



## FZ 180 CD Cylindric 2-Way Speaker with Constant Directivity

### Description

---

The FZ 180 CD is a cylindrical 2-way speaker with a defined 80° dispersion angle, designed to be suspended from ceilings. The high resilient system with a long excursion 6.5" woofer, 1" neodymium dome tweeter and passive radiator has an optimized cabinet and ensures broad frequency spectrum with exceptional linearity and dynamics. The speaker produces a consistently narrow dispersion angle with perfect music reproduction across the entire frequency range.

As a result, the FZ 180 CD speakers can be used to transmit high speech intelligibility and music in outstanding quality, very evenly and clearly throughout rooms with high reverberation times, even without subwoofers.

The FZ 180 CD can either be suspended from a ceiling or installed using our WH 180 I-bracket, whereby the speakers can be directed towards the listening area.

### Key Features

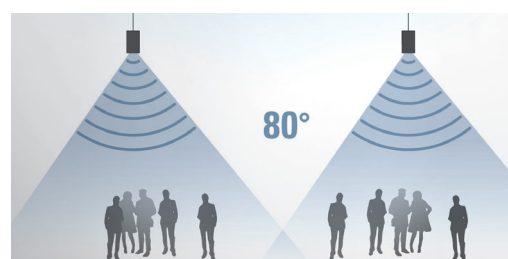
---

- 2-way system with CD characteristic
- 80° dispersion
- High speech intelligibility
- Very linear frequency response
- Outstanding low frequency characteristics
- 6.5" woofer + 1" dome tweeter + 6,5" passive radiator
- 120 watts power capacity
- 8 ohms or 100 V versions
- Standard finish: white and black
- Suitable for humid rooms

### Fields of Application

---

- Home Audio
- Media rooms
- Gastronomy, hotels
- Conference rooms
- Shops, sales rooms
- Exhibitions, trade fairs
- Museums

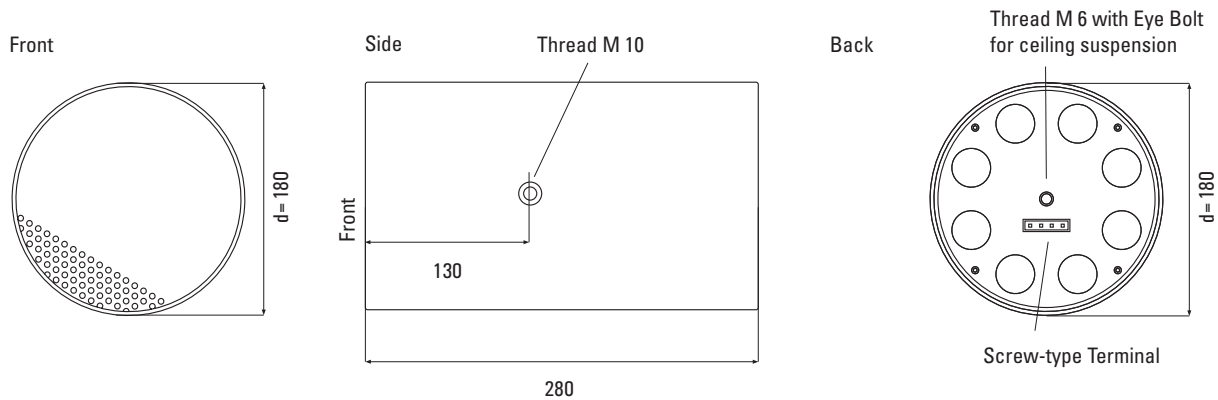


Dispersion characteristics.

# FZ 180 CD

## Cylindric 2-Way Speaker with Constant Directivity

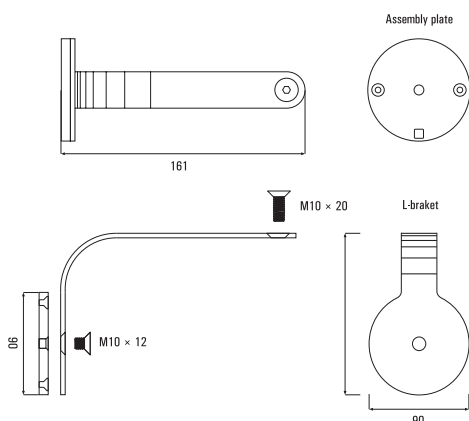
### Dimensions



### Technical Data

Principle	Cylindrical 2-way speaker with CD characteristics
Components	6.5" woofer + 1" waveguide-tweeter + 6.5" passive radiator
Frequency range	60 Hz – 20 kHz
Impedance	8 ohms
Power capacity	60 watts RMS, 120 watts program
Sensitivity	86 dB (1 W @ 1 m)
Maximum SPL	108 dB @ 1 m 100 V version: 103 dB @ 1 m
Nominal dispersion	80°
Dimensions	$d = 180$ mm; $l = 280$ mm
Weight	3.8 kg
Fastening points	Aluminium, powder-coated precision steel grille
Cabinet	Suspension point at rear M 6 with eye bolt, threaded insert M 10 laterally for optional wall mount WH 180
Connectors	Pluggable screw-type terminals
Warranty	5 years

### Dimensions Wall Mount WH 180



### Model

Model	Order-No.	Version
<b>FZ 180 CD White</b>	0603-0005	RAL 9016
<b>FZ 180 CD Black</b>	0603-0006	RAL 9005
<b>FZ 180 CDT White</b>	0603-0007	100 V versions
<b>FZ 180 CDT Black</b>	0603-0008	Power 7.5/15/30 watts

Other colours and versions on request

### Accessories

Accessories	Order-No.	Version
<b>WH 180 White</b> 	7109-0006	L-braket with assembly plate, rotatable/pivotable, incl. savety rope, RAL 9016
<b>WH 180 Black</b> 	7109-0007	L-braket with assembly plate, rotatable/pivotable, incl. savety rope, RAL 9005
<b>SR 300-16</b> 	7109-0008	Stainless steel rope for pendant mounting, lenght 3 m, thickness 1.6 mm, one side with loop

## FZ 180 CD

### Cylindric 2-Way Speaker with Constant Directivity

#### Measuring Diagramm

---

FZ 180 CD Sens. 2,83V/1m: 86 dB (100 – 10k) 70 Hz - 20 kHz (-6 dB)

