

NCP 001 R

IP PC Intercom Station - Rack Version



Features and Functions

- Graphical user interface divided into clearly structured areas and layers
- User interface highly customizable
- Layer navigation for each area possible
- Management of up to 2000 keys
- Intuitive user interface and clear indication of current events
- Speaker and microphone volume adjustable via user interface
- Cleaning mode for touch panel PC
- Audio bandwidth of up to 16 kHz
- Network connection via Ethernet

The NCP 001 R provides an advanced solution for an IP PC intercom station which is operated together with the INTRON-D *plus* communication and public address system from INDUSTRONIC. It is especially designed for use as a service station installed inside a cabinet. Operation is possible via touch screen. The function of the intercom station is permanently monitored.

Other Features

- Software can run exclusively or in window mode
- Design of user interface can be configured via the INDUSTRONIC configuration software Config Manager
- Changes in configuration can also be performed on site using the Config Manager (e.g. key number, key layout, key labeling and function, signaling, user interface layout)
- Status indications:
 - Connection to central exchange unit
 - Microphone active while connection is established
 - Speaker or microphone muted
- Confirmation prompt prior to alarm start
- Dial keypad

Components	• Software for NCP 001
	• PC with Microsoft® Windows® 7 operating system
	• Industrial-suited 15" TFT monitor with resistive touch screen, 1024 x 768 pixels
	• Gooseneck microphone
	• Loudspeaker

Mechanical Data	• Construction	19" slide-in chassis, 6 RU
	• Width x height x depth	483 mm x 267 mm x 150 mm (19" x 10.5" x 5.9")
	• Weight	7 kg (15.4 lbs)
	• Color	RAL 9005 (Deep Black)

Electrical Data	• Power supply	12 VDC, 4 A
	• Typical power consumption	20 W

Operating System	• Microsoft® Windows® 7 Professional, 64 Bit
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PC Hardware	• Processor	Intel® Core™ i3 processor (or comparable)
	• Mass storage	SSD
	• Network interface	LAN 100 MBit

Network Requirements	• IPv4 network
	• Support of UDP, SCTP, RTP and RTCP protocols
	• Quality of Service (QoS) <ul style="list-style-type: none"> • Ideal latency value: < 20 ms (max. 50 ms) • Jitter: max. 10 ms
	• 10Base-T/100Base-TX Ethernet (IEEE 802.3), 100 MBit/s recommended
	• 200 kBit/s basic bandwidth and 200 kBit/s per active audio channel

Type Overview	Software	Speaker	Microphone	PC	Monitor	Type	Type Number
x	x	x	x	x	x	NCP 001 R-A50C01M1550	351-650-100
x	x	x	x	x	x	NCP 001 R-A50C01M1550/EN*	351-650-100/EN

*English operating system

Activations	Description	Type	Type Number
	Activation for one intercom station of the NCP series	Activation NCP Basic	101-200-001
	Activation of 200 keys for intercom stations of the NCP series	Activation NCP 200 Keys	101-200-003

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