



## Akustyka i bezpieczeństwo

# TS-C 10-300/T-EN54

- aluminium housing
- weather proof





EN 54-24:2008 Ref. Nr.: 006-13 ID-Code: SAA-LS06 1438/CPD/0315

ic audio GmbH, Boehringerstraße 14a, D-68307 Mannheim, Germany

CE-Symbol gemäß Richtlinie 93/68EWG



The speaker is also secured with the high protection class IP 66 against the security risks of environmental influences.

The easy mounting with the included swivel bracket provides much flexibilty for the installation. Special paint of the speaker in 4-digit RAL- or NCS- colour available at extra cost.



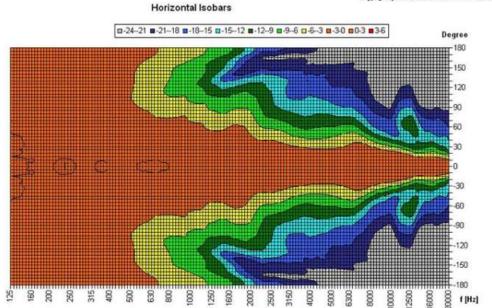


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#### **Polar Diagrams**

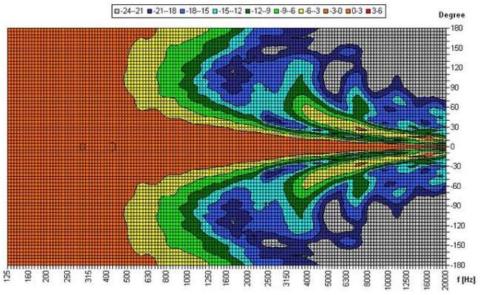
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Parameters: Cyclic Move: 0°; Symmetry: average sym; Freq.Smooth: 1/3 Oct; Ang.Resol.: 5°; Rel. to: 0° Axis 0°

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#### Vertical Isobars



Parameters: Cyclic Move: 0°; Symmetry: average sym; Freq.Smooth: 1/3 Oct; Ang.Resol.: 5°; Rel. to: 0° Axis

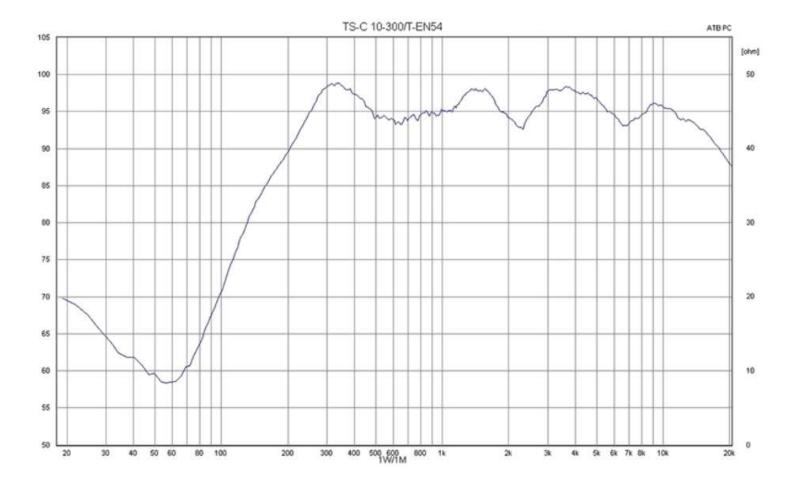






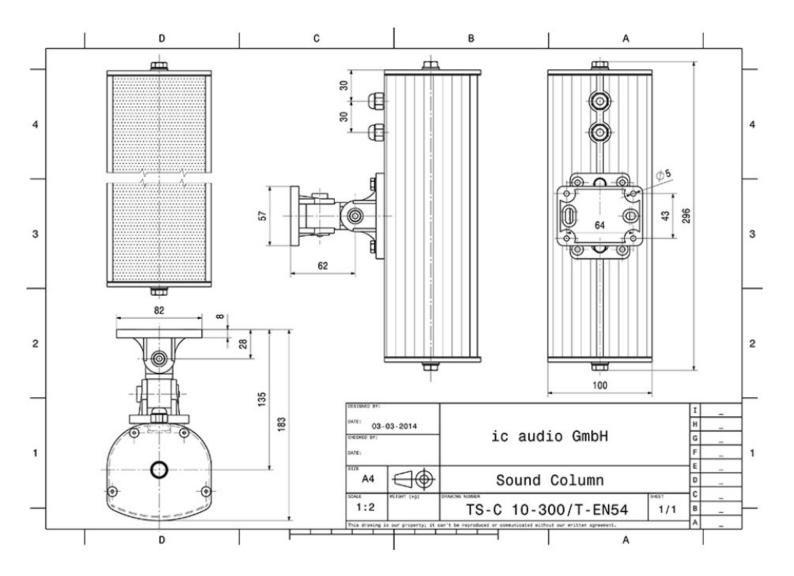
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#### **Frequency Response Diagrams**





## **Technical Diagrams**









### **Technical Data (Electrical)**

| Description                  | TS-C 10-300/T-EN54      |
|------------------------------|-------------------------|
| Power                        | 10/6/3/1,5 W            |
| Impedance (100V)             | 1000/1667/3333/6667 ohm |
| Frequency Range              | 210 - 17.700 Hz         |
| Frequency Response           | 140 - 23.500 Hz         |
| SPL 1W/1m, peak              | 97,6 dB                 |
| SPL, 1W/4m, peak             | 85,6 dB                 |
| SPL Pmax/4m, peak            | 95,6 dB                 |
| Sensitivity EN54-24, 1W/4m   | 77,2 dB                 |
| Sensitivity IEC 268-5, 1W/1m | 89,2 dB                 |
| Dispersion -6dB, 500 Hz      | h/v = 360°              |
| Dispersion -6dB, 1KHz        | h = 187°, v = 108°      |
| Dispersion -6dB, 2KHz        | h = 149°, v = 66°       |
| Dispersion -6dB, 4KHz        | h = 91°, v = 32°        |
|                              |                         |

#### **Technical Data (Mechanical)**

| Dimensions                    | 296x100x92 mm         |
|-------------------------------|-----------------------|
| IP Rating                     | IP66                  |
| Weight (net)                  | 1,70 kg               |
| Temperature range             | -20 / +90 °C          |
| Mounting                      | Swivel bracket        |
| Connector                     | 2-pin ceramic block   |
| Maximum cable cross section   | 8mm <sup>2</sup>      |
| Max. cable cross section loop | 2 x 2 mm <sup>2</sup> |
| Colour                        | RAL 9006              |

