

NCP 001 R

IP PC Intercom Station for Rack Mounting



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 buttons
- 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. number, layout, labeling and functions of buttons, 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
 - 15" TFT monitor with resistive touch screen suitable for industrial environments, 1024 x 768 pixels
 - Gooseneck microphone
 - Loudspeaker
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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) |
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Electrical Data

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|-----------------------------|--------|
| • Operating voltage | 12 VDC |
| • Max. current consumption | 4 A |
| • Typical power consumption | 20 W |
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Operating System

- Microsoft® Windows® 7 Professional (64 Bit)
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PC Hardware

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|---------------------|---------------------------|
| • Processor | Intel® Core™ i3 processor |
| • Mass storage | SSD |
| • Network interface | LAN 100 MBit |
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Network Requirements

- IPv4 network
 - Support of UDP, TCP, RTP and RTCP protocols
 - Quality of Service (QoS)
 - 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 for active audio channel
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Type Overview	Type	Type Number
	NCP 001 R-A51C02M1550	351-650-300
	NCP 001 R-A51C02M1550/EN*	351-650-300/EN

*English operating system

Activations	Description	Type Number
	ACT-NCP Base Activation for one INDUSTRONIC IP intercom station of the NCP series	101-200-001
	ACT-NCP 200 Buttons Activation of 200 buttons for INDUSTRONIC IP intercom stations of the NCP series	101-200-003

Accessory



Type	4 GW 01
Description	DC/DC converter, input voltage from 36 VDC to 72 VDC, output voltage 12 VDC, max. input current 1.5 A, max. output current 4.2 A
Type Number	309-107-200

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