

# DCNM-IDESKINT On-air & teleph. DCNM-IDESK DICENTIS

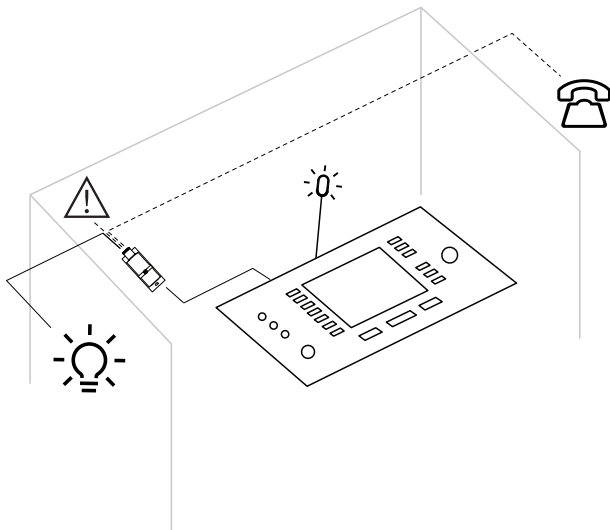


- ▶ Output contact to control a booth on-air LED
- ▶ Input contact from a connected telephone system ringing indicator
- ▶ Input contact from a CO2 level sensor
- ▶ Galvanic separation of contacts

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



### 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.

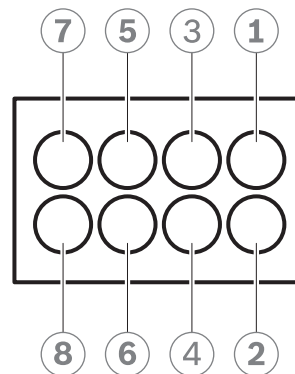


Fig. 1: 8-pin Phoenix connector

Pin #	Function	Specifications	Description
1	Switch to set the booth on-air LED on/off	50 V/1 A potential free contact	OUTPUT
2		Galvanic separated	OUTPUT

Pin #	Function	Specifications	Description
3			
4			
5	Input for an external telephone system ringing indicator	inactive: < 1 VDC active: > 3 VDC max.: 24 VDC Galvanic separated	INPUT Negative (-)
6			INPUT Positive (+)
7	Input for an external system for warning indicator	inactive: < 1 VDC active: > 3 VDC max.: 24 VDC Galvanic separated	INPUT Negative (-)
8			INPUT Positive (+)

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**

Quantity	Component
1 pc	On-air and telephone interface device
1 pc	8-pin Phoenix connector

**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
----------	--------------------------------------

**Represented by:**

**Europe, Middle East, Africa:**  
 Bosch Security Systems B.V.  
 P.O. Box 80002  
 5600 JB Eindhoven, The Netherlands  
 Phone: + 31 40 2577 284  
 emea.securitysystems@bosch.com  
 emea.boschsecurity.com

**Germany:**  
 Bosch Sicherheitssysteme GmbH  
 Robert-Bosch-Ring 5  
 85630 Grasbrunn  
 Germany  
 www.boschsecurity.com

**North America:**  
 Bosch Security Systems, LLC  
 130 Perinton Parkway  
 Fairport, New York, 14450, USA  
 Phone: +1 800 289 0096  
 Fax: +1 585 223 9180  
 onlinehelp@us.bosch.com  
 www.boschsecurity.us

**Asia-Pacific:**  
 Robert Bosch (SEA) Pte Ltd, Security Systems  
 11 Bishan Street 21  
 Singapore 573943  
 Phone: +65 6571 2808  
 Fax: +65 6571 2699  
 apr.securitysystems@bosch.com  
 www.boschsecurity.asia

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-IDEKINT On-air & teleph. DCNM-IDEK**

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-IDEKINT | 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**