

IK W10-SVC2



IMPACT

K-SERIES

250MM / 10INCH
1x2Ω SUBWOOFER
FOR COMPACT ENCLOSURES

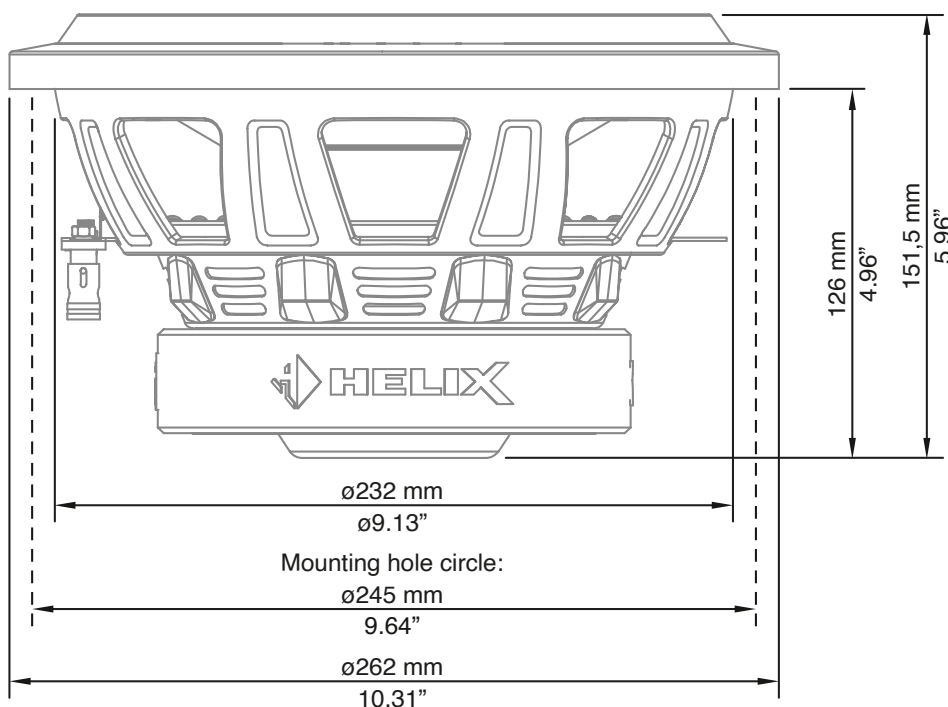


- 1 x 2 Ohms single voice coil
- Extremely stiff, hand-scooped paper cone for outstanding impulse response
- Double ventilated voice coil for minimum compression effects and high power handling
- Long-excursion rubber surround for highest mechanical rating
- Solid push terminals
- Powerful magnet system for compact enclosures
- Rugged magnet cover with HELIX lettering for perfect magnet protection
- Grille and gasket included in delivery



Dimensions

Abmessungen



Technical data

Technische Daten

Power handling Belastbarkeit	RMS	300 W
	Max.	600 W
Impedance Impedanz	Z	1 x 2 Ω
DC resistance Gleichstromwiderstand	Re	2 Ω
Resonance frequency Resonanzfrequenz	Fs	32 Hz
Mechanical Q factor Mechanische Güte	Qms	5,09
Electrical Q factor Elektrische Güte	Qes	0,45
Total Q factor Gesamtgüte	Qts	0,41
Compliance Nachgiebigkeit	Cms	159 μm/N
Equivalent air volume Äquivalentvolumen	Vas	25 L
Force factor Kraftfaktor	B*I	12,1 Tm
Sensitivity Wirkungsgrad	SPL	93 dB @ 2,83V / 1m 87 dB @ 1W / 1m
Cone area Membranfläche	Sd	333 cm²
Moving mass Bewegte Masse	Mms	126 g
Mechanical resistance Mechanischer Widerstand	Rms	6,25 kg/s
Voice coil diameter Schwingspuldurchmesser	Ø	50,8 mm
Voice coil winding height Schwingspulenwickelbreite		24 mm
Max. linear excursion Max. linearer Membranhub	Xmax	+/- 8 mm

Enclosure recommendations

Gehäuseempfehlungen

Sealed box

Geschlossenes Gehäuse

Net volume Nettovolumen	15 L
Lower limiting frequency (-3dB) Untere Grenzfrequenz (-3dB)	50 Hz
Recommended DSP settings Empfohlene DSP-Einstellungen	Highpass: "Self-Define" 38 Hz / Q = 1,4; EQ Filter: 95 Hz / Q = 1 / -3 dB

Vented box

Bassreflex-Gehäuse

Net volume Nettovolumen	21 L
Port diameter Reflex-Kanaldurchmesser	Ø 70 mm
Port area Reflex-Kanallfläche	38 cm²
Port length Reflex-Kanallänge	32 cm
Port tuning frequency Tunnelabstimmungsfrequenz	Fb 36 Hz
Lower limiting frequency (-3dB) Untere Grenzfrequenz (-3dB)	36 Hz
Recommended DSP settings Empfohlene DSP-Einstellungen	Highpass: "Self-Define" 35 Hz / Q = 1; EQ Filter: 100 Hz / Q = 0,7 / -2 dB

Wiring configuration

Anschluss

1 x 2 Ω configuration on one amplifier channel

1 x 2 Ω Konfiguration an einem Verstärkerkanal

