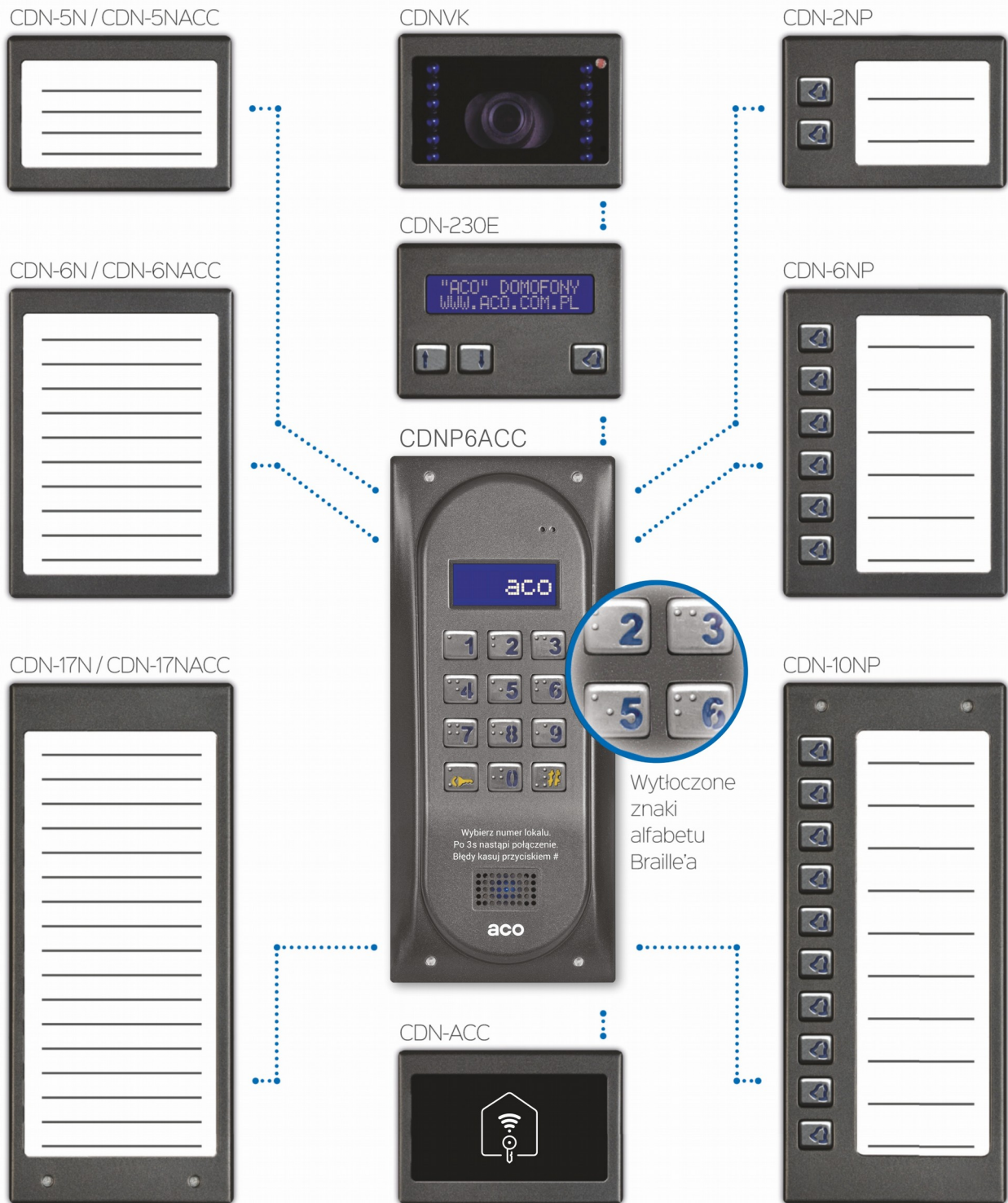


SHORTENED OPERATING MANUAL FOR THE DIGITAL CDP6 AND CDP6ACC DOOR ENTRY SYSTEM



The picture shows additional modules that can be connected to the main unit. Optionally there is also keypad with Braille'a text.

