# DATA SHEET

## DESONO™ KUBO3T

**FULL RANGE 3-INCH SURFACE MOUNT LOUDSPEAKER**

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### FEATURES

- High speech intelligibility coupled with full-range music reproduction
- Stylish yet subtle design; blends well in many environments
- Can be mounted to track lighting rails through innovative optional accessories
- IP40 rated
- Tap switch allows for 70V/100V or 16Ω low impedance operation
- Loudspeaker overload protection for 24/7 failsafe operation

### TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Operating Mode</th>
<th>Passive</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Environment</td>
<td>Indoor</td>
</tr>
<tr>
<td>Operating Range (-10dB)</td>
<td>115 Hz to 20 kHz</td>
</tr>
<tr>
<td>Nominal Beamwidth (H x V)</td>
<td>100° x 100°</td>
</tr>
<tr>
<td>Transducers</td>
<td>1 x 3&quot; (76 mm) polypropylene cone</td>
</tr>
<tr>
<td>Continuous Power Handling @ Nominal Impedance</td>
<td>20V 25W @ 16Ω (100W peak)</td>
</tr>
<tr>
<td>Nominal Sensitivity @ 1m</td>
<td>@ 1W @ 2.83V 86 dB 83 dB</td>
</tr>
<tr>
<td>Nominal Maximum SPL @ 1m</td>
<td>Peak Continuous 106 dB 100 dB</td>
</tr>
<tr>
<td>Transformer</td>
<td>70V: 10W, 5W, 2.5W, 1.25W 100V: 10W, 5W, 2.5W</td>
</tr>
<tr>
<td>Protection</td>
<td>3-step self-resetting protection</td>
</tr>
<tr>
<td>Recommended Amplifiers</td>
<td>25W - 50W @ 16Ω (20V - 28V)</td>
</tr>
</tbody>
</table>

### PHYSICAL

| Input Connection | (2x) 2-way Euroblock connectors for daisy-chaining; connectors accept up to 12 AWG (2.5 mm²)conductors |
| Controls | Power tap / low impedance selector switch |
| Mounting Provisions | U-bracket |
| Environmental | IP40 per IEC 60529 |
| Dimensions H x W x D | 125 mm x 131 mm x 109 mm (4.9" x 5.2" x 4.3") |
| Weight | 1.2 kg (2.6 lbs) |
| Finish | Refer to the Technical Drawings (page 3) |
| Accessories (included) | U-bracket; safety cable |

### OPTIONS

| Accessories | LRABAS(-BL/-W): Basic light rail adaptor, black or white  LRAPRE(-BL/-W): Premium light rail adaptor, black or white |

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Biamp strives to improve its products on a continual basis. Specifications are therefore subject to change without notice.  
Data presented on this spec sheet represents the basic performance specifications for the model. For a detailed analysis of this loudspeaker’s performance, please download the GLL file from our website: biamp.com
**FREQUENCY RESPONSE** (dB SPL)

![Graph showing frequency response](image1)

**HORIZONTAL OFF-AXIS RESPONSE** (dB)

![Graph showing horizontal off-axis response](image2)

**IMPEDANCE** (Ohms)

![Graph showing impedance](image3)

**AVAILABLE SOON**

**VERTICAL OFF-AXIS DOWN RESPONSE** (dB)

![Graph showing vertical off-axis down response](image4)

**BEAMWIDTH** (Degrees)

![Graph showing beamwidth](image5)
TECHNICAL DRAWING / DIMENSIONS / FINISH

**H x W x D**
125 mm x 131 mm x 109 mm
(4.9" x 5.2" x 4.3")

**Unit Weight**
1.2 kg (2.6 lbs)

**Grille:**
Steel
White (RAL 9016) or Black (RAL 9011) finish

**Enclosure / Finish**
ABS plastic, matte finish, White or Black

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131 mm
5.2 in

125 mm
4.9 in

109 mm
4.3 in

131 - 149 mm
5.2 - 5.9 in

107 mm
4.2 in

80 mm
3.2 in

54 mm
2.1 in

36 mm
1.4 in

70°