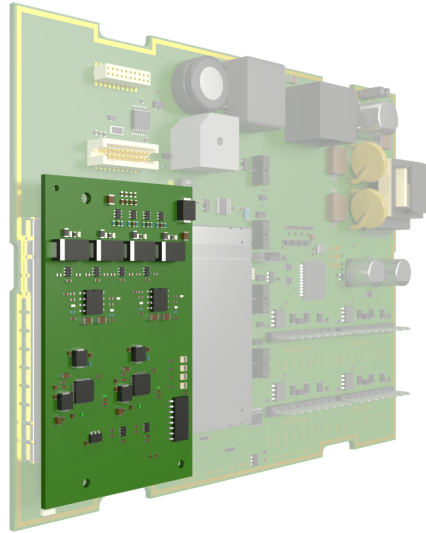


DATA SHEET



Voice Module (NIVP4)

Features

- Piggyback mounted printed circuit voice module (NIVP4) for the Room Controller 4 (NIRC4)
- Backwards compatible with the Room Controller 3 (NIRC3)
- Four speech channels simultaneously, one for each room bus
- Supporting half duplex mode
- Intelligent voice switching
- Support for acoustic call functionality
- Audio codec: A-law or μ -law depending on SIP server
- Allows existing room controllers (NIRC3 and NIRC4) to be upgraded to include speech using VoIP

Technical Specifications	
Voice Module Overview	
Item	NIVP4-AAA
Material	
Dimensions (H x W x D)	70 x 41 x 11 mm / 2.76 x 1.61 x 0.43 in.
Weight	14 g (0.49 oz)
Mounting	Piggyback mounting on room controller NIRC3 / NIRC4
Electrical	
Electrical rating	Input: 5.5 Vdc and 3.3 Vdc (from room controller NIRC3 / NIRC4) Current consumption: Idle: 8 mA Max: 30 mA
Audio codec:	A-law or µ-law depending on SIP server configuration.
Electrical connections	1 x 20-pole male connector.
	1 x 20-pole female connector.
Audio/Visuals	
Optical feedback	4 x LED (red) - Speech direction.
Compatibility	
Hardware Compatibility	Room Controller – NIRC3 and NIRC4
Environmental	
Operating temperature	0°C to 50°C (32°F to 122°F)
Storage temperature	-25°C to 55°C (-13°F to 131°F)
Relative Humidity	0 to 95%, non condensing at 40°C (104°F)

Compliance to Regulations and Standards	
Declaration of Conformity	
The following complies with the relevant dates and amendments of all the following standards (valid references to dates and amendments are stated in the Declaration of Conformity):	
Regulatory Compliance EU/EFTA	
	EN 62368-1 EN 55032 (CISPR32) Class B EN 55035 (CISPR35) Class B EN 63000 (RoHS) REACH
Regulatory Compliance US/CAN	
	UL/CSA 62368-1 ANSI/UL 1069 ANSI/UL 2560 CAN/CSA C22.2 No. 205 FCC part 15B ICES-003
Regulatory Compliance UK	
	Basic compliance of EU/EFTA standards if not superseded by UK regulations. UK RoHS HTM 08-03
Regulatory Compliance ANZ	
	AS/NZS 62368-1 EN 55032 (CISPR32) Class B
Regulatory Compliance Germany / Austria	
	VDE 0834

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