# Loudspeakers

## TR3-B

**Horns with separate unit**

### Exponential Horn Speaker Unit

Exponential horn speaker unit, made of grey (RAL 7000) UV stabilized polypropylene. It has a rectangular horn and a swivelling bracket for mounting it on a wall. It is possible to mount any one of the following units: UT35, UT35-T, UT60 or UT60-T. The specific characteristics of the speaker units and dynamic units are indicated in the following tables.

<table>
<thead>
<tr>
<th>Frequency response</th>
<th>350 ÷ 5.000 Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Efficiency (1W/1m)</td>
<td>110 dB</td>
</tr>
<tr>
<td>Acoustic pressure (Pnom/1m)</td>
<td>125 dB</td>
</tr>
<tr>
<td>Horizontal dispersion angle (2 kHz)</td>
<td>55°</td>
</tr>
<tr>
<td>Vertical dispersion angle (2 kHz)</td>
<td>40°</td>
</tr>
<tr>
<td>Weight</td>
<td>2,1 kg</td>
</tr>
</tbody>
</table>

*reference measurements carried out with a UT35-T unit.*

### Speaker technical data*

<table>
<thead>
<tr>
<th>UT35</th>
<th>UT35-T</th>
<th>UT60</th>
<th>UT60-T</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated output power</td>
<td>35 W</td>
<td>35 W</td>
<td>60 W</td>
</tr>
<tr>
<td>Adjustable power</td>
<td>-</td>
<td>35 - 20 - 10 W</td>
<td>-</td>
</tr>
<tr>
<td>Impedance</td>
<td>16 Ω</td>
<td>16 Ω</td>
<td>-</td>
</tr>
<tr>
<td>Line voltage</td>
<td>100 V</td>
<td>100 V</td>
<td>100 V</td>
</tr>
<tr>
<td>Weight</td>
<td>1,3 kg</td>
<td>1,75 kg</td>
<td>1,55 kg</td>
</tr>
</tbody>
</table>

### Unit technical data*

**UT35-T Unit**

- **FILI**
  - Arancio (Orange)
  - Rosso (Red)
  - Marrone (Brown)
- **WIRES**
  - Orange
  - Red
  - Brown
- **Comune - Common** = Nero - Black

**UT60-T Unit**

- **FILI**
  - Arancio (Orange)
  - Rosso (Red)
  - Marrone (Brown)
- **WIRES**
  - Orange
  - Red
  - Brown
- **Comune - Common** = Nero - Black

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*PASO S.p.A. reserve the right to make changes to the drawings and specifications at any time and without notice.*
Polar diagrams (2kHz)

- Horizontal curve •

- Vertical curve •

Frequency response

- Reference measurements carried out with a UT35-T unit •

Diagramma polare (2kHz)

Polar diagrams (2kHz)

- Horizontal curve •

- Vertical curve •

Frequency response

- Reference measurements carried out with a UT35-T unit •