



## F 208 AIArray Line-Array Speaker with Adjustable Directional Characteristic


  
 adapted line array

### Description

The line-array loudspeaker F 208 AIArray® is a universal PA loudspeaker with electronically adjustable directional characteristic which can be employed both as an individual loudspeaker and in line array. The mid-high unit with 6 × 1" components and AIArray® technology (patent pending) permits the electronic change-over of the beam width from 10° to 30°. The 10° setting is envisaged for line-array operation. In this way it is possible to couple the F 208 AIArray® seamlessly without any interference in the high-frequency range; at the same time the full beam width of the line array can be adjusted flexibly.

At the 30° setting the F 208 AIArray® can be operated extremely well as an individual loudspeaker with a dispersion angle of 120° × 30° (H × V). Here the ample horizontal beam width permits a very even coverage of the listening area. The AIArray® technology with 6 neodymium dome tweeters affords very detailed, transparent music reproduction and maximum intelligibility.

### Special features

- 2 × 8" bass + 60 × 1" mid-high horn
- Electronically adjustable vertical beam width
- Dispersion angle (H × V) 120° × 10° and 120° × 30°
- Frequency range 72 ... 22.000 Hz
- Power capacity 800 watts
- Maximum sound pressure 124 dB
- Extensive mounting accessories

### Fields of application

- PA, mobile systems
- Clubs, discotheques
- Concert halls, theatres
- Large rooms, halls

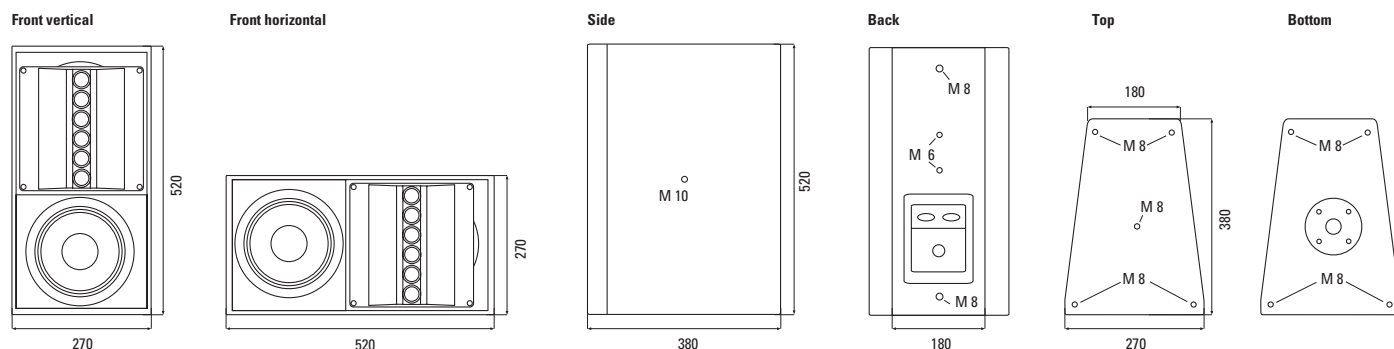


Line-Array with  
4 × F 208 AIArray

# F 208 AIArray

## Line-Array Speaker with Adjustable Directional Characteristic

### Dimensions F 208 AIArray






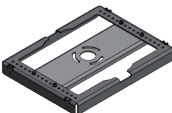
### Technical data

|                          |   |
|--------------------------|---|
| Principle                | 2-way PA loudspeaker with adjustable directional characteristic   |
| Components               | 2 × 8" woofer, 6 × 1" high-frequency line array (rotatable horn)  |
| Frequency range          | 72 ... 22,000 Hz, 90 ... 22,000 Hz (+/-3 dB)  |
| Impedance                | 8 ohms  |
| Power capacity           | RMS 400 watts, program 800 watts  |
| Sound pressure           | 95 dB (1W/1m), max. 124 dB  |
| Dispersion angle (H × V) | 120° × 10° and 120° × 30° switchable  |
| Dimensions (W × H × D)   | 270 × 520 × 380 mm  |
| Weight                   | 16 kg   |
| Cabinet                  | Multiplex cabinet, trapezoidal, Textured paint, stand flange, Threaded inserts M 8 above/below/behind Front metal grille lined with foam material |
| Connectors               | 2 × Speakon   |
| Warranty                 | 5 years   |

