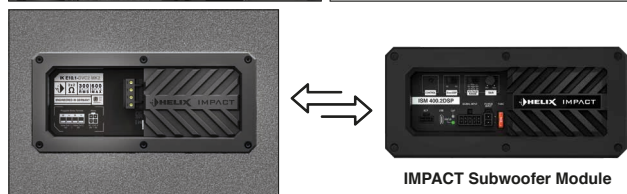
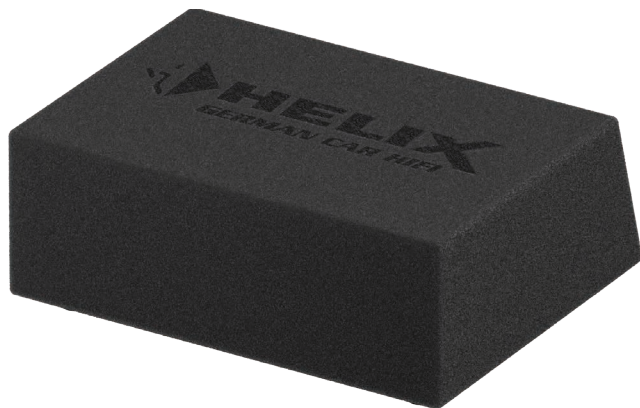


IK E10.1-DVC2 MK2



250MM / 10" SUBWOOFER 2x2Ω PORTED ENCLOSURE



- Downfire enclosure for ideal bass dispersion in the vehicle and perfect protection of the speaker
- Compact ported enclosure design ensures high sound pressures and allows space-saving integration in the vehicle
- Equipped with one powerful 250 mm / 10" subwoofer with hand-scooped paper cone for rich, deep bass
- Voice coil impedance configurable via connection terminal allows flexible system configuration – 2x2 Ohms, 1 x 4 Ohms or 1 x 1 Ohm
- Active subwoofer option – can be converted into an active subwoofer by replacing the terminal with an IMPACT Subwoofer Module (ISM)
- Connection terminal with pluggable screw and additional Molex connector for use with conventional speaker cables or custom wiring harnesses – allows quick and secure installation and removal
- Feet with Velcro tape for a secure stand in the vehicle
- Sturdy carpet surface with embroidered HELIX logo

Technical data

Technische Daten

Power handling <i>Belastbarkeit</i>	<i>RMS</i>	300 W
Recommended amplifier power <i>Empfohlene Verstärkerleistung</i>	<i>RMS</i>	150 - 300 W
Impedance <i>Impedanz</i>	<i>Z</i>	2 x 2 Ω / 1 x 4 Ω / 1 x 1 Ω
Max. linear excursion <i>Max. linearer Membranhub</i>	<i>X_{max}</i>	+/- 8 mm
Max. mechanical excursion <i>Max. mechanischer Membranhub</i>	<i>X_{max}</i>	+/- 18,5 mm
Port tuning frequency <i>Tunnelabstimmungsfrequenz</i>	<i>F_b</i>	43 Hz
Sensitivity <i>Wirkungsgrad</i>	<i>SPL</i>	91 dB @ 2.83V / 1m 88 dB @ 1W / 1m
Dimensions (H x W x D) <i>Abmessungen (H x B x T)</i>		187 x 470 x 375 mm 7.4 x 18.5 x 14.8"
Integrated subwoofer chassis <i>Verbautes Subwoofer-Chassis</i>		HELIX IK W10-DVC2

