

NCP 001 D

IP PC Intercom Station as 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 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 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® 10 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. number, layout, labeling and functions of the 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
- Various screen sizes and resolutions
- Support of two monitors when application runs in window mode

Components

The components listed below 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 hardware from the customer or from third-party suppliers is used.



Type	1 NIPC 004
Description	PC with Windows® 10 IoT, Intel® Core™ i3, 4 GB RAM, SSD 120 GB
Type Number	351-100-400



Type	19 NTMD 002
Description	19" touch screen monitor with base and bracket for mounting the PC of 1 NIPC 001, 1 NIPC 002 and 1 NIPC 004 series
Type Number	351-200-200



Type	1 NMID 001
Description	Desktop microphone with Push-to-Talk button (PTT button) for connection to a PC via a 1.4 m (4.6 ft) long USB cable
Type Number	001-002-013



Type	1 NMID 002
Description	Desktop microphone with Push-to-Talk button (PTT button) for connection to the handset of the 1 NHAS 001 series via a 1.6 m (5.3 ft) long RJ10 cable
Type Number	001-002-014



Type	2 NSPD 002
Description	Desktop loudspeakers for connection to a PC via a 1 m (3.3 ft) long USB cable, 100 Hz to 18 kHz
Type Number	202-523-500



Type	30 NSPD 001
Description	Desktop loudspeakers for connection to the handset of the 1 NHAS 001 series via a 1.5 m (4.9 ft) long RJ10 cable, 170 Hz to 20 kHz
Type Number	202-523-200



Type	1 NHAS 001
Description	Handset with Push-to-Talk button (PPT button) for connection to a PC via a 2 m (6.6 ft) long USB cable
Type Number	070-007-134

Technical Data

Minimum Requirements for PC Hardware*

• Processor	Intel® Core™ i3 processor (or comparable)
• Mass storage	120 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, TCP, 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 for active audio channel

Operating System

• Software runs under Microsoft® Windows® 10 IoT and Windows® 10 Pro
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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

Type	Software	Speaker		Microphone		Handset	PC	Monitor	Type Number
		2 NSPD 002	30 NSPD 001	1 NMID 001	1 NMID 002				
NCP 001 S	x								351-600-100
NCP 001 S-A01	x	x		x					351-601-100
NCP 001 S-A02	x		x		x	x			351-601-200
NCP 001 D-A01C04M1901	x	x		x			x	x	351-610-400
NCP 001 D-A02C04M1901	x		x		x	x	x	x	351-610-500

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