RULES FOR STORAGE OF USED ELECTRICAL EQUIPMENT

The used electrical equipment may not be stored together with other waste. Store it at sites intended for this purpose. For this purpose, address the responsible institutions or companies dealing with waste recycling. - Directive 2002/96/EC/ dated January 27th, 2003

INSTALLATION OF THE DOORPHONE PANEL

The panel should be mounted on the wall of the building (entrance enclosure, vestibule, covered wall, east wall etc.) so as to minimise the impact of unfavourable atmospheric conditions. We recommend mounting the panel at the height of approx. 1.35m. The sheet metal of the base for surface installation of the panel should be mounted to the surface using expansion bolts or appropriate screws. The frame of the concealed installation of the panel should be mounted using expansion bolts and gypsum in the wall opening. The wires need to be pulled through the openings in the base. **NOTE!** To ensure correct functioning as well as the safety of use, the panel (in a metal frame) must be connected at the installation site to the earthing, connecting the earth terminal on the body with the appropriate protective installation (PE). It is recommended to provide the connection between the panel and the electrical door strike and the power supply transformer using a wire of 1 mm² in diameter (e.g. LY1,0). The length of the wire should not exceed 7m in the case of an electrical door strike circuit and 15 m in the case of the power supply circuit! In the case of smaller diameters and too long connections, voltage drops may occur during opening of the electrical door lock, causing interferences in the operation of the panel or activation of reset function and restart of the unit, especially during opening procedure. Supply voltage 11,5V AC should be connected to the main panel's 12V~ clamps. In case you are using 15V DC connect the voltage to the clamps +DC (+ELOCK) and GND (LINE-). For video systems use only direct current power supply 15V DC and connect it to the combiner's terminals. E-lock without estimated polarisation connects freely to „ELOCK” clamps. When using reverse e-lock put jumper Z13 (if present)! If you work with reverse e-lock there will be supply voltage at „ELOCK” terminal and use appropriate reverse e-lock type compatible with the provided voltage. You can also use MOD-DC-12V module which will supply 12VDC to the reverse e-lock if you are using 15VDC power supply or transformer.

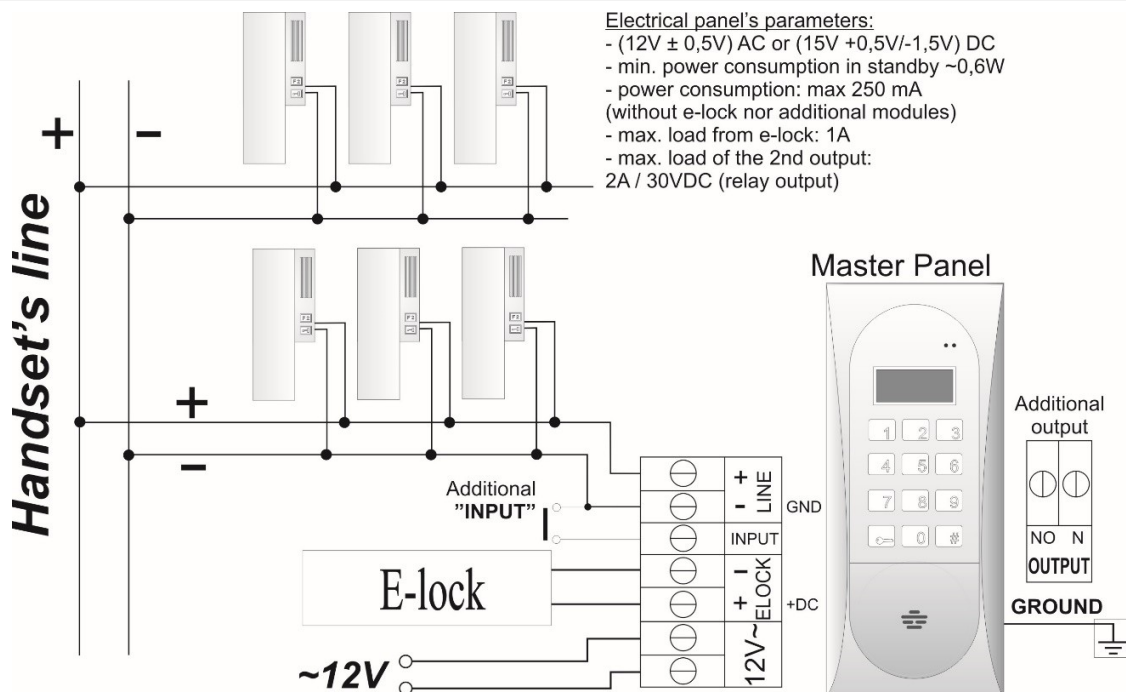
Additional relay output "OUTPUT" (only Master) can be used to control, for example, another gate (factory setting) by means of a code (with "double key") and handset's F2 button. Operation time and functions of the "OUTPUT" can be changed in program 18, port 2 (in the same way as the CND-I / O module).