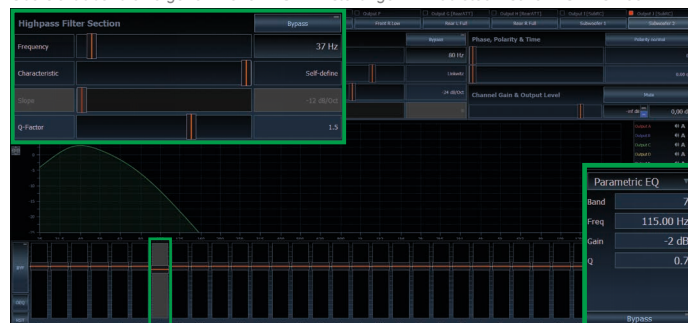
Recommended DSP settings

Empfohlene DSP Einstellungen

Highpass filter
Hochpassfilter "Self-Define": 37 Hz / Q = 1.5

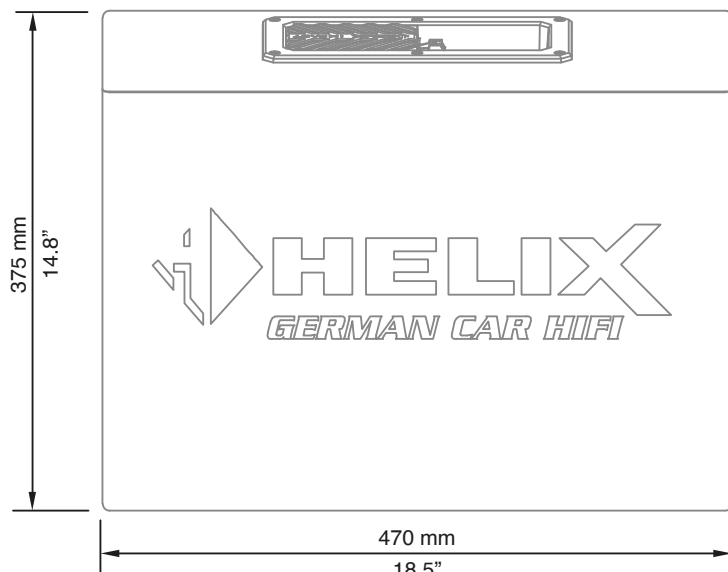
EQ filter
EQ-Filter 115 Hz / Q = 0.7 / -2 dB

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

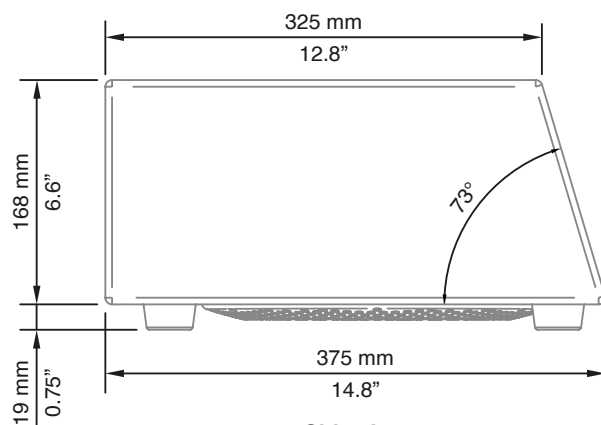


Dimensions

Abmessungen



Top view



Side view

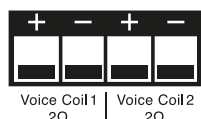
Wiring configurations

Anschluss

Connection options subwoofer

Anschlussmöglichkeiten Subwoofer

Pluggable Screw Terminal



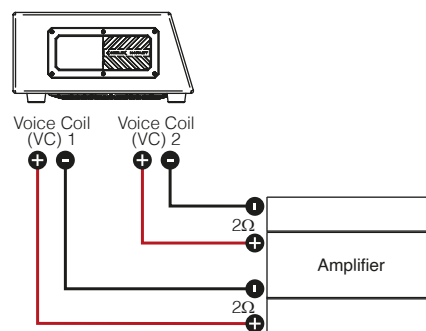
← or →
oder

Molex



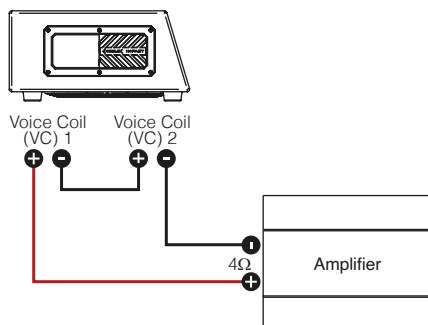
2 x 2 Ω configuration on two amplifier channels

2 x 2 Ω Konfiguration an zwei Verstärkerkanälen



1 x 4 Ω configuration on one amplifier channel

1 x 4 Ω Konfiguration an einem Verstärkerkanal



1 x 1 Ω configuration on one amplifier channel

1 x 1 Ω Konfiguration an einem Verstärkerkanal

