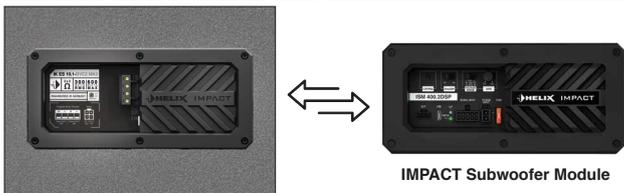


250MM / 10INCH SUBWOOFER 2x2Ω SHALLOW ENCLOSURE



- Downfire enclosure for ideal bass dispersion in the vehicle and perfect protection of the speaker
- Extremely shallow ported enclosure design ensures high sound pressures and allows space-saving integration in the vehicle
- Equipped with one powerful 250 mm / 10" woofer with sandwich paper cone for 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
- 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
- Magnet system screwed to back panel of the enclosure as additional stiffening for stabilization and reduction of enclosure vibrations
- 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>	RMS	300 W
Recommended amplifier power <i>Empfohlene Verstärkerleistung</i>	RMS	150 - 300 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 _{lin}	+/- 6 mm
Max. mechanical excursion <i>Max. mechanischer Membranhub</i>	X _{max}	+/- 15 mm
Port tuning frequency <i>Tunnelabstimmungsfrequenz</i>	F _b	37 Hz
Sensitivity <i>Wirkungsgrad</i>	SPL	91 dB @ 2.83V / 1m 88 dB @ 1W / 1m
Dimensions (H x W x D) <i>Abmessungen (H x B x T)</i>		135 x 725 x 350 mm 5.3 x 28.5 x 13.8"
Integrated subwoofer chassis <i>Verbautes Subwoofer-Chassis</i>		HELIX IK S10-DVC2

Recommended DSP settings

Empfohlene DSP Einstellungen

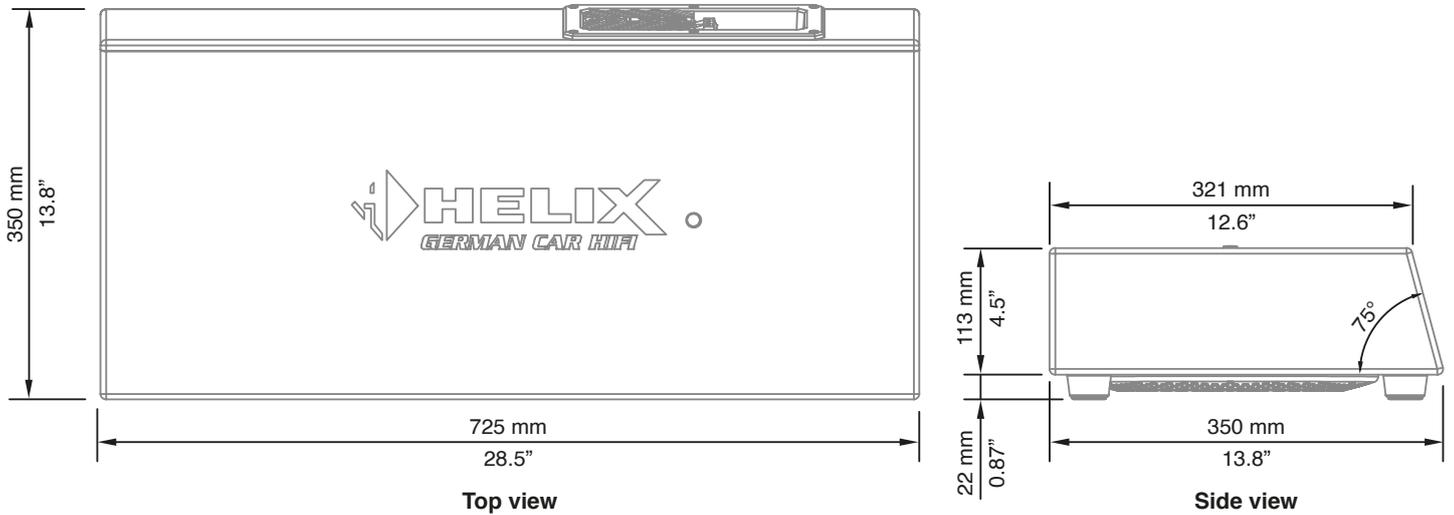
Highpass filter <i>Hochpassfilter</i>	"Self-Define": 37 Hz / Q = 1.2
EQ filter <i>EQ-Filter</i>	95 Hz / Q = 0.7 / -3 dB

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

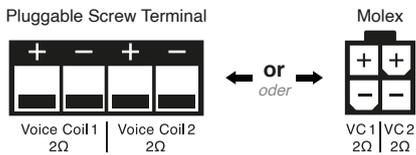


Wiring configurations

Anschluss

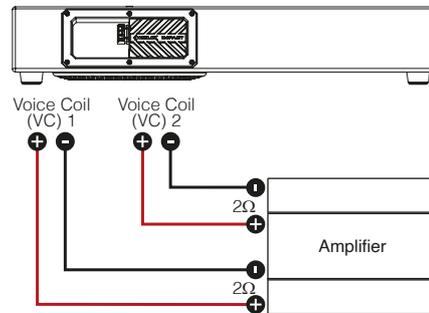
Connection options subwoofer

Anschlussmöglichkeiten Subwoofer



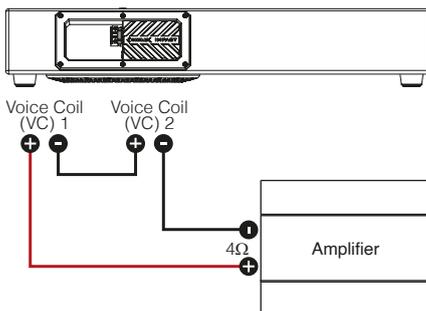
2 x 2 Ω configuration on two amplifier channels

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

