

# K&F SONA 8 XW

- 2-way passive system with bass reflex tuning
- Precise directivity with a rotatable CD horn, 110° x 55° (hor. x vert.)
- Mounting arm with ball joint for horizontal and vertical alignment, mounting arm M (104 mm) included as standard
- 125 dB max. SPL



The SONA 8 XW is a very compact passive speaker with a neutral and true-to-detail playback quality. An integrated mounting arm with ball joint enables a very flexible alignment of the speaker. The modern enclosure design blends into the sophisticated design surrounding it.

The SONA 8 XW is equipped with a 1" compression driver with well known CD horn of the CA 1001 and a 8" bass chassis. A phase corrected crossover guarantees sound quality that is predominantly constant, even under extreme listening conditions. The nominal coverage of the system is 110° x 55°.

The speaker is available in white or black. Upon request, many special RAL colours are available on requests. With its mounting arm, you can align the system up to 90° horizontally. The Speakon and Phoenix connectors are recessed into the case and are covered with a bolted cover plate so that all disturbing elements are hidden. A safety eyebolt is integrated into the enclosure for connecting a safety rope.

The speaker was especially designed for the integration into artistically demanding settings and blends very well into conference areas, multimedia usages, gastronomy sound systems, and temporary uses, i.e. at trade fair booths. The SONA 8 XW is suitable for many PA functions in the near field and for decentralised PA systems such as surround, effect, and delay usages.

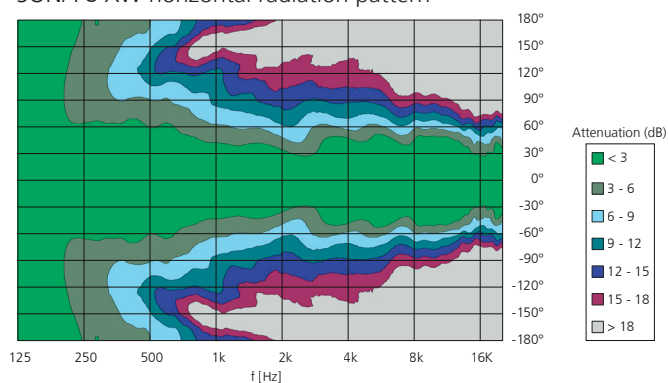
The systematic implementation of high development goals, the attractive design with the intelligent ball joint mount, and especially the excellent acoustic characteristics qualify the SONA 8 XW for a variety of usage ranges in modern PA technology.

## K&F SONA 8 XW

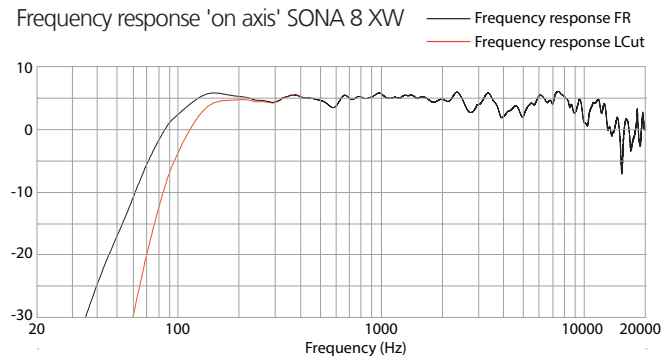
|                                  |                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Design</b>                    | Passive 2-way bass reflex system                                                                                                                                                                                                                                                                                                 |
| <b>Operation with</b>            | K&F PLM+ Series<br>K&F D Series<br>K&F IPX 1200 and 2400<br>Lab.gruppen IPD 2400 <sup>1</sup><br>K&F SystemRack <sup>1</sup><br>Passive on linear amplifiers                                                                                                                                                                     |
| <b>Frequency response -10 dB</b> | 61 Hz – 26 kHz 'passive'<br>82 Hz – 26 kHz 'LCut Mode'<br>58 Hz – 26 kHz 'FR Mode'                                                                                                                                                                                                                                               |
| <b>Frequency response ±3 dB</b>  | 77 Hz – 23.5 kHz 'passive'<br>104 Hz – 23.5 kHz 'LCut Mode'<br>62 Hz – 23.5 kHz 'FR Mode'                                                                                                                                                                                                                                        |
| <b>Coverage angles nominal</b>   | 110° x 55° (hor. x vert.), rotatable CD horn                                                                                                                                                                                                                                                                                     |
| <b>Power handling nominal</b>    | 250 watts                                                                                                                                                                                                                                                                                                                        |
| <b>Power handling program</b>    | 500 watts                                                                                                                                                                                                                                                                                                                        |
| <b>Power handling peak</b>       | 1,000 watts                                                                                                                                                                                                                                                                                                                      |
| <b>Max. SPL</b>                  | 125 dB (SPL peak/1 m)                                                                                                                                                                                                                                                                                                            |
| <b>Impedance nominal</b>         | 8 Ω                                                                                                                                                                                                                                                                                                                              |
| <b>Loudspeaker per channel</b>   | See matrix                                                                                                                                                                                                                                                                                                                       |
| <b>Components</b>                | 1" compression driver with 45 mm Titanium diaphragm<br>8" low-mid frequency chassis                                                                                                                                                                                                                                              |
| <b>Connectors</b>                | 2 x speakON® 4-pol. NL4MP (1+/1-)<br>1 x Phoenix connector (parallel)                                                                                                                                                                                                                                                            |
| <b>Enclosure</b>                 |                                                                                                                                                                                                                                                                                                                                  |
|                                  | Design enclosure out of Multiplex, highly resistant structure paint (PU) in RAL 9005 (black) or RAL 9010 (white), safety eyelet for quick chain link, ball joint mounting arm (104 mm) with mounting plate, sunk-in, to the bottom faced and concealed connectors, exchangeable front grille in enclosure colour, rotatable logo |
| <b>Dimensions (W x H x D)</b>    | 240 x 450 x 285 mm                                                                                                                                                                                                                                                                                                               |
| <b>Weight</b>                    | 12.3 kg                                                                                                                                                                                                                                                                                                                          |
| <b>Colour</b>                    | RAL 9005 (black)<br>RAL 9010 (white)<br>RAL special colour                                                                                                                                                                                                                                                                       |
| <b>Options</b>                   | '100 Volt' with 50/100/150 VA transformer (13.9 kg)                                                                                                                                                                                                                                                                              |
| <b>Accessories</b>               | See catalogue or <a href="http://www.kling-freitag.com">www.kling-freitag.com</a>                                                                                                                                                                                                                                                |

