

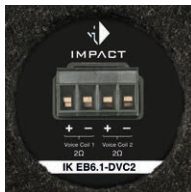
# IK EB6.1-DVC2



## IMPACT

### K-SERIES

160MM / 6INCH SUBWOOFER  
2x2Ω PORTED ENCLOSURE



- Impressive sound pressure and audio performance comparable to larger subwoofers
- Ultra-compact subwoofer in car battery format allows installation in unused battery compartments in vehicle interiors
- Bass reflex enclosure technology for maximum sound pressure
- Powerful 6" / 160 mm high excursion woofer with extremely stiff, hand-scooped paper cone and dual voice coil ensures rich, deep bass
- Voice coil impedance configurable via connection terminal allows flexible system configuration – 2 x 2 Ohms, 1 x 4 Ohms or 1 x 1 Ohm
- Pluggable screw terminal for quick and safe installation and removal
- Sturdy carpet surface with embroidered HELIX logo
- Solid metal grille for perfect protection of the woofer cone

## Technical data

Technische Daten

Power handling <i>Belastbarkeit</i>	RMS	150 W
Recommended amplifier power <i>Empfohlene Verstärkerleistung</i>	RMS	75 - 150 W
Impedance <i>Impedanz</i>	Z	2 x 2 Ω / 1 x 4 Ω / 1 x 1 Ω
Max. linear excursion <i>Max. linearer Membranhub</i>	X <sub>max</sub>	+/- 6 mm
Port tuning frequency <i>Tunnelabstimmungsfrequenz</i>	F <sub>b</sub>	48 Hz
Sensitivity <i>Wirkungsgrad</i>	SPL	89 dB @ 2.83V / 1m 86 dB @ 1W / 1m
Dimensions (H x W x D) <i>Abmessungen (H x B x T)</i>		175 x 175 x 340 mm / 6.9 x 6.9 x 13.4"
Integrated subwoofer chassis <i>Verbautes Subwoofer-Chassis</i>		HELIX IK W6-DVC2

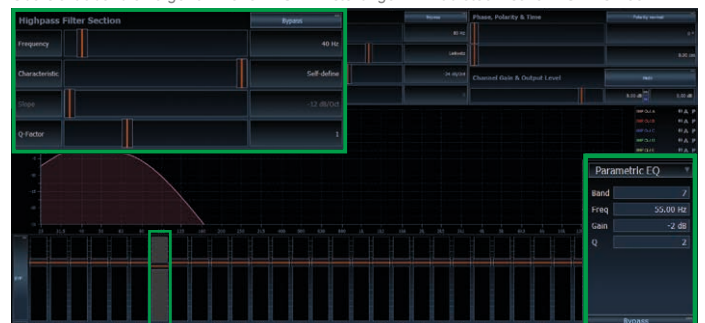
## Recommended DSP settings

Empfohlene DSP Einstellungen

Highpass filter  
*Hochpassfilter* "Self-Define": 40 Hz / Q = 1.0

EQ filter  
*EQ-Filter* 55 Hz / Q = 2.0 / -2 dB

Overview of the DSP settings made in the Audiotec Fischer DSP PC-Tool /  
Übersicht über die vorgenommenen DSP-Einstellungen im Audiotec Fischer DSP PC-Tool



# IK EB6.1-DVC2

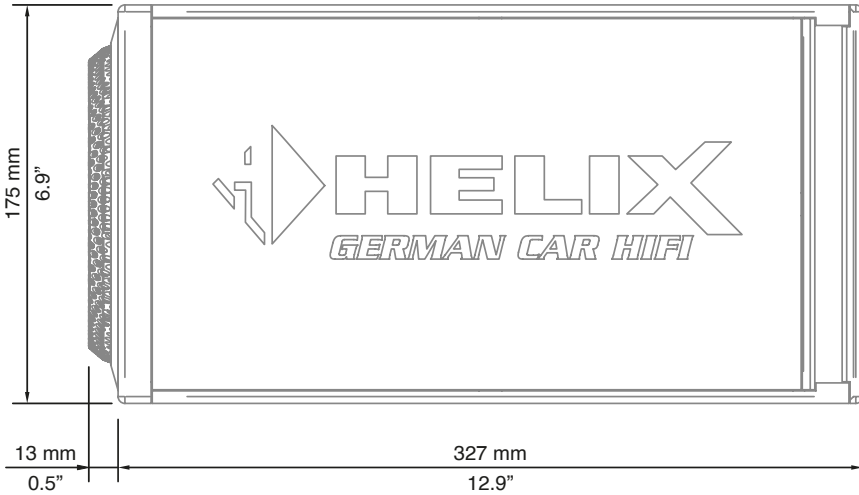


## IMPACT

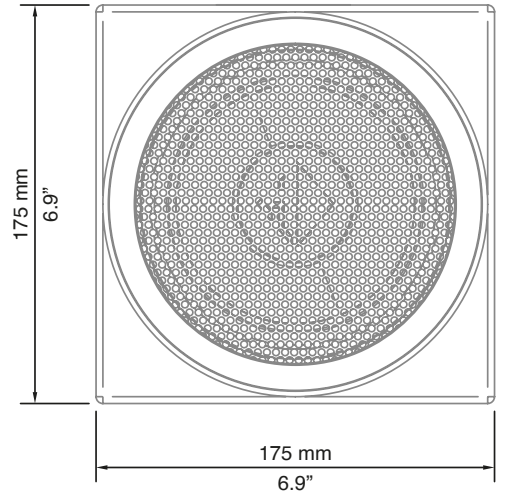
K-SERIES

### Dimensions

Abmessungen



Top view



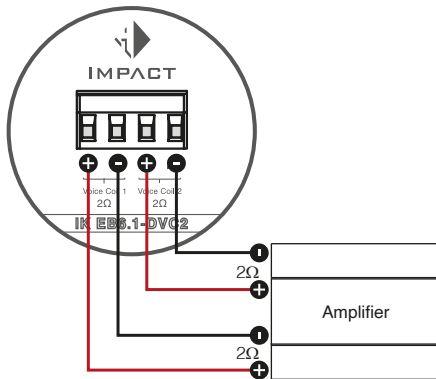
Side view

### Wiring configurations

Anschluss

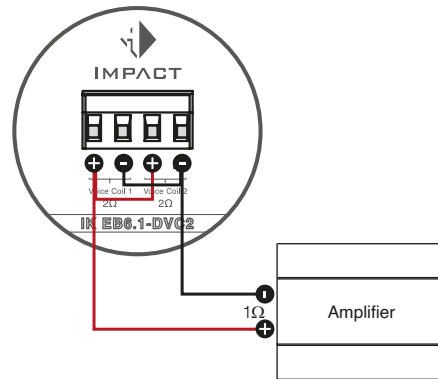
#### 2 x 2 $\Omega$ configuration on two amplifier channels

2 x 2  $\Omega$  Konfiguration an zwei Verstärkerkanälen



#### 1 x 1 $\Omega$ configuration on one amplifier channel

1 x 1  $\Omega$  Konfiguration an einem Verstärkerkanal



#### 1 x 4 $\Omega$ configuration on one amplifier channel

1 x 4  $\Omega$  Konfiguration an einem Verstärkerkanal

