
 Sens' 94.5dB  
 Code R2904-700009



## SCAN-SPEAK 1" DOME TWEETER 2904 SERIES

Champagne coloured machined aluminium face plate with 6 anchor bolts.  
 Newly updated and optimised, premium one piece textile dome transducer.  
 Non-resonant multiple chamber, low compression, beautifully designed.  
 "SD-2" Neodymium magnet symmetric drive motor system, shielded.  
 Very low distortion at any volume. Impressive wide dispersion plate.  
 40KHz bandwidth shows excellent phase and transient response.  
 Note the smooth roll-off low-end for easy crossover design.

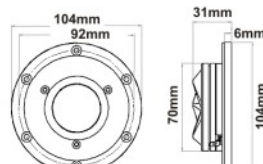
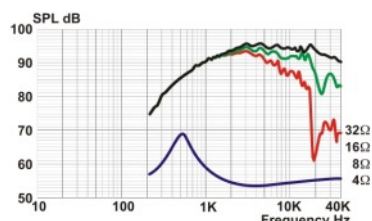
Pwr 160Wnom  
 Sd 7.0cm<sup>2</sup>  
 Md 0.35g  
 Coil 25mmØ  
 Le 0.01mH  
 Re 4Ω (3.0Ωdc)  
 Fr 2K→40KHz  
 Fs 520Hz  
 Sens' 94.5dB  
 Code D2904-710000



## SCAN-SPEAK 1" DOME TWEETER 2904 SERIES

Black anodized machined aluminium Face Revelator Super-Tweeter  
 Premium enhanced and optimised one piece textile dome transducer.  
 Non-resonant multiple chamber, low compression, beautifully designed.  
 "SD-2" Neodymium magnet symmetric drive motor system, shielded.  
 Very low distortion at any volume. Impressive wide dispersion plate.  
 40KHz & Non-ferrofluid for excellent phase and transient response.  
 Cooling is performed by venting and conduction through copper rings.

Pwr 160Wnom  
 Sd 7.0cm<sup>2</sup>  
 Md 0.35g  
 Coil 25mmØ  
 Le 0.01mH  
 Re 4Ω (3.0Ωdc)  
 Fr 2K→40KHz  
 Fs 520Hz  
 Sens' 94.5dB  
 Code D2904-710001



**SD-2 NEODYMIUM  
 NON-RESONANT  
 MULTI-CHAMBER  
 BACK CAVITY**



## THE REVELATOR

### OVER-SIZED MACHINED ALUMINIUM FACIA

The Revelator series has for years been celebrated for producing the best sounding electro dynamic transducers in the world. Since ScanSpeak was founded in 1970, the audio engineers and R&D experts working on the line have been on a quest to create drivers that reveal all the sound in recordings, hiding nothing from the listener. This quest has resulted in several revolutionary inventions that remove distortion in the magnet systems and in the moving parts of the speaker. The philosophy is that the sound has to be very dynamic, giving a perfect transient response and providing tonal balance.

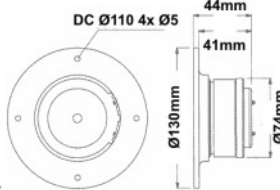
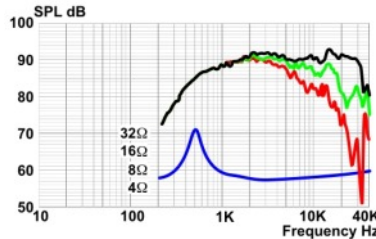
In the Revelator tweeters, additional enhancements have been made to reduce distortion and power compression, and to optimize airflow in the chambers, producing several unique tweeter designs.



## SCAN-SPEAK 1" DOME D2905 SERIES - THE REVELATOR

This is the famous classic Textile diaphragm 1" with the over-sized 5" 130mm concave face plate made from machined aluminium. Gasket backed. *Symmetric Drive Technology* which involves a copper ring on the pole that extends past the voice coil, curving into the dome chamber. Double damped, optimized chambers, acoustically damped & anti-resonated. Flag-ship tweeter as used in many exceedingly exotic speaker systems.

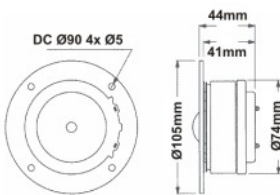
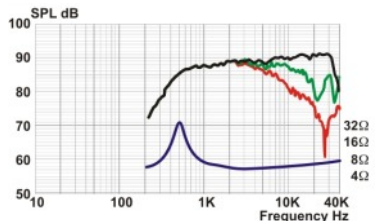
Pwr 225Wrms  
 Sd 8.5cm<sup>2</sup>  
 Md 0.45g  
 Coil 28mmØ  
 Le 0.01mH  
 Bl 3.5Tm  
 Re 8Ω (4.7Ωdc)  
 Fr 2K→30KHz  
 Fs 500Hz  
 Sens' 91dB  
 Code D2905-990000



## SCAN-SPEAK 1" DOME TWEETER D2905 SERIES

Textile diaphragm 1" similar to the other D2905 series with the addition of *Symmetric Drive Technology* which almost eliminates electrical phase shift. Specially designed chamber under the cloth surround minimizes air noise and compression. Not ferro fluid damped. Anti-resonator-plug in the rear damping chamber eliminates turbulence. Attention to manufacturing detail produces Scan-Speak excellence.

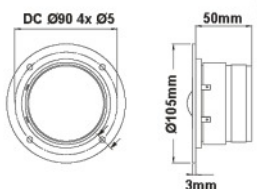
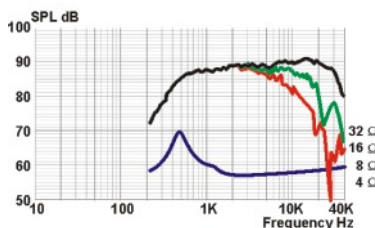
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 Md 0.45g  
 Coil 28mmØ  
 Le 0.01mH  
 Bl 3.5Tm  
 Re 8Ω (4.7Ωdc)  
 Fr 2K→30KHz  
 Fs 500Hz  
 Sens' 89.5dB  
 Code D2905-970000



## SCAN-SPEAK 1" DOME TWEETER D2905 SHIELDED

This is a truly high-end textile dome tweeter featuring a magnet system that uses the Symmetric Drive Technology that almost eliminates electrical phase shift. The copper cap also acts as heat conductors so no ferro fluid is required for higher power handling. This improves micro dynamic linearity. Very smooth, slightly rising frequency response. A carefully designed chamber under the surround minimises air noise and compression.

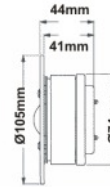
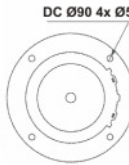
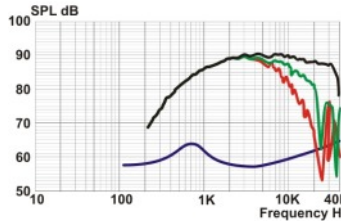
Pwr 225Wrms!  
 Sd 8.5cm<sup>2</sup>  
 Md 0.45g  
 Coil 28mmØ  
 Le 0.01mH  
 Bl 3.5Tm  
 Re 8Ω (4.7Ωdc)  
 Fr 2K→30KHz  
 Fs 500Hz  
 Sens' 90dB  
 Code S2905-970000



## SCAN-SPEAK 1" DOME TWEETER D2905 SERIES

Textile diaphragm 1". The D2905 series tweeter is a reference grade speaker used in high-end audio and custom manufacturers. The dome is coated several times to obtain a unique combination of dynamic linearity and damping of resonances to produce an incredibly smooth, linear, dynamic, natural sound reproduction. Cast alloy face plate. Double chamber cavity. Scan-Speak Denmark.