All connections in the installation must be soldered!

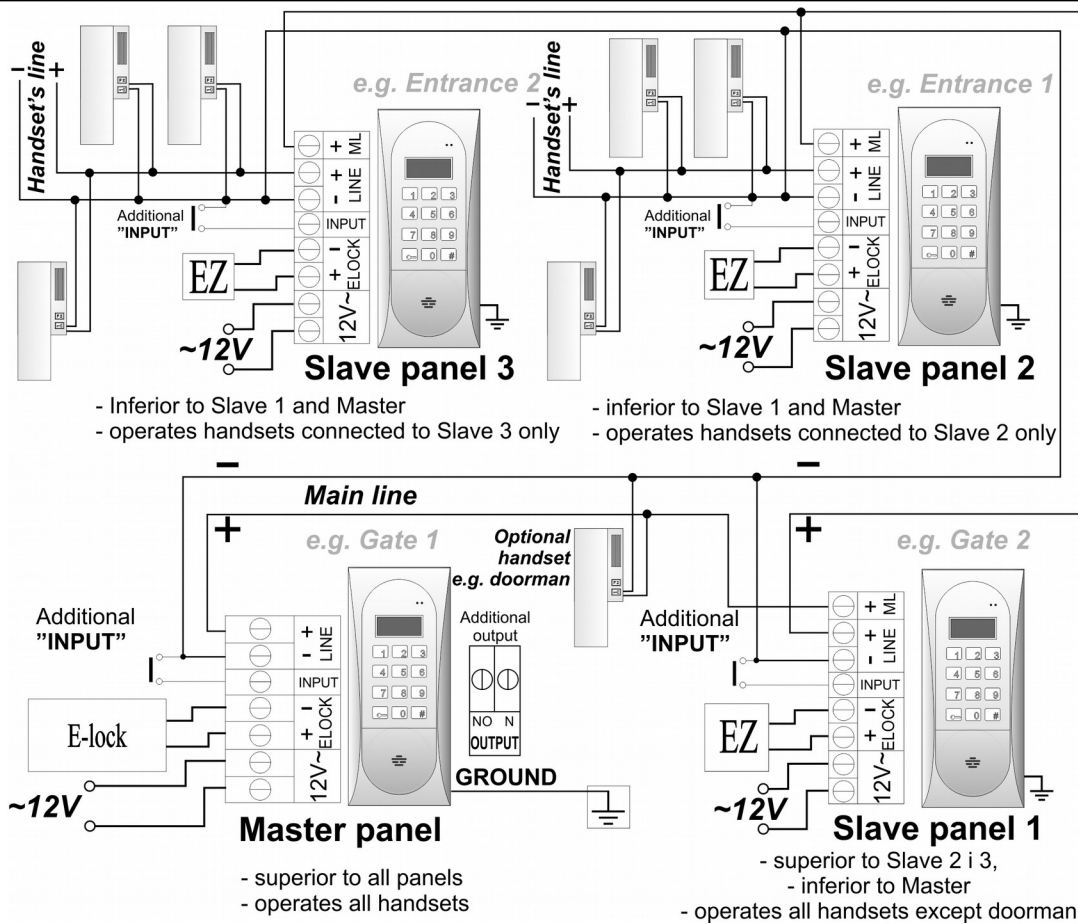
The following wires should be connected to the installation:

- 2 wires x 1mm² - transformer power supply,
- 2 wires x 1mm² - for the electric door strike,
- 2 wires x 0,5mm panel wire to connect the uniphones.
- 1 yellow-green insulated wire - to connect the panel housing earthing

SINGLE CDNP OUTSIDE UNIT WIRING DIAGRAM



TWO & MORE CDNP OUTSIDE UNITS WIRING DIAGRAM



MOUNTING AND CONNECTING UNIPHONES

Uniphones should be connected according to the installation manual. The connections should be made with paying particular attention to the settings numbers in the uniphone decoder and proper (polarisation) connection to the "LINE" terminals of the panel.

