This accessory is connected to the DICENTIS Interpreter desk and has 3 functions: to control a booth on-air indicator outside the booth, to display on the Interpreter desk that the telephone outside the booth is ringing, and to display on the Interpreter desk that a sensor inside the booth detects a too high CO2 level.

The accessory provides a galvanic separation between the external interfaces and the DICENTIS Interpreter desk. It is connected to the Interpreter desk using a USB 2.0 Type A-B cable (not included).

**System overview**

<table>
<thead>
<tr>
<th>Pin #</th>
<th>Function</th>
<th>Specifications</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Switch to set the booth on-air LED on/off</td>
<td>50 V/1 A potential free contact</td>
<td>OUTPUT</td>
</tr>
<tr>
<td>2</td>
<td>Output to control a booth on-air LED</td>
<td>Galvanic separated</td>
<td>OUTPUT</td>
</tr>
</tbody>
</table>

**Connection**

**USB-B to USB-A**

The interface is connected to the USB-A port of one of the DCNM-IDESK devices inside the interpreter’s booth. The maximum length of the USB cable is 5 m.

**Note:** the USB cable must be purchased separately.

**8-pin Phoenix connector**

The 8-pin Phoenix connector interfaces with the external telephone system and booth on-air LED. The input of the connector is used for the external telephone system, while the output is used for the external booth on-air LED. See the image and table below for reference.

![8-pin Phoenix connector](image)

Fig. 1: 8-pin Phoenix connector
Communications Systems - DCNM-IDESKINT On-air & teleph. DCNM-IDESK

<table>
<thead>
<tr>
<th>Pin #</th>
<th>Function</th>
<th>Specifications</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Input for an external telephone system ringing indicator</td>
<td>inactive: &lt; 1 VDC active: &gt; 3 VDC max.: 24 VDC Galvanic separated</td>
<td>INPUT Negative (−)</td>
</tr>
<tr>
<td>6</td>
<td>Input for an external system for warning indicator</td>
<td>inactive: &lt; 1 VDC active: &gt; 3 VDC max.: 24 VDC Galvanic separated</td>
<td>INPUT Negative (−)</td>
</tr>
<tr>
<td>7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Tab. 1: Connector pinout

Note: the female plug to be used with the 8-pin connector is supplied pre-assembled with the product. You will need to make the wire connections, which only require simple push-in action to lock.

Parts included

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Component</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 pc</td>
<td>On-air and telephone interface device</td>
</tr>
<tr>
<td>1 pc</td>
<td>8-pin Phoenix connector</td>
</tr>
</tbody>
</table>

Technical specifications

DICENTIS Conference System:  • DCNM-LIPM license

Electrical

Output:
Supply voltage: 50 VDC
Maximum switching current: 1 A

Input:
inactive: < 1 VDC
active: > 3 VDC
max.: 24 VDC

Mechanical

Mounting: Using two 2.5 mm screws or cable tie

Dimensions (H x W x D) 23.2 mm x 77.3 mm x 30.1 mm (0.91 in. x 3.04 in. x 1.18 in.)

Weight 0.04 kg (0.08 lb)

Color Jet black (RAL 9005)

Environmental

Operating temperature 0 °C to +45 °C (32 °F to +113 °F)

Storage and transport temperature -20 °C to +70 °C (-4 °F to +158 °F)

Relative humidity < 95 %, > 5 %, non-condensing

Ordering information

DCNM-IDESKINT On-air & teleph. DCNM-IDESK
Galvanic separated interface between the Interpreter desk and an external booth on-air LED and an external telephone system for ringing indication on the Interpreter desk's display.
Order number DCNM-IDESKINT | F.01U.357.936

Services

EWE-DCNIDE-IW 12mths wrty ext Interpreter Desk
12 months warranty extension
Order number EWE-DCNIDE-IW | F.01U.348.765

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