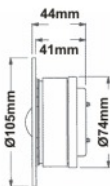
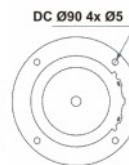
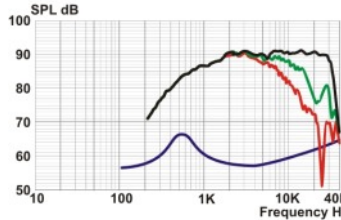
Pwr 150Wrms  
 Sd 8.5cm<sup>2</sup>  
 Md 0.45g  
 Coil 28mmØ  
 Le 0.08mH  
 Bl 3.5Tm  
 Re 8Ω (4.7Ωdc)  
 Fr 2K→30KHz  
 Fs 650Hz  
 Sens' 90dB  
 Code D2905-930000



## SCAN-SPEAK 1" DOME TWEETER D2905 SERIES

Textile diaphragm 1" with a smooth, detailed and very transparent sound and low levels of distortion. To achieve high resolution and better detail reproduction, a special coating material is used. This complicated coating process is done by hand several times to obtain a unique combination of dynamic linearity and low resonances. A light ferro-fluid is used for minimal micro-dynamic nonlinearities.

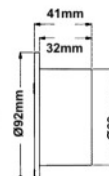
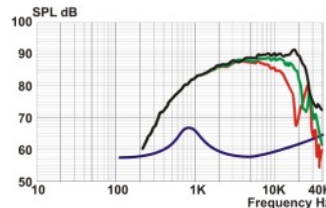
Pwr 150Wrms  
 Sd 8.5cm<sup>2</sup>  
 Md 0.45g  
 Coil 28mmØ  
 Le 0.08mH  
 Bl 3.5Tm  
 Re 8Ω (4.7Ωdc)  
 Fr 2K→30KHz  
 Fs 550Hz  
 Sens' 90dB  
 Code D2905-950000



## SCAN-SPEAK 3/4" DOME TWEETER D2008 SERIES

Textile diaphragm 3/4", hand coated. Ferro fluid cooled. Very smooth response and wide dispersion. High power handling. Optimized double chamber provides perfect tuning and damping. Acoustic damping of the diaphragm surround reduces distortion, stabilizes the acoustic center for a high end sound that is a premium example of why ScanSpeaks reputation is so highly regarded.

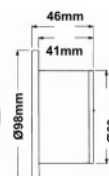
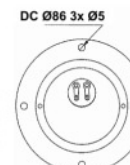
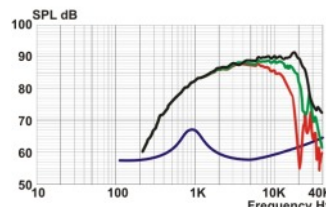
Pwr 210Wmax  
 150Wrms  
 Sd 3.8cm<sup>2</sup>  
 Md 0.25g  
 Coil 19mmØ  
 Le 0.07mH  
 Re 8Ω (5.7Ωdc)  
 Fr 4K→20KHz  
 Fs 800Hz  
 Sens' 90dB  
 Code D2008-851200



## SCAN-SPEAK 3/4" DOME TWEETER D2010 SERIES

Textile diaphragm 3/4", hand coated. Featuring a foam face plate. This reduces mechanical resonances, etc. Ferro fluid cooled. Very smooth response and wide dispersion. High power handling. Optimized double chamber provides perfect tuning and damping. Acoustic damping of the diaphragm surround reduces distortion. Sound reproduction is detailed and a very dynamic Scan-Speak.

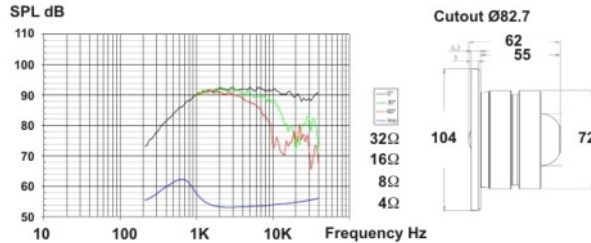
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 Sd 3.8cm<sup>2</sup>  
 Mms 0.25g  
 Coil 19mmØ  
 Le 0.07mH  
 BL 2.4Tm  
 Re 8Ω (5.7Ωdc)  
 Fr 4K→20KHz  
 Fs 800Hz  
 Sens' 90dB  
 Code D2010-851300



## SCAN-SPEAK RING-RADIATOR TWEETER R2604 SERIES

PREVIOUSLY VIFA XT25TG30-04 made in Denmark by Scan-Speak.  
 Dual concentric silk fabric diaphragm with wave guide centre plug  
 Double chamber with damping for a low resonance rear cavity 550Hz  
 Distortion reducing shorting ring and copper clad aluminium wire  
 Phase plug also enables an extended upper frequency response 40KHz  
 This is the Danish version of the popular and innovative Vifa unit.  
 Made in Denmark, these units have also been improved upon.

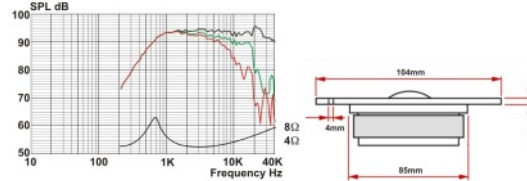
5 Bolt poly-facia.  
 Pwr 100Wrms  
 Coil 25mmØ  
 Mag 72mmØ  
 Re 2.9Ω (4ΩZn)  
 Sd 5.4cm<sup>2</sup>  
 Mms 0.30g  
 Fs 550Hz  
 Sens' 91dB  
 Code R2604-833000



## SCAN-SPEAK 1" DOME TWEETER D2604 SERIES

PREVIOUSLY VIFA DX25TG05-04 made in Denmark by Scan-Speak.  
 Extended high frequency response and good off-axis performance  
 Specially treated lightweight silk fabric diaphragm dome  
 Oversized surround structure. Copper-clad aluminium wire.  
 A critically damped rear chamber. 5 hole poly faceplate.

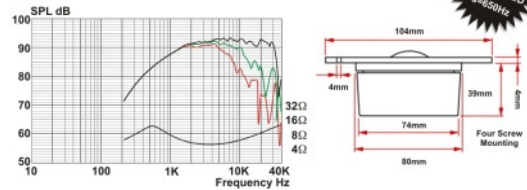
Pwr 140Wrms  
 Coil 25mmØ  
 Mag 240g 75mmØ  
 Zo 4Ω (2.8Ωdc)  
 Sd 8cm<sup>2</sup>  
 Mms 0.42g  
 Fs 650Hz  
 Sens' 92dB  
 Qms 4.32  
 Qes 0.76  
 Qts 0.67  
 Code D2604-830000



## SCAN-SPEAK 1" DOME TWEETER D2606 SERIES

FORMERLY VIFA D27TG35-04 Manufactured in Denmark by Scan-Speak.  
 Large double chambered back with vented pole piece & dampened cavity  
 Silk fabric dome. Ferro fluid cooling. Low resonance frequencies.  
 Extra-wide bandwidth driver suitable for upper-mids to silky smooth highs!