ADJUSTING SOUND VOLUME

The volume level settings shall be made after obtaining the connection with the uniphone in the following way:

- the "MIC" knob, adjusts the panel's microphone sound volume
- the "SPK" knob, adjusts the speaker's microphone sound volume
- the "SOUNDS" knob, adjusts the panel's sound volume

After setting these values, establish the position of points in which the excitation (beeping) in the loudspeaker takes place by turning the "BALANCE" with the potentiometer, and set the potentiometer halfway between these points.

OPERATION

When idle, "Intro" is displayed on the screen ("aco" by default). "Intro" can be changed as desired. By default, we can call numbers from 1 to 255, which corresponds directly to the physical addresses set in the receivers (we can switch dialing numbers from the keypad from 1 to 999, maintaining the continuity of physical addresses from 1 to 255). Calling is by selecting the apartment number using the keypad buttons or if the 230E module is present, you can select the entry with the "arrows" and press the "bell" button. After approx. 3 seconds the receiver in the selected apartment will ring. If the call is answered in the ring mode, you can talk and open the door. Opening the door with the user (tenant) code consists in using the keyboard to select the apartment number to which the code is assigned, confirming with the "key" button and selecting the four-digit code. In order to print the full table of user codes or ready business cards for tenants together with the instructions for use, use the "ACO Code Generator" available at www.aco.com.pl in the user area ("download"). For each "Master" control panel, the code table is factory-set on the back of the device as a 4-digit number, and for "Slave" devices, enter the same table as in "Master". Opening the administrator code consists in selecting the "key" button followed by a six-digit code. The administrator code is intended for building's administrators, e.g. technical services, postmen, house owners, etc. The door will also be opened after shorting the additional INPUT to ground. For devices equipped with the ACC proximity reader (CDNP6ACC), opening will occur after presenting the proximity card or proximity tag (tenant or administrator / installer) stored in the device. If the card / key fob is not stored, you will hear a triple "beep" in the speaker. When opening the door, the display shows "Enter!" Activation of the OUTPUT (only Master) will take place after pressing the F2 button on the receiver (during the conversation) or after entering the user code - press the "key" twice before entering the same code as for basic opening. When using ACC, the

second output will be activated by pressing the "key" button and presenting the proximity card or key fob stored into the device. While the output is active, the display will show "Out-2".

PROGRAMMING

Entering the installer menu: press the "key" button and enter "1507xxxx" within 5 seconds, where "xxxx" is the four-digit Installer Password, which is factory set to "0000" and must be changed to your own! (menu 7 - the current password must be entered again first). Confirmation of entering the installer menu is a sound signal, the appearance of the software version on the display and then the program number 0: "Open". The menu is changed with the buttons "2" up and "8" down. Enter the currently displayed menu and entering values is confirmed by pressing the "Key" button. In the installer mode, it is possible to reset (restart) the panel by pressing simultaneously buttons 7 and 9. While exiting the installer menu (by pressing the "#" button), the current temperature inside the control panel is displayed.

CDNP Panel programs:

0	Open	SERVICE OPENING OF THE ELECTRICAL DOOR STRIKE	1	OpKey	CHANGE IN THE INDIVIDUAL OPENING CODE OF THE ADMINISTRATOR
2	Hi-Lo	SETTING QUIET OR LOUD CALL	3	Rings	SETTING THE NUMBER OF CALL RINGS, PERMISSION TO CALL THE PREMISES
4	OpInf	SWITCHING ON -OFF THE BELL-TINKLING TO A PREMISES AFTER OPENING THE DOOR	5	SfCal	SERVICE CALL OF THE UNIPHONE FROM THE PREMISES
6	LTime	SETTING THE TIME FOR CONTROL OF THE ELECTRICAL DOOR STRIKE	7	IPass	CHANGING THE FITTER'S PASSWORD
8	Cards	CHECKING THE CORRECTNESS OF ASSIGNMENT OF THE CