

# ST 25K NEO

HIGH EFFICIENCY COMPRESSION DRIVER

100 W



## TECHNICAL SPECIFICATIONS

<b>Component</b>	High Efficiency Compression Driver	
<b>Provided inline crossover</b>	Hi-pass filter @ 9 kHz - 6 dB Oct.	
<b>Size</b>	mm (in.)	44 (1.8)
<b>Power Handling</b>	W peak	100 Hi-pass filtered @ 5 kHz - 12 dB Oct.
<b>Impedance</b>	$\Omega$	4
<b>Frequency Response</b>	Hz	3k ÷ 20k
<b>Sensitivity</b>	dB/SPL	107
<b>Voice Coil <math>\varnothing</math></b>	mm (in.)	25 (1)
<b>Magnet</b>	Neodymium	
<b>Dome</b>	Aluminium	
<b>Weight of one component</b>	kg (lb.)	0,39 (0.86)

## ELECTRO-ACOUSTIC PARAMETERS

<b>D</b>	mm	35,5
<b>Re</b>	$\Omega$	2,9
<b>Fs</b>	Hz	3900
<b>Le</b>	mH @ 1 kHz	0,03
<b>Vas</b>	l	-
<b>Mms</b>	g	-
<b>Cms</b>	mm/N	-
<b>BL</b>	T·m	2,05
<b>Qts</b>		-
<b>Qes</b>		-
<b>Qms</b>		-
<b>Spl</b>	dB	107

1. Powerful Neodymium magnet providing high performance with compact size.
2. FEM (Finite Element Method) optimized phase-plug and loading horn.
3. CCAR (Copper Clad Aluminium Ribbon) voice coil for unheard-of thermal and mechanical capability ready for an easy replacement with replacement body kit.
4. Extra-light aluminium membrane to maximize SPL with high current, screw terminals.
5. Body waterproofing and anti-UV treatment to allow safe outdoor use without discoloration over time.
6. "Kit" version with metallic mesh grille and inline crossover filter included.