### Model

| Model               | Order-No. | Version                         |
|---------------------|-----------|---------------------------------|
| F 208 AIArray Black | 1413-0001 | RAL 9005, textured paint, black |

### Accessories

| Accessories   | Order-No. | Version   |
|---|-----------|---|
| UB 208<br>   | 7114-0022 | U-Bracket, black incl. mounting material                          |
| UB 208 Q<br> | 7114-0023 | U-Bracket for transversal mounting, black incl. mounting material |
| MS 208<br>   | 7114-0024 | Mounting set for F 208 in line arrays black, powder-coated        |
| FR 208<br>   | 7114-0025 | Rigging frame for line arrays consisting of 2 – 4 x F 208 AIArray |



Connector terminal with switch  
120° × 10°/30°



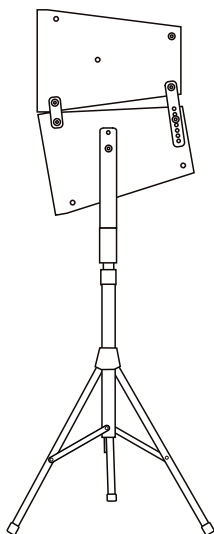
6 × 1" tweeter line array

# F 208 AIArray

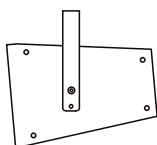
## Line-Array Speaker with Adjustable Directional Characteristic

### F 208 AIArray Installation Examples

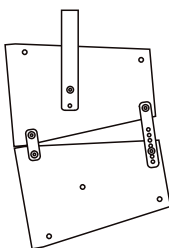
2 × F 208 AIArray  
(10° + 30°)  
transversally on  
stand



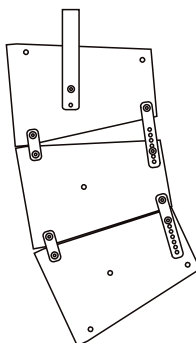
AL 208 AIArray  
transversally with  
U-bracket  
120° × 30° (H × V)



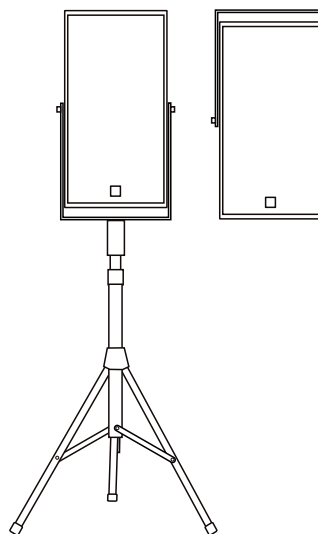
2 × AL 208 AIArray  
transversally with  
U-bracket  
120° × 30° (H × V)



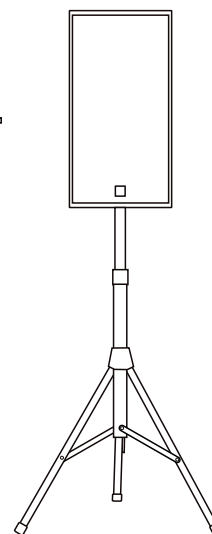
F 208 AIArray  
transversally with  
U-bracket  
(2 × 10° + 30°)



F 208 AIArray  
with U-bracket or  
U-bracket + stand  
120° × 30° (H × V)



F 208 AIArray  
on stand  
120° × 30° (H × V)



### Measuring Diagram

Frequency response Sens. 2.83 V/1m: 95 dB (100-20k) 72 Hz - 20 kHz (-6 dB) full space

