

IK S10-DVC2



IMPACT

K-SERIES

**SHALLOW 250MM / 10INCH
2x2Ω SUBWOOFER
FOR COMPACT ENCLOSURES**



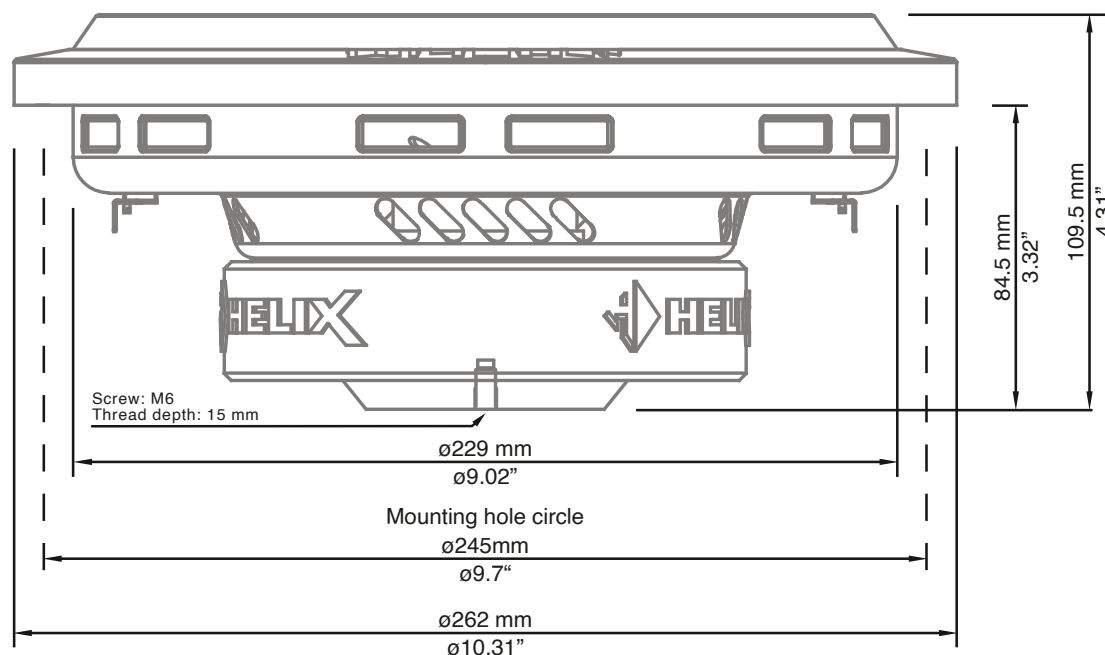
Screw: M6
Thread depth: 15 mm



- Chassis with particularly low installation depth – optimized for compact and shallow enclosure constructions
- 2 x 2 Ohms dual voice coil for flexible system configuration
- Magnet system with threaded hole on the back – allows screwing to the back panel of the enclosure for stabilization and reduction of enclosure vibrations
- Extremely stiff sandwich paper cone
- Long-excursion rubber surround for highest mechanical rating
- Rugged magnet cover with HELIX lettering for perfect magnet protection
- Enclosure connection terminal, grille and gasket included in delivery

Dimensions

Abmessungen



Technical data

Technische Daten

Power Leistung	RMS Max.	300 W 600 W
Impedance Impedanz	Z	2 x 2 Ω
DC resistance Gleichstromwiderstand	Re	2 x 1,6 Ω
Resonance frequency Resonanzfrequenz	Fs	34 Hz
Mechanical Q factor Mechanische Güte	Qms	6,37
Electrical Q factor Elektrische Güte	Qes	0,49
Total Q factor Gesamtgüte	Qts	0,45
Compliance Nachgiebigkeit	Cms	198 μm/N
Equivalent air volume Äquivalentvolumen	Vas	34 L
Force factor Kraftfaktor	B*I	12,7 Tm
Sensitivity Wirkungsgrad	SPL	90,0 dB @ 2,83V 87,0 dB @ 1W / 1m
Cone area Membranfläche	Sd	353 cm ²
Moving mass Bewegte Masse	Mms	112 g
Mechanical resistance Mechanischer Widerstand	Rms	3,73 kg/s
Voice coil diameter Schwingspulendurchmesser	Ø	50,8 mm
Voice coil winding height Schwingspulenwickelbreite		18 mm
Max. linear excursion Max. linearer Membranhub	Xmax	+/- 6 mm

Enclosure recommendations

Gehäuseempfehlungen

Sealed box

Geschlossenes Gehäuse

Net volume Nettovolumen	14 L
Lower limiting frequency (-3 dB) Untere Grenzfrequenz (-3 dB)	46 Hz
Recommended DSP settings Empfohlene DSP-Einstellungen	Highpass: "Self-Define" 45 Hz / Q = 1,3; EQ Filter: 100 Hz / Q = 1,0 / -3,0 dB

Vented box

Bassreflex-Gehäuse

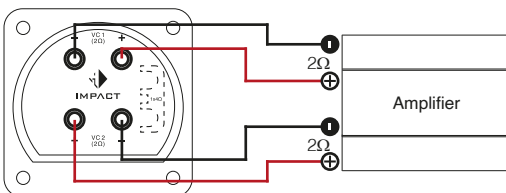
Net volume Nettovolumen	16 L
Port diameter Reflex-Kanaldurchmesser	Ø 70 mm
Port area Reflex-Kanallfläche	38 cm ²
Port length Reflex-Kanallänge	38 cm
Port tuning frequency Tunnelabstimmungsfrequenz	Fb 37 Hz
Lower limiting frequency (-3 dB) Untere Grenzfrequenz (-3 dB)	39 Hz
Recommended DSP settings Empfohlene DSP-Einstellungen	Highpass: "Self-Define" 37 Hz / Q = 1,2; EQ Filter: 95 Hz / Q = 0,7 / -3,0 dB

Wiring configurations

Anschluss

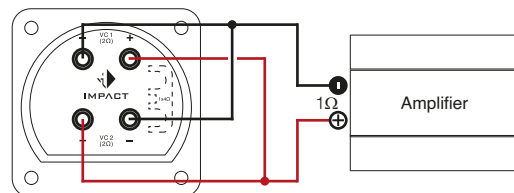
2 x 2 Ω configuration on two amplifier channels

2 x 2 Ω Konfiguration an zwei Verstärkerkanälen



1 x 1 Ω configuration on one amplifier channel

1 x 1 Ω Konfiguration an einem Verstärkerkanal



1 x 4 Ω configuration on one amplifier channel

1 x 4 Ω Konfiguration an einem Verstärkerkanal