Pwr 50Wrms (80Wmax)  
 Sd 7.1cm<sup>2</sup>  
 Mms .33g  
 Coil 26mmØ  
 Le 0.01mH  
 Re 4.6Ω (6ΩZn)  
 Fs 850Hz  
 Sens' 92dB  
 Qms 1.22  
 Qes 1.07  
 Qts 0.57  
 Vas 0.01L  
 Code D2606-922000



## SCAN-SPEAK 1" DOME TWEETER D2608 SERIES

FORMERLY PEERLESS 810921 D2608 is manufactured in Denmark by Scan-Speak.  
 Very light, low mass soft dome diaphragm with high internal damping in a  
 Highly-optimised, low compression, vented magnet system especially to suit  
 This design allows use with a lower than normal crossover frequency point.  
 Double magnet. High efficiency. Magnetic fluid. Diecast aluminium facia.  
 Original design for this tweeter was developed by Stones Sound Studio  
 for use with our exclusive HDS premium speaker kit systems.  
 Excellent entertainment system performer

Pwr 130Wrms  
 Sd 7.5cm<sup>2</sup>  
 Mms 0.23g  
 Coil 26mmØ  
 Le 0.03mH  
 Re 5.6Ω (8ΩZn)  
 Fs 700Hz  
 Sens' 92dB  
 Code D2608-913000

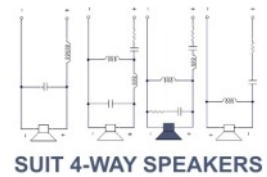
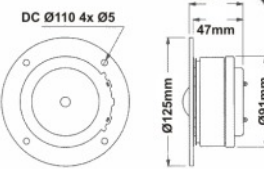
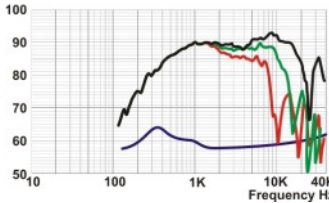


## SCAN-SPEAK 1½" DOME MID-RANGE/TWEETER

### SD-2 UPPER MIDRANGE DRIVER

Extending the highly regarded technology developed for the class leading tweeters, the SD-2 motor virtually eliminates electrical phase shift. Made from a special formulated doped textile for low mass & long-life. It has a very smooth response and good dispersion and reproduces music with extreme clarity and integrity. Depth perspectives are very accurate. The vent pole piece is damped by porous foam pad for correct tuning and coupling to the rear chamber. The surround is partly covered by the front ring to minimise distortion products and further improves phase response.

Pwr 100Wmax  
Coil 38mm (Sd=14cm)  
Le 0.04mH  
Re 8Ω (5.7Ωdc)  
Fr 1K-13KHz  
Fs 450Hz  
Sens' 90dB  
Code D3806-820000



SUIT 4-WAY SPEAKERS

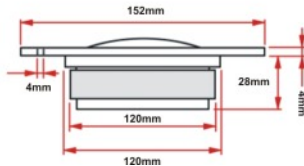
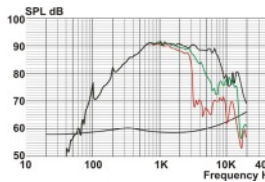


## SCAN-SPEAK 3" DOME MIDRANGE

**FORMERLY VIFA D75MZ41-08** D7608 is manufactured in Denmark by Scan-Speak.

Precoated textile dome with low moving mass provides a very smooth and natural sound with excellent on & off axis mid frequency response. Ferro fluid cooled 3" voice coil with low-profile compact internal magnet. Improved linear performance for easy crossover matching with other drivers. Superb, popular dome midrange. Requires separated ~1.5L back chamber box.

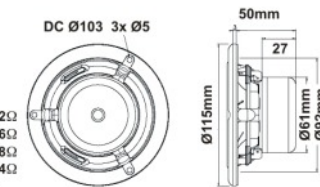
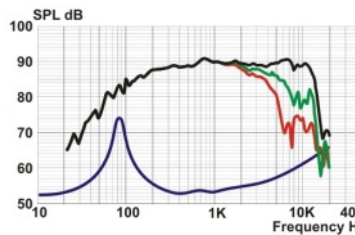
Pwr 80Wrms  
115Wmax  
Coil 75mmØ  
Mag 240g  
Zo 8Ω (5.9Ωdc)  
Fs 300Hz  
Sd 55cm<sup>2</sup>  
Sens' 92dB  
Qms 7.75  
Qes 2.22  
Code D7608-920010



## SCAN-SPEAK 2.5" CONE MIDRANGE

Heavy-duty cast alloy frame and pole ventilated magnet system. Sandwich paper cone doped, textile dust cap, all coated. Rubber surround, large spider, maximizing coil linearity. Open back design for optimizing resonances, requires chamber. Absolute premium construction achieving phenomenal mid acoustics. Crossover point is recommended at 300Hz for maximum power handling.

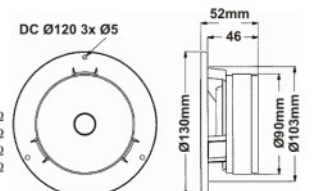
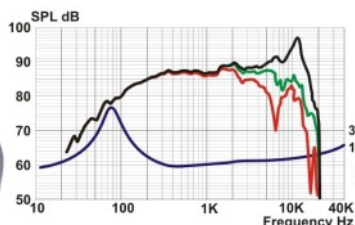
Pwr 40Wrms (@300Hz)  
Sd 49cm<sup>2</sup>  
Coil 38mmØ (0.22mH)  
Re 8Ω (4.7Ωdc)  
Fr 75Hz(Fs)→8KHz  
Sens' 89dB  
Qms 5.57  
Qes 0.35  
Qts 0.33  
Vas 5.57L  
Code 12M4631G00



## SCAN-SPEAK 2.5" CONE MIDRANGE

Excellent driver with extended frequency range and wide dispersion. *Symmetric Drive* magnet system with a light paper cone, coated for optimum damping of resonances. Low loss rubber surround ensures high resolution combined with very low and controlled distortion figures. Textile dome, coated dust cap. The sound is detailed and clean and has a very natural balance. Best Xover 300Hz+.

