

NCP 001 D

IP PC Intercom Station - Desktop 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 D 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 in state-of-the-art control rooms. The software runs on a PC with Microsoft® Windows® 7 operating system. Operation is possible via mouse or via optional 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
- Various screen sizes and resolutions
- Support of two monitors when application runs in window mode

Components*

- Software for NCP 001
- PC with Microsoft® Windows® 7 operating system
- TFT monitor, with optional touch screen
- Desktop microphone with gooseneck
- Loudspeaker

*The components listed above can be ordered from INDUSTRONIC in different sales packages. If hardware is provided by the customer, we recommend consulting INDUSTRONIC to check the compatibility of the equipment. INDUSTRONIC assumes no guarantee for the reliable functioning of the NCP software if audio hardware from third-party suppliers is used.

Operating System

- Microsoft® Windows® 7 Professional, 32/64 Bit

Minimum Requirements for PC Hardware*

- | | |
|----------------------|---|
| • Processor | Intel® Core™ i3 processor (or comparable) |
| • Mass storage | 128 GB HDD or SSD |
| • RAM | 4 GB |
| • Graphics | Intel® HD 4400 (or comparable), DirectX 11 |
| • Graphics interface | DVI, HDMI or DisplayPort (in correspondence to the monitor) |
| • Interfaces | 4 x USB 3.0 |
| • Network interface | LAN 100 MBit |

*Dedicated hardware recommended. One audio component must be exclusively available for NCP applications.

Network Requirements

- IPv4 network
- Support of UDP, SCTP, 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 per active audio channel

Type Overview	Software	Speaker	Microphone	PC	Monitor	Type	Type Number
	x					NCP 001 S	351-600-100
	x	x	x			NCP 001 S-A01	351-601-100
	x	x	x	x	x	NCP 001 D-A01C01M1901	351-610-100
	x	x	x	x	x	NCP 001 D-A01C01M1901/EN*	351-610-100/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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