<sup>1</sup> Discontinued

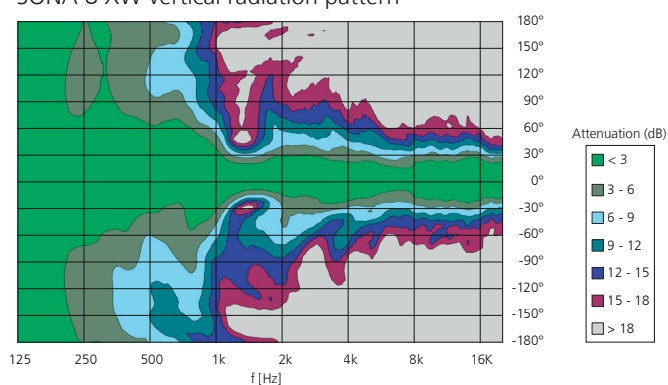
SONA 8 XW horizontal radiation pattern



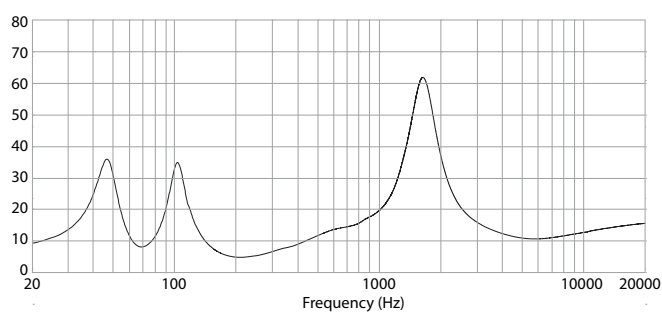
Frequency response 'on axis' SONA 8 XW



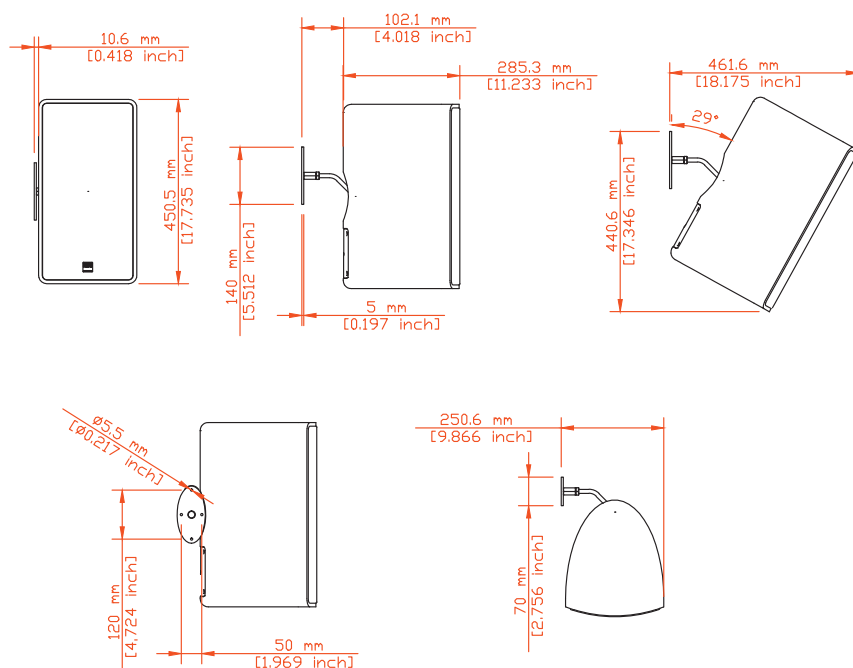
SONA 8 XW vertical radiation pattern



Impedance SONA 8 XW



All measurements under free field conditions. Frequency patterns 1/6 octave averaged. The manufacturer reserves the right to make product alterations to improve product quality without prior notice. Errors excepted.



Further information and data like specifications, manuals, technical drawings as DWG, DXF and PDF files as well as data files for acoustic simulations with Ease and Ulysses are available on our web site [www.kling-freitag.de](http://www.kling-freitag.de)

**KLING & FREITAG GmbH**  
Wohlenbergstr. 5  
D-30179 Hannover  
Tel. +49 (0)511 96 99 7-0  
Fax +49 (0)511 96 99 7-97