Pwr 100Wrms (@300Hz)  
Sd 48cm<sup>2</sup>  
Coil 38mmØ (0.10mH)  
Re 8Ω (5.8Ωdc)  
Fr 64Hz(Fs)→8KHz  
Sens' 87.5dB  
Qms 2.70  
Qes 0.27  
Qts 0.24  
Vas 5.00L  
Code 13M8640-00



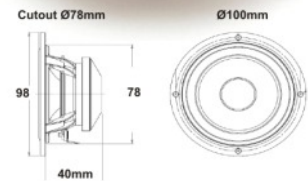
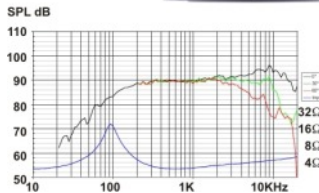


## SCAN-SPEAK WIDEBAND 4"

### DISCOVERY SERIES NEODYMIUM MAGNET & COATED FIBREGLASS CONE

The Discovery series is designed for the discerning audiophile customer. To meet the needs of this audience, several new technologies were developed with the goal of lowering distortion and damping in the speaker. The coated fiberglass cone reduces vibration and standing waves, and the vented motor system minimizes power compression. The combined result is a very open and dynamic sound.

Pwr 15Wrms 30Wmax  
 Re 3.2 ohm (4ohm)  
 Le 0.1mH  
 Fs 90Hz  
 Sens 89.76dB  
 Qms 3.21  
 Qes 0.32  
 Qts 0.30  
 Vas 2.06L  
 Code 10F4424G00

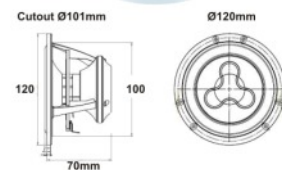
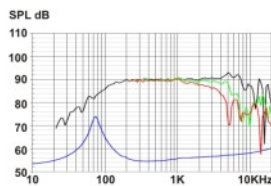


## SCAN-SPEAK ILLUMINATOR MIDRANGE 4"

### NEODYMIUM UNDER-HUNG MOTOR SYSTEM

The Illuminator midranges are based on compact under-hung motor systems with large neodymium ring magnets. The patent pending motor offers a very long linear excursion together with a very high force factor. The top plate is shaped to "guide" the backside airflow around the motor and with the very open cast-aluminium chassis design the driver is virtually free from compression and any turbulence type distortions.

P 80Wrms  
 Zo 4 ohm  
 Re 3.1 ohm  
 Le 0.11mH  
 Fs 64.0Hz  
 Qms 3.64  
 Qes 0.26  
 Qts 0.24  
 Vas 5.4L  
 Code 12MU4731T00

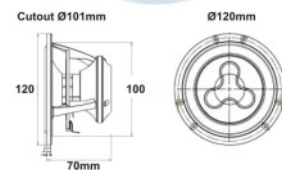
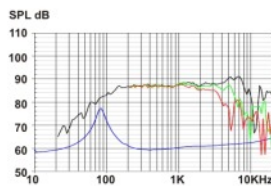


## SCAN-SPEAK ILLUMINATOR MIDRANGE 4"

### NEODYMIUM UNDER-HUNG MOTOR SYSTEM

The Illuminator midranges are based on compact under-hung motor systems with large neodymium ring magnets. The patent pending motor offers a very long linear excursion together with a very high force factor. The top plate is shaped to "guide" the backside airflow around the motor and with the very open cast-aluminium chassis design the driver is virtually free from compression and any turbulence type distortions.

P 80Wrms  
 Zo 8 ohm  
 Re 5.9 ohm  
 Le 0.13mH  
 Fs 66.0Hz  
 Qms 3.63  
 Qes 0.31  
 Qts 0.29  
 Vas 5.9L  
 Code 12MU8731T00

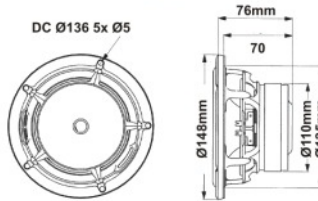
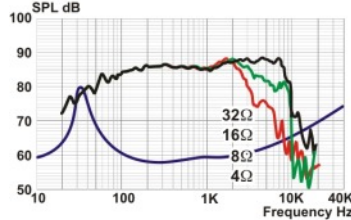


MADE IN DENMARK

## SCAN-SPEAK 5.5" MIDRANGE REVELATOR

Features a non-resonant cone and dust cap structure, dynamic linear suspension, SD-1 magnet system, "Grasshopper" cast aluminium chassis with maximized air flow and resonance terminating mounting system. Less resonance in all structures, lower compression and higher linearity, faster termination of excess energy and higher sound pressure capability gives Scan-Speak more musical and dynamic capability than any other 5"

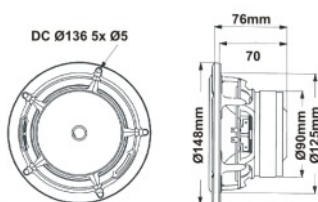
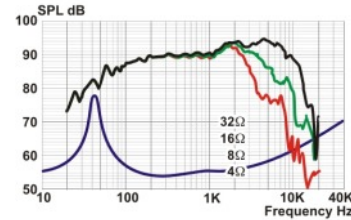
Pwr 60Wrms  
 Sd 95cm<sup>2</sup>  
 Coil 38mmØ (0.17mH)  
 Re 4Ω (3.5Ωdc)  
 Fr 35Hz(100→6KHz)  
 Sens' 90dB  
 Qms 4.80  
 Qes 0.24  
 Qts 0.22  
 Vas 24L  
 Code 15W8530K00



## SCAN-SPEAK 5.5" MIDRANGE REVELATOR

This premium reference driver features a non-resonant, paper pulp, spiral ribbed, doped, cone and textile cap structure. Dynamic linear suspension, "SD-1" magnet system, tapered pole vent, a beautiful "Grasshopper" aerodynamic cast chassis with maximized air flow and resonance terminating mounting system. Achieves minimum resonances, low compression, high linearity, fast, dynamic, high sound pressure.

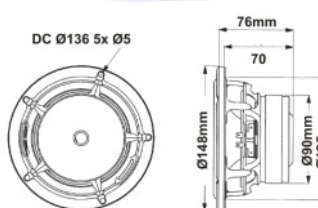
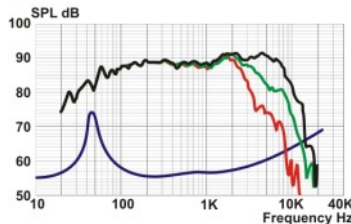
Pwr 60Wrms  
 Sd 95cm<sup>2</sup>  
 Coil 38mmØ (0.17mH)  
 Re 4Ω (3.5Ωdc)  
 Fr 35Hz(100→6KHz)  
 Sens' 90dB  
 Qms 4.80  
 Qes 0.24  
 Qts 0.22  
 Vas 24L  
 Code 15M4531K00



## SCAN-SPEAK 5.5" WOOFER REVELATOR

Features a slit-paper uncoated non-resonant cone and dust cap structure, dynamic linear suspension, SD-1 magnet system, "Grasshopper" cast chassis with maximized air flow, glass fiber voice coil former and resonance terminating mounting system. The 15W/4531G provides a more extended frequency response than it's brothers, but still fantastic bass down to the mid 50's in a vented enclosure.

