

DS100/T PLUS BLACK-EN54 LINE ARRAY

4x2-way loudspeaker for Voice Alarm, 400W power, certified EN 54-24



Technical Data

|                            |                                          |
|----------------------------|------------------------------------------|
| Colour                     | RAL 9005                                 |
| Dimensions                 | 0°: 341x852x274 mm / 45°: 341x765x430 mm |
| Dispersion -6dB, 500Hz     | 182° (h) 62° (v)                         |
| Dispersion -6dB, 1KHz      | 78° (h) 30° (v)                          |
| Dispersion -6dB, 2KHz      | 82° (h) 11° (v)                          |
| Dispersion -6dB, 4KHz      | 175° (h) 10° (v)                         |
| Sensitivity EN54-24, 1W/1m | 92 dB                                    |
| Sensitivity EN54-24, 1W/4m | 80 dB                                    |
| Frequency Range            | 56 - 20.500 Hz (Tweeter odB)             |
| Frequency Response         | 50 - 22.000 Hz (Tweeter odB)             |
| SPL IEC268-5, 1W/1m        | 97 dB                                    |
| SPL EN54-24, Pmax/4m       | 107,5 dB                                 |
| Power                      | 4x 100/50 /25 W                          |

TO MAKE PEOPLE LISTEN



## DS100/T PLUS BLACK-EN54 LINE ARRAY

### Mounting Instruction

3-step assembly: first mounting the speakers with the flying frame, then fixing the safety cable, and finally mounting the flying frame (arrays) on the ceiling.

1. Use 4 DS 100 loudspeakers and place them on a scratch-resistant surface. Take the M6x14 screws, the eye-bolt and the washer out of the package.
2. Open the array bracket set. Remove the mounting material and the components from the Array Bracket Set.
3. Equip each DS 100 loudspeaker with 2 T-connectors and 4x M6x14 screws each.
4. Stand the DS 100 loudspeakers upright.
5. Use the 3 long lateral brackets and M6x14 screws to secure each side of the array. Ensure proper alignment and use the appropriate holes according to the desired configuration.
6. Then use the smaller brackets and M6x14 screws to attach the flying frame.
7. Rotate the mounting components 180° and repeat the steps until the mount is fully assembled.
8. Screw 4 eyebolts into the flying frame.
9. Screw 4 eyebolts with the washers into the backs of the speakers.
10. Install the securing steel cable now. You will need pliers and an SW7 screwdriver. Attach the steel cable to the flying frame, making sure to pass it through each speaker's eyebolt.
11. For the final ceiling mounting, fix the entire array bracket with suitable mounting material to the ceiling.



CE-Symbol according to 93/68EWG  
Measurements according to DIN IEC 268-5  
RoHS compliant (2011/65/EU)  
CPR compliance according 305/2011/EU

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