K&F CA 1515-9 – SP

- 2-way full-range system with multi-purpose enclosure and integrated driver and power amplifier technology
- 15" low-mid chassis
- 1.5" high-frequency driver on a rotatable 90° x 50° CD horn
- Max. SPL 129 dB (peak/1 m)

The CA 1515-9 – SP is an active plug-and-play full-range system with powerful bass reproduction for high quality, assertive near field and medium-range sound reinforcement.

Even in situations where relatively little equipment is in use, the CA 1515-9 – SP, with its precise radiation characteristics, achieves a broad and extremely homogeneous acoustic coverage.

Natural reproduction of speech and music, even at very high volume levels, characterize the CA 1515-9 – SP. Additional subwoofers can often be dispensed with, even when increased bass response is required. A special phase alignment in the CA 1515-9 – SP optimizes parallel operation with all K&F SP series subwoofers.

Whether as active stage monitor or complete P.A. system; the simple handling and high performance are convincing in a wide range of applications, both in mobile use and installed in theatres, opera houses, discos, live clubs, all-purpose halls or TV and radio studios.

The fan-free system electronics contain the convection-cooled and highly efficient digital 1 kW Class D power amplifier and take care of the specific basic equalization. The elaborate limiter section with RMS and peak limiters ensures a high level of operating safety. Thus equipped one can do without the addition of a controller.

The multifunctional enclosure with 5 flying points, carrying handles and stand adapter make for a quick and secure set-up. The CA 1515-9 – SP is without doubt a highly flexible tool in the highest category of professional active systems.

### Loudspeaker

<table>
<thead>
<tr>
<th>Design</th>
<th>2-way full-range system with integrated driver and power amplifier technology, bass reflex tuning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency range -10 dB</td>
<td>48 Hz - 22 kHz (FILTERS 'OFF')</td>
</tr>
<tr>
<td>Frequency range ±3 dB</td>
<td>75 Hz - 19 kHz (FILTERS 'ON' and FILTERS 'OFF')</td>
</tr>
<tr>
<td>Coverage angles nominal</td>
<td>90° x 50° (hor. x vert.) Rotatable horn</td>
</tr>
<tr>
<td>Max. SPL</td>
<td>129 dB (SPL peak/1 m)</td>
</tr>
<tr>
<td>Components</td>
<td>1.5&quot; high frequency driver with 75 mm titanium dome, 15&quot; low-mid chassis, passive crossover, 1.1 kHz 12 dB/octave, self-resetting protection circuit for 1.5&quot; chassis, time and phase correction</td>
</tr>
</tbody>
</table>

### Input connectors

- LINE IN: XLR 3 pin female, LINE OUT: XLR 3 pin male, parallel with LINE IN, Pin 1=ground/Pin 2=+signal/Pin 3=-signal

### Supply voltage

- 230 V version: AC 195 – 250 V, 50/60 Hz
- Alternative
  - 115 V version: AC 95 – 125 V, 50/60 Hz

### Burst current (Irms / <500 ms)

- @ 230 V: 1.25 A @115 V: 2.5 A

### Idle Current

- @ 230 V: 200 mA @ 115 V: 400 mA

### Amplifier Module

- **Type**: Class D
- **Power**: 1000 W @ 8 Ω (EIAJ)
- **Power bandwidth**: 10 Hz to 30 kHz
- **Damping factor**: >500 (100 Hz), >100 (10 kHz)
- **S/N ratio**: >105 dB (A)
- **Cooling**: Air convection (without fan)
- **Protection circuits**: Short circuit, over-temperature, clipping, overload

### Enclosure

- **Trapezoidal enclosure out of 15 mm multiplex with highly resistable structured paint (PU) in RAL 9005 (black), monitor and cluster angles, 5 flying points 'allsafe Jungfalk', 2 butterfly handles, mounting flange K&M 19656, ball proof steel grille with exchangeable acoustic foam (black) in front of the grille**

<table>
<thead>
<tr>
<th>Weight</th>
<th>38.9 kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>RAL 9005 (black)</td>
</tr>
<tr>
<td>Dimensions (W x H x D)</td>
<td>434 x 680 x 411 mm</td>
</tr>
<tr>
<td>Option</td>
<td>'special finish in RAL colours'</td>
</tr>
<tr>
<td>Accessories</td>
<td>see catalog or <a href="http://www.kling-freitag.com">www.kling-freitag.com</a></td>
</tr>
</tbody>
</table>
All measurements under free field conditions. Frequency diagrams 1/6 octave averaged, radiation and polar pattern 1/3 octave averaged. The manufacturer reserves the right to make product alterations to improve product quality without prior notice. Errors excepted.