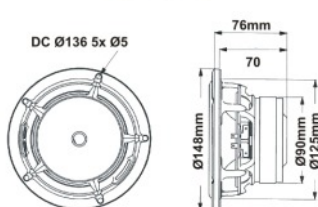
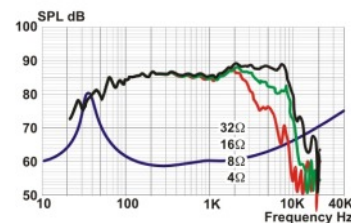
Pwr 60Wrms  
 Sd 95cm<sup>2</sup>  
 Coil 38mmØ (0.25mH)  
 Re 4Ω (3.4Ωdc)  
 Fr 39Hz  
 Sens' 87dB  
 Qms 4.60  
 Qes 0.34  
 Qts 0.32  
 Vas 16L  
 Code 15W4531G00



## SCAN-SPEAK 5.5" MID-WOOFER REVELATOR

This premium reference driver features a non-resonant, paper pulp, spiral ribbed, doped, cone and textile cap structure. Dynamic linear suspension, "SD-1" magnet system, tapered pole vent, a beautiful "Grasshopper" aerodynamic cast chassis with maximized air flow and resonance terminating mounting system. Achieves minimum resonances, low compression, high linearity, fast, dynamic, high sound pressure.

Pwr 60Wrms  
 Sd 95cm<sup>2</sup>  
 Coil 38mmØ (0.35mH)  
 Re 8Ω (5.8Ωdc)  
 Fr 30Hz(Fs)→6KHz  
 Sens' 85.5dB  
 Qms 4.90  
 Qes 0.38  
 Qts 0.35  
 Vas 28L  
 Code 15W8530K01

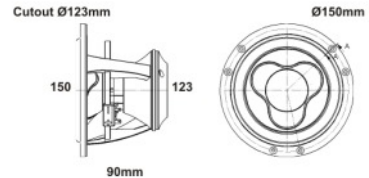
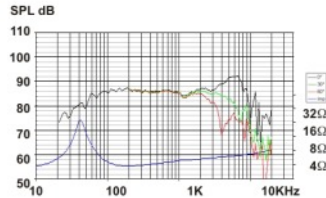


## SCAN-SPEAK ILLUMINATOR MIDRANGE 5.25"

### NEODYMIUM UNDER-HUNG MOTOR SYSTEM

The Illuminator midranges are based on compact under-hung motor systems with large neodymium ring magnets. The patent pending motor offers a very long linear excursion together with a very high force factor. The top plate is shaped to "guide" the backside airflow around the motor and with the very open cast-aluminium chassis design the driver is virtually free from compression and any turbulence type distortions.

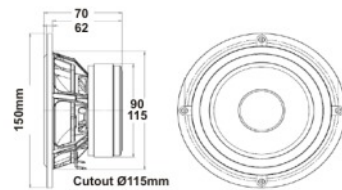
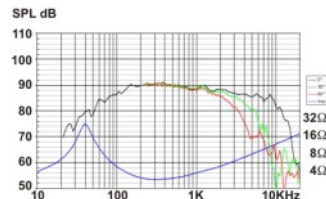
Pwr 80Wrms  
 Zo 4 ohm  
 Re 3.2 ohm  
 Le 0.50mH  
 Fs 34.0Hz  
 Qms 3.47  
 Qes 0.25  
 Qts 0.23  
 Vas 20.1L  
 Code 15WU4741T00



## SCAN-SPEAK GF SERIES MID-WOOFER 5"

The GF series is designed for the discerning audiophile customer. To meet the needs of this audience, several new technologies were developed with the goal of lowering distortion and damping in the speaker. The coated fiberglass cone reduces vibration and standing waves, and the vented motor system minimizes power compression. The combined result is a very open and dynamic sound.

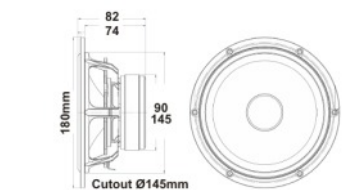
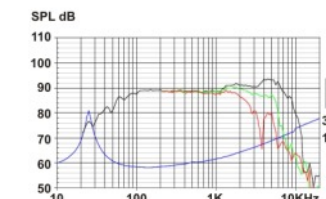
Pwr 60Wrms 120Wmax  
 Re 3.0 ohm  
 Le 0.5mH  
 Sens 89.70dB  
 Fs 43Hz  
 Qms 3.69  
 Qes 0.22  
 Qts 0.21  
 Vas 12.89L  
 Code 15W4434G00



## SCAN-SPEAK GF SERIES MID-WOOFER 6"

The GF series is designed for the discerning audiophile customer. Driver Highlights: Aluminium Chassis, Fiber Glass cone, NR rubber surround, Vented below Spider. The coated fiberglass cone reduces vibration and standing waves, and the vented motor system minimizes power compression. The combined result is a very open and dynamic sound.

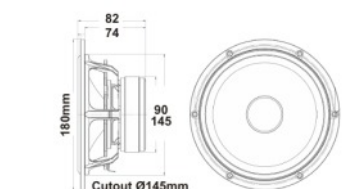
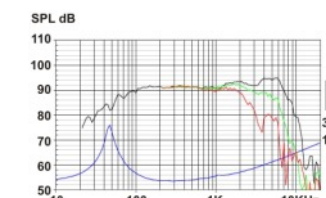
Pwr 55Wrms 170Wmax  
 Sens 88.7dB  
 Zn 8 ohm  
 Re 5.6 ohm  
 Fs 50Hz  
 Qms 7.58  
 Qes 0.46  
 Qts 0.44  
 Vas 19.70L  
 Code 18W8434G00



## SCAN-SPEAK GF SERIES MID-WOOFER 6"

The GF series is designed for the discerning audiophile customer. Driver Highlights: Aluminium Chassis, Fiber Glass cone, NR rubber surround, Vented below Spider. The coated fiberglass cone reduces vibration and standing waves, and the vented motor system minimizes power compression. The combined result is a very open and dynamic sound.

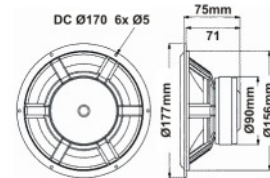
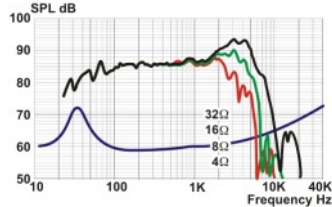
Pwr 55Wrms 170Wmax  
 Sens 91.3dB  
 Zn 4 ohm  
 Re 3.0 ohm  
 Fs 47.26Hz  
 Qms 7.81  
 Qes 0.37  
 Qts 0.35  
 Vas 20.86L  
 Code 18W4434G00



## SCAN-SPEAK 6.5" CLASSIC MID-WOOFER

Specially developed Carbon fibre filled paper pulp cone is impregnated and coated to dampen resonances normally associated with stiff cones. The low loss linear suspension, "SD-1" ventilated magnet system, molded rubber surround, all combine to provide dynamic linearity and very low colouration & distortion. This driver is optimized for larger bass reflex enclosures, reproducing very deep, precise bass.

