

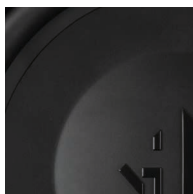
# IK ES10.1-DVC2



## IMPACT

### K-SERIES

## 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
- Magnet system screwed to back panel of the enclosure as additional stiffening for stabilization and reduction of enclosure vibrations
- Pluggable screw terminal for quick and safe installation and removal
- Voice coil impedance configurable via connection terminal allows flexible system configuration – 2x2 Ohms, 1 x 4 Ohms or 1 x 1 Ohm
- Feet with Velcro tape for a secure stand in the vehicle
- Sturdy carpet surface with embroidered HELIX logo

## Technical data

Technische Daten

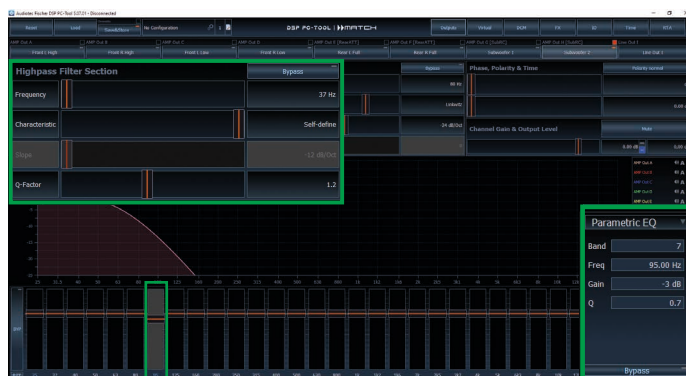
|                                                                     |                        |                                          |
|---------------------------------------------------------------------|------------------------|------------------------------------------|
| Power handling<br><i>Belastbarkeit</i>                              | <i>RMS</i>             | 300 W                                    |
| Recommended amplifier power<br><i>Empfohlene Verstärkerleistung</i> | <i>RMS</i>             | 150 - 300 W                              |
| Impedance<br><i>Impedanz</i>                                        | <i>Z</i>               | 2 x 2 Ω / 1 x 4 Ω / 1 x 1 Ω              |
| Max. linear excursion<br><i>Max. linearer Membranhub</i>            | <i>X<sub>max</sub></i> | +/- 6 mm                                 |
| Port tuning frequency<br><i>Tunnelabstimmungsfrequenz</i>           | <i>F<sub>b</sub></i>   | 37 Hz                                    |
| Sensitivity<br><i>Wirkungsgrad</i>                                  | <i>SPL</i>             | 91 dB @ 2.83V / 1m<br>88 dB @ 1W / 1m    |
| Dimensions (H x W x D)<br><i>Abmessungen (H x B x T)</i>            |                        | 135 x 725 x 350 mm<br>5.3 x 28.5 x 13.8" |
| Integrated subwoofer chassis<br><i>Verbautes Subwoofer-Chassis</i>  |                        | HELIX IK S10-DVC2                        |

## Recommended DSP settings

Empfohlene DSP Einstellungen

Highpass filter  
*Hochpassfilter* "Self-Define": 37 Hz / Q = 1.2

EQ filter  
*EQ-Filter* 95 Hz / Q = 0.7 / -3 dB

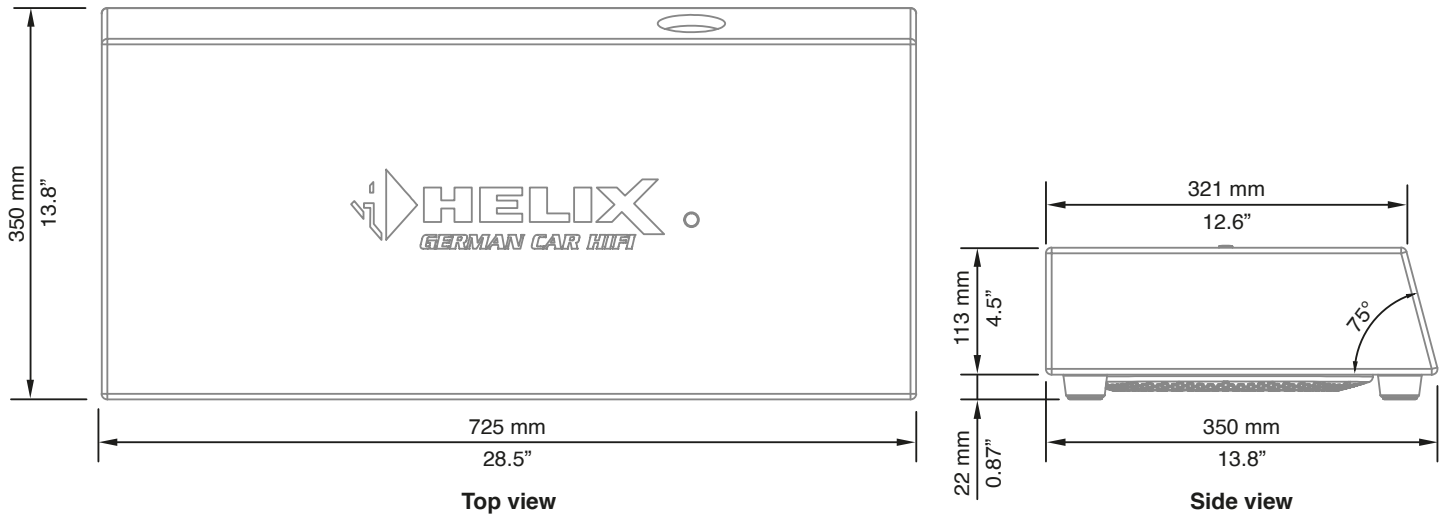


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## Dimensions

Abmessungen

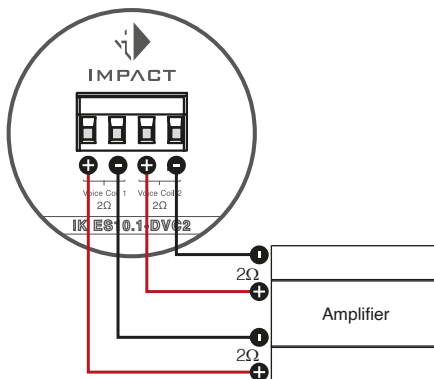


## Wiring configurations

Anschluss

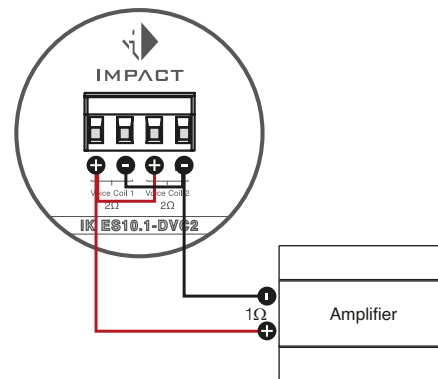
### 2 x 2 $\Omega$ configuration on two amplifier channels

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

