

IK ER8.1-DVC2 MK2



200MM / 8INCH SUBWOOFER 2x2Ω PORTED ENCLOSURE



- Compact, shallow round enclosure designed for space-optimized integration in flat spare wheel recesses
- Sophisticated, vented construction design delivers outstanding sound quality and ideal bass dispersion in the vehicle
- Equipped with one powerful 200 mm / 8" woofer with sandwich paper cone for rich, deep bass
- Configurable impedance 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
- Flush-mounted subwoofer chassis for space-saving design and enhanced protection
- Sturdy carpet surface with embroidered HELIX logo
- Including mounting kit for secure fixation of the enclosure in spare wheel recesses

Technical data

Technische Daten

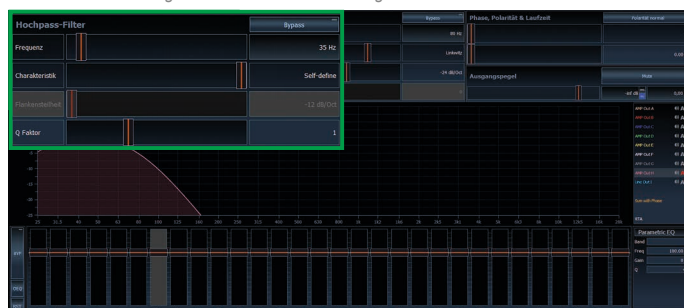
Power handling <i>Belastbarkeit</i>	<i>RMS</i>	300 W
Recommended amplifier power <i>Empfohlene Verstärkerleistung</i>	<i>RMS</i>	150 - 300 W
Impedance <i>Impedanz</i>	<i>Z</i>	2 x 2 Ω / 1 x 4 Ω / 1 x 1 Ω
Max. linear excursion <i>Max. linearer Membranhub</i>	<i>X_{lin}</i>	+/- 6 mm
Max. mechanical excursion <i>Max. mechanischer Membranhub</i>	<i>X_{max}</i>	+/- 12 mm
Port tuning frequency <i>Tunnelabstimmungsfrequenz</i>	<i>F_b</i>	42 Hz
Sensitivity <i>Wirkungsgrad</i>	<i>SPL</i>	88 dB @ 2.83V / 1m 85 dB @ 1W / 1m
Dimensions (D x H) <i>Abmessungen (D x H)</i>		580 x 120 mm 22.8 x 4.7"
Integrated subwoofer chassis <i>Verbautes Subwoofer-Chassis</i>		HELIX IK S8-DVC2

Recommended DSP settings

Empfohlene DSP Einstellungen

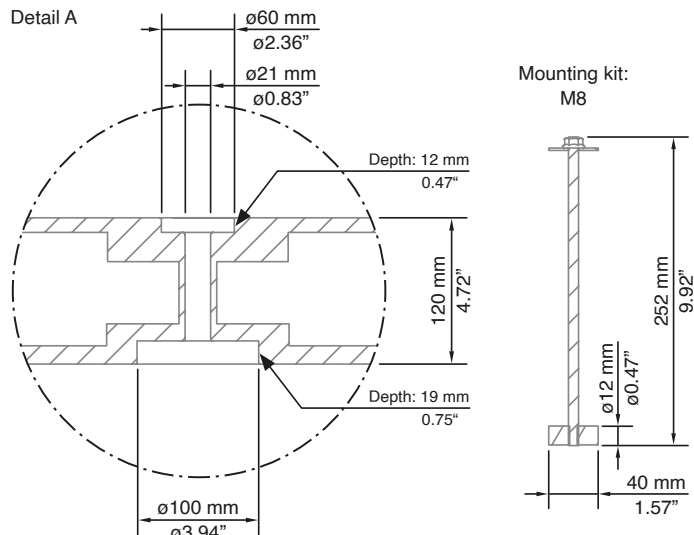
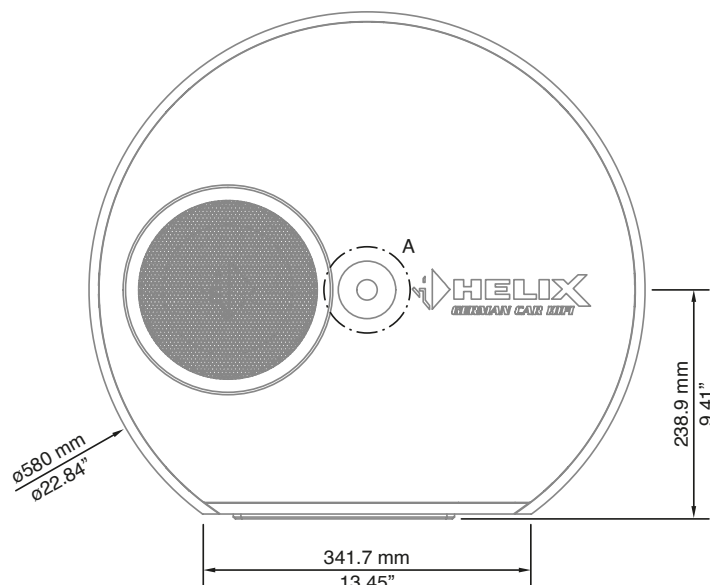
Highpass filter <i>Hochpassfilter</i>	"Self-Define": 35 Hz / Q = 1.0
EQ filter <i>EQ-Filter</i>	Not required

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



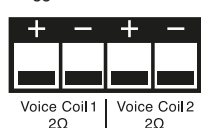
Wiring configurations

Anschluss

Connection options subwoofer

Anschlussmöglichkeiten Subwoofer

Pluggable Screw Terminal

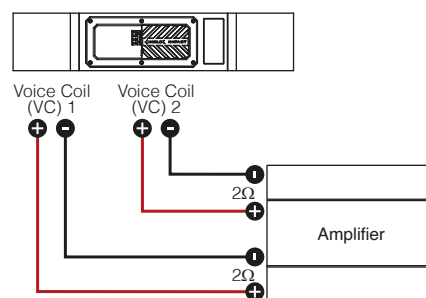


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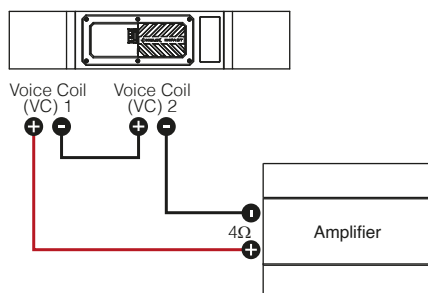
2 x 2 Ω configuration on two amplifier channels

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