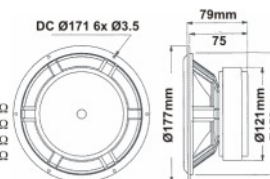
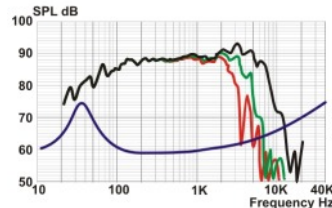
Pwr 70Wrms  
 Sd 145cm<sup>2</sup>  
 Coil 38mmØ (0.30mH)  
 Re 8Ω (5.8Ωdc)  
 Fr 26Hz(Fs)→3500KHz  
 Sens' 88.5dB  
 Qms 2.50  
 Qes 0.45  
 Qts 0.38  
 Vas 72L  
 Code 18W8535-00



## SCAN-SPEAK 6.5" CLASSIC MID-WOOFER

The "SD-1" is a patented magnet system that virtually eliminates modulation and dynamic distortion while also reducing the onslaught of clipping distortion generated as the driver exceeds its maximum exertion. Specially developed Carbon fibre filled paper pulp cone is impregnated and coated to dampen resonances normally associated with stiff cones. Optimized for bass reflex enclosures, reproducing very deep, precise bass.

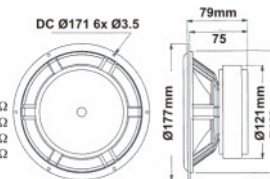
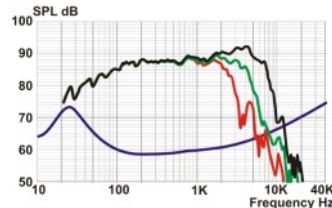
Pwr 100Wrms  
 Sd 145cm<sup>2</sup>  
 Coil 42mmØ (0.40mH)  
 Re 8Ω (5.5Ωdc)  
 Fr 28Hz  
 Sens' 88.0dB  
 Qms 2.30  
 Qes 0.30  
 Qts 0.27  
 Vas 48L  
 Code 18W8545-00



## SCAN-SPEAK 6.5" CLASSIC MID-WOOFER KEVLAR

**CLASSIC LINE WITH WOVEN YELLOW KEVLAR COVE**  
 Premium Grade high-technology driver with over-sized "SD-1" magnet system. Kevlar is a patented Dupont fibre process designed to achieve remarkable stiffness to a very low mass ratio for improved T&S specifications. An excellent tightly controlled bass driver reproduces music in a very open and live way. The cone is also a "Technological" yellow.

Pwr 100Wrms  
 Sd 145cm<sup>2</sup>  
 Coil 38mmØ (0.40mH)  
 Re 8Ω (5.5Ωdc)  
 Fr 22Hz(Fs)→4000KHz  
 Sens' 88.0dB  
 Qms 1.70  
 Qes 0.22  
 Qts 0.19  
 Vas 84L  
 Code 18W8546-00



MADE IN DENMARK

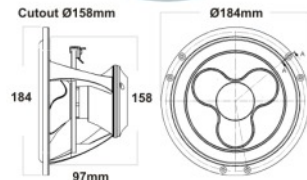
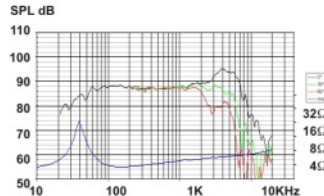


## SCAN-SPEAK ILLUMINATOR MIDRANGE 6.5"

### NEODYMIUM UNDER-HUNG MOTOR SYSTEM

The Illuminator midranges are based on compact under-hung motor systems with large neodymium ring magnets. The patent pending motor offers a very long linear excursion together with a very high force factor. The top plate is shaped to "guide" the backside airflow around the motor and with the very open cast-aluminium chassis design the driver is virtually free from compression and any turbulence type distortions.

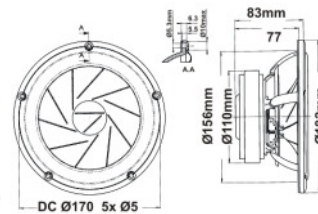
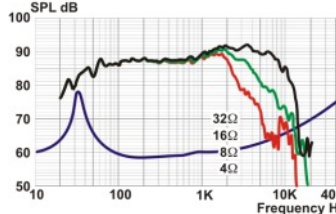
Pwr 80Wrms  
 Zo 4 ohm  
 Re 3.2 ohm  
 Le 0.50mH  
 Fs 30.0Hz  
 Qms 3.56  
 Qes 0.32  
 Qts 0.29  
 Vas 49.9L  
 Code 18WU4741T00



## SCAN-SPEAK 6.5" MID-WOOFER REVELATOR

The Revelator series of woofers has for years been celebrated for reproducing the best sounding dynamic transducers in the world. This driver features a non-resonant cone and dustcap structure, dynamic linear suspension, SD-1 patented magnet system, "Grasshopper" chassis for maximized airflow, and anti-resonance mounting system. An absolute premium reference level, wide bandwidth driver.

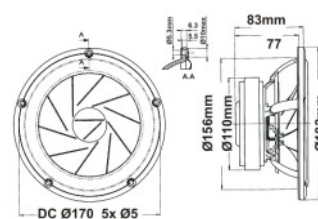
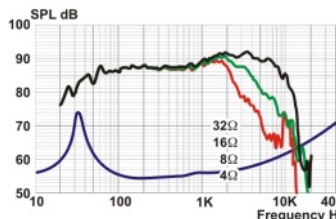
Pwr 60Wrms  
 Sd 150cm<sup>2</sup>  
 Coil 38mmØ (0.35mH)  
 Re 8Ω (5.8Ωdc)  
 Fr 28Hz(Fs)→5KHz  
 Sens' 87.0dB  
 Qms 5.10  
 Qes 0.39  
 Qts 0.36  
 Vas 59L  
 Code 18W8531G00



## SCAN-SPEAK 6.5" MID-WOOFER REVELATOR

The Revelator series of woofers has for years been celebrated for reproducing the best sounding dynamic transducers in the world. This driver features a non-resonant cone and dustcap structure, dynamic linear suspension, SD-1 patented magnet system, "Grasshopper" chassis for maximized airflow, and anti-resonance mounting system. An absolute premium reference level, wide bandwidth driver.

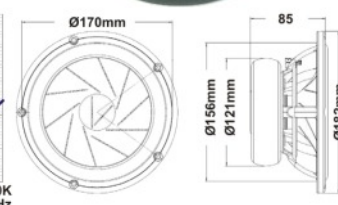
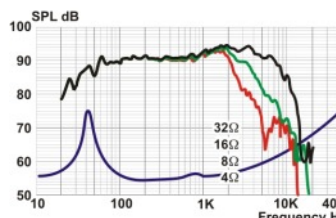
Pwr 70Wrms  
 Sd 150cm<sup>2</sup>  
 Coil 38mmØ (0.30mH)  
 Re 3.4Ω (4ΩZn)  
 Fs 33Hz  
 Sens' 90.0dB  
 Qms 5.20  
 Qes 0.38  
 Qts 0.35  
 Vas 42L  
 Code 18W4531G00



## SCAN-SPEAK 6.5" MID-WOOFER REVELATOR

The Revelator series of woofers are cutting edge drivers that incorporate Scan-Speak's latest advances in manufacturing and design. feature a non-resonant cone and dustcap structure, dynamic linear suspension, SD-1 patented magnet system, "Grasshopper" chassis for maximized airflow, and anti-resonance mounting system. Very neutral yet musical, at home in any reference-quality system.

