

CUSTOM OD 108-T

100V / 70V outdoor loudspeaker - Custom 100-T line



The big sound brought outside thanks to a 8" [21cm] woofer. Developed for long and mid-range configurations, able to maintain enough sharpness for nearfield listening as well, even at low sound level. This is the perfect loudspeaker when great sound dynamics is required outdoors.

Key points

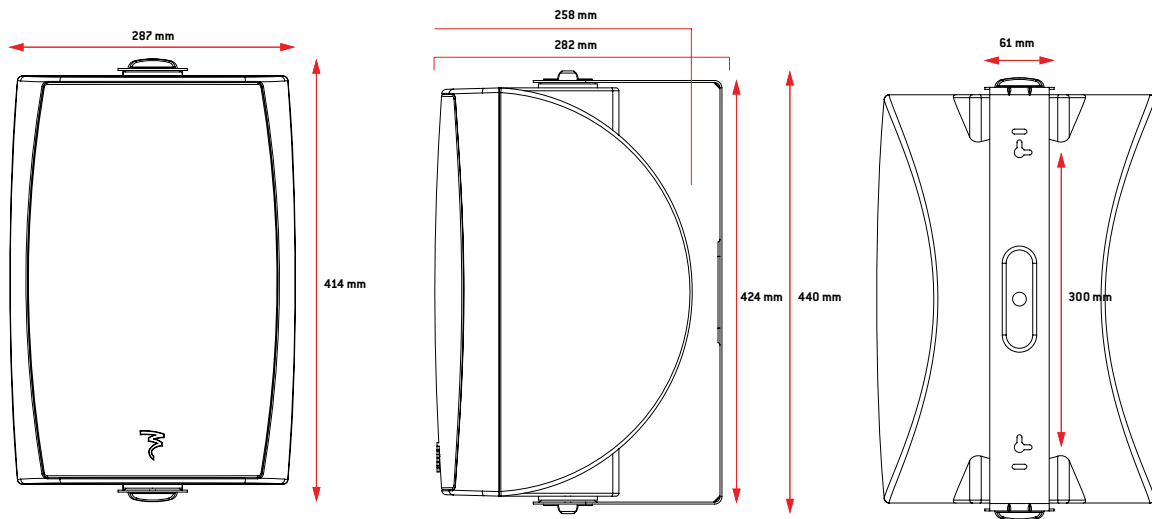
- High power, long-range use outdoor as well as indoor
- High-efficiency, rich and powerful 8" [21cm] woofer
- Low directivity inverted dome tweeter
- Use versatility: music/public address
- Supplied jointed wall fixing with locking system
- Ready-to-be-painted aluminum grille and ABS body
- 8Ω / 100V / 70V mode through switch
- Excellent quality, the Focal sound



Type	2-way bass-reflex outdoor loudspeaker
Speakers	8" [21cm] fiberglass midbass 1" [25mm] Aluminum inverted dome tweeter
Frequency response (+/- 3dB)	50Hz - 20kHz
Low frequency point (- 6dB)	42Hz
Sensitivity [2.83V/1m]	91dB
Nominal impedance	8 Ohms
Horizontal directivity (1kHz / 4kHz, - 6dB)	120° / 120°
Vertical directivity (1kHz / 4kHz, - 6dB)	105° / 60°
Crossover frequency	2 400Hz
Power	120W / 8Ω 60W, 30W, 15W / 100V 60W, 30W, 15W, 10W / 70V
Dimensions (H x L x D)	16 ^{5/16} x 11 ^{5/16} x 10 ^{3/16} " (414 x 287 x 258mm)
Weight	5.8kg



FOCAL
the Spirit of Sound



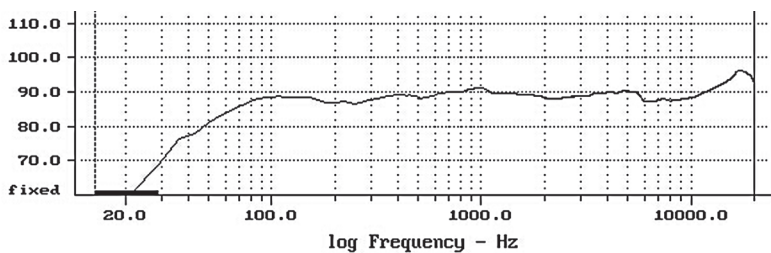
Environmental characteristics

Ambient temperature	-25 °C to + 55 °C
Watertightness	Outdoor and humid environment
Finish	White, ready-to-be-painted, anti UV protection

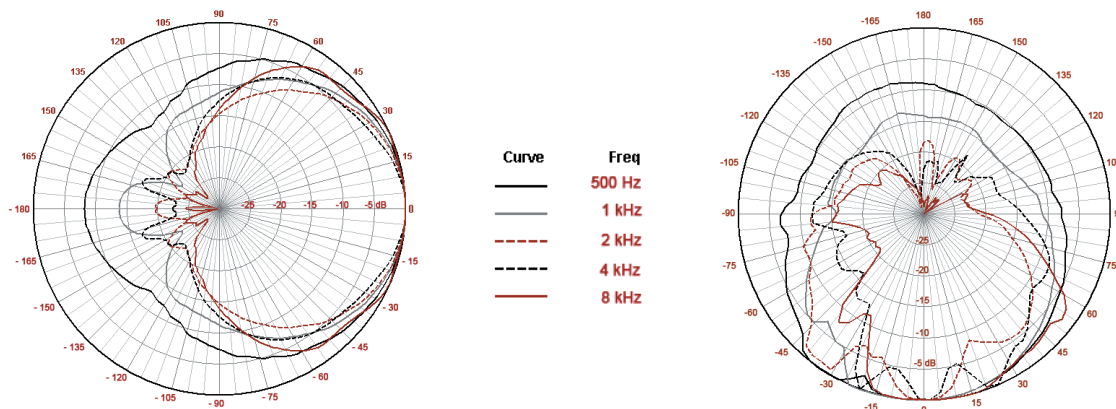
Packaging

- 1 loudspeaker
- 2 screws
- 2 plugs
- 1 metallic frame
- 2 fixing screws for the frame
- 1 grille with logo

Frequency response



Directivity



Speaker level calculation table

Power/Distance	2 meter	5 meter	10 meter
1 W	85dB	77dB	71dB
15 W	97dB	89dB	83dB
30 W	100dB	92dB	86dB
60 W	103dB	95dB	89dB
120 W	106dB	98dB	92dB

Examples of average ambient levels

110dB	Discotheque
90dB	Pub, stadium during a goal
80dB	Multipurpose room, station, stadium terraces
70dB	Supermarket, shop, swimming-pool, ice-rink
60dB	Conference room, office, museum, place of worship
50dB	Classroom
25dB	Quiet room