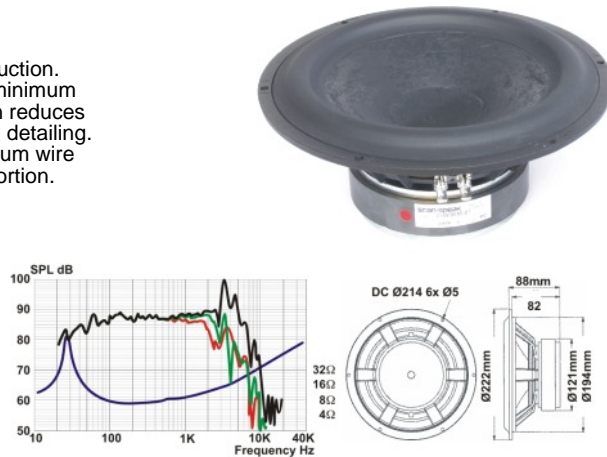
Pwr 70Wrms  
 Sd 150cm<sup>2</sup>  
 Coil 38mmØ (0.30mH)  
 Re 3.4Ω (4ΩZn)  
 Fs 33Hz  
 Sens' 90.0dB  
 Qms 5.20  
 Qes 0.38  
 Qts 0.35  
 Vas 42L  
 Code 18W4831G00



## SCAN-SPEAK 8" WOOFER

Hard paper cone is very rigid and perfect for bass reproduction. A special coating provides sufficient damping to ensure minimum resonances in the bass area. Low loss, linear suspension reduces compression and gives maximum dynamic capability and detailing. "SD-1" magnet system, voice coil with formulated aluminium wire wound on a Kapton foil for reduced electro-magnetic distortion.

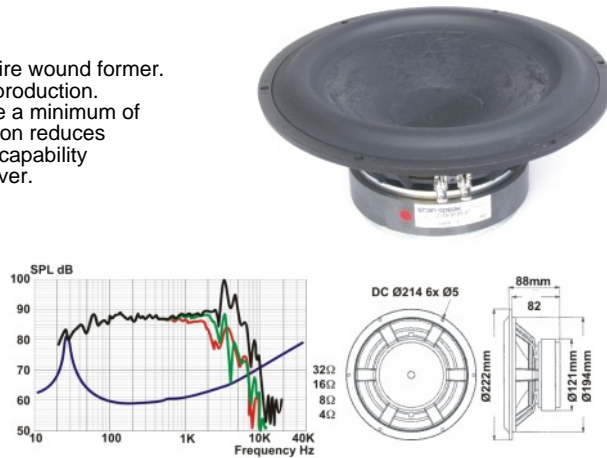
Pwr 100Wrms  
 Sd 220cm<sup>2</sup>  
 Coil 42mmØ (0.40mH)  
 Re 8Ω (5.5Ωdc)  
 Fr 20Hz (Fs)  
 Sens' 87.0dB  
 Qms 4.50  
 Qes 0.33  
 Qts 0.31  
 Vas 136L  
 Code 21W8555-00



## SCAN-SPEAK 8" WOOFER

The 21W8555-01 is similar to the "00" but uses copper wire wound former. The hard paper cone is very rigid and perfect for bass reproduction. The special coating provides sufficient damping to ensure a minimum of resonance in the bass area. The low-loss linear suspension reduces compression and gives the drive unit maximum dynamic capability and better detailing. A beautiful "Classic" Scan-Speak driver.

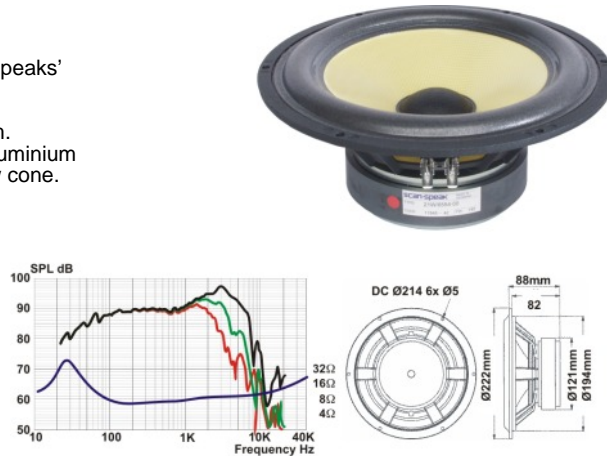
Pwr 100Wrms  
 Sd 220cm<sup>2</sup>  
 Coil 42mmØ (0.60mH)  
 Re 8Ω (5.5Ωdc)  
 Fr 19Hz (Fs)  
 Sens' 87.5dB  
 Qms 4.80  
 Qes 0.27  
 Qts 0.26  
 Vas 136L  
 Code 21W8555-01



## SCAN-SPEAK 8" WOOFER

Features a Kevlar cone which is manufactured at Scan-Speaks' own production facilities. The cone is coated in order to obtain the right damping to stiffness ratio. This driver offers very good transient capacity and audible headroom. Symmetric drive magnet system. Die-cast magnesium-aluminium basket. Open spider ventilation. Rubber surround. Yellow cone.

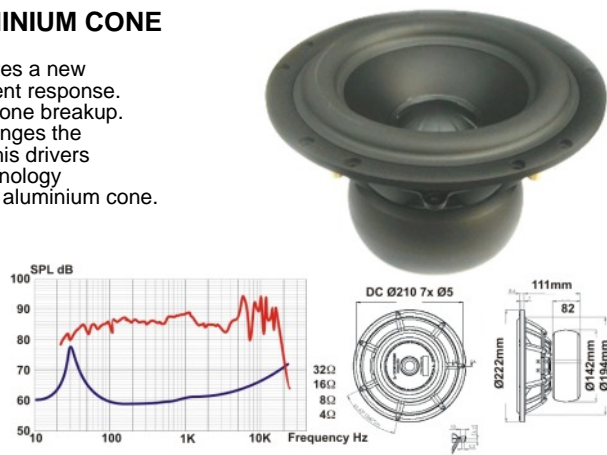
Pwr 110Wrms  
 Sd 220cm<sup>2</sup>  
 Coil 42mmØ (0.20mH)  
 Re 8Ω (5.5Ωdc)  
 Fr 23Hz(Fs)→4000KHz  
 Sens' 90.0dB  
 Qms 1.70  
 Qes 0.25  
 Qts 0.22  
 Vas 160L  
 Code 21W8554-00



## SCAN-SPEAK 8" WOOFER - BLACK ALUMINIUM CONE

The latest generation of the Revelator woofers incorporates a new aluminium cone design, resulting in an impressive transient response. A metal cone also affords very high power with minimal cone breakup. The output is incredibly natural sounding bass that challenges the listener to tell the difference between the real thing and this drivers faithfully invisible reproduction. Utilises the patented technology with Low loss linear suspension, SD-1 motor system and aluminium cone.

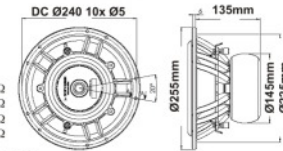
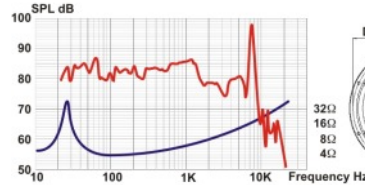
Pwr 170Wrms  
 Sd 220cm<sup>2</sup>  
 Coil 50mmØ (0.35mH)  
 Re 8Ω (6.2Ωdc)  
 Fs 23Hz  
 Sens' 86.0dB  
 Qms 4.90  
 Qes 0.32  
 Vas 89L  
 Code 22W8857T00



## SCAN-SPEAK 9" SUBWOOFER - SILVER ALUMINIUM CONE

A very high end subwoofer, designed to be used with a passive radiator  
 Very rigid aluminum cone, low loss rubber surround and cast frame.  
 Massive roll surround for maximum linear exertion with low compression.  
 Uses the renowned Scan-Speak Symmetric Drive low distortion motor system.  
 Frequency response when coupled with the 23W passive is down to 25Hz.  
 One cubic foot sealed has an F3 of 33Hz. Long-throw for high SPL output.  
 Excellent deep bass reproduction for such a very compact enclosure.

Pwr 225Wrms  
 Sd 232cm<sup>2</sup>  
 Coil 50mmØ (0.45mH)  
 Re 3.45Ω(4ΩZn)  
 Fs 20.5Hz  
 Sens' 82.0dB  
 Qms 4.80  
 Qes 0.52  
 Vas 45.6L  
 Code 23W4557T00

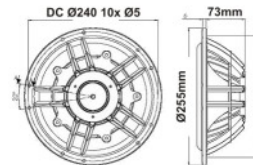


## SCAN-SPEAK 9" PASSIVE RADIATOR - SILVER ALUMINIUM CONE

### DRONE-CONE REQUIRES ACTIVE WOOFER

Eliminates tuning ports and associated high velocity wind distortions.  
 A very high end subwoofer, designed to be used with Scan-Speak 23W4557T00  
 Centre brass weight, very rigid aluminum cone, low loss rubber surround.  
 Massive roll surround for maximum linear exertion with low compression.  
 Scan-Speak designers recommend putting both in a 1.0 cubic foot enclosure.  
 This should yield deep bass reproduction down to an impressive 25Hz.  
 The woofer should still be linear at 180 watts and have an output 104dB!  
 Excellent deep bass reproduction for only a 30L compact enclosure.  
 (\*) You can use one or two passives, and tuning is tweaked by adding weight to a M8 screw thread located at the rear of the brass block.

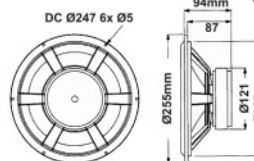
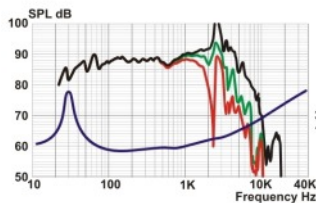
Sd 232cm<sup>2</sup>  
 Fs 10.5Hz  
 Qms 11.5  
 Mms 400g(min\*)  
 Vas 43.5L  
 Code 23W00000



## SCAN-SPEAK 10" WOOFER

Hard paper cone is very rigid and perfect for bass reproduction.  
 A special coating provides sufficient damping to ensure minimum resonances in the bass area. Low loss, linear suspension reduces compression and gives maximum dynamic capability and detailing.  
 The "SD-1" magnet system and the voice coil with copper wire wound on a Kapton foil gives high SPL and low clipping distortion.

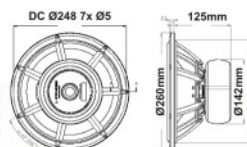
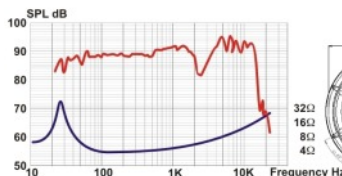
Pwr 100Wrms  
 Sd 220cm<sup>2</sup>  
 Coil 42mmØ (0.60mH)  
 Re 8Ω (5.5Ωdc)  
 Fr 19Hz(Fs)→600KHz  
 Sens' 88.0dB  
 Qms 5.60  
 Qes 0.36  
 Qts 0.34  
 Vas 229L  
 Code 25W8565-01



## SCAN-SPEAK 10" WOOFER - BLACK ALUMINIUM CONE

The latest generation of the Revelator woofers incorporates a new aluminum cone design, resulting in an impressive transient response.  
 A metal cone also affords very high power with minimal cone breakup.  
 The output is incredibly natural sounding bass that challenges the listener to tell the difference between the real thing and this drivers faithfully invisible reproduction. Utilises the patented technology Low loss linear suspension, SD-1 motor system. Aluminium cone.

Pwr 170Wrms  
 Sd 320cm<sup>2</sup>  
 Coil 50mmØ (0.25mH)  
 Re 4Ω (3.7Ωdc)  
 Fs 18.0Hz  
 Sens' 89.0dB  
 Qms 5.80  
 Qes 0.31  
 Vas 223L  
 Code 26W4867T00



## Scan-Speak

Scan-Speak is renowned for its commitment to quality, which we call "sound performance first". Scan-Speak's technological developments improve time-related performance while optimising frequency response and reducing distortion. "Sound performance first" guides the selection and design of new materials and geometries. But no matter the specification, the final guideline for a design decision is the sound quality as perceived by the human ear. At Scan-Speak, we realise that there are no numbers, no equations, and no measuring instruments which can describe sound quality in its entirety. Therefore, we believe that subjective evaluation is the key to outstanding sound performance. This is what keeps Scan-Speak ahead of the competition, maintaining our position as the premier choice for state-of-the-art audiophile transducers.

### Scan-Speak transducers are available in four product families:

#### **Illuminator**

Design know-how reaches new levels of sound performance in Illuminator products. Powerful neodymium motors with under-hung voice coil configuration serve as uniting design elements. They provide large linear excursion capability. What's more, an extensive use of SD (symmetric drive) copper caps ensures the lowest possible distortion throughout the excursion range of the speaker. [Read More.](#)

#### **Revelator**

The Revelator family of drivers - tweeters, midwoofers, and subwoofers - has represented the Scan-Speak's top-of-the-line collection for nearly two decades. It has consistently provided the best sounding products that money can buy. [Read more](#)

#### **Classic**

The Classic line consists of all the highly-regarded transducers that have been praised and loved by so many customers over the years. This family consists of a collection of star products developed over the years. They are speakers that fully live up to the heritage of the Scan-Speak brand. The longevity and strength of these designs has been proven through decades of sales and manufacturing. [Read more](#)

#### **Discovery**

Our newest product line, which consists of a wide range of woofers, midrange, and tweeters, offers all the high-quality sound and build we're known for, but does so at a new price point. It's mission? To challenge new market segments and to make them discover what we're all about: the best of the best within transducers. [Read more](#)



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**Address:** 138 Liverpool Road, Ashfield, NSW, 2131 **Fax2:** 02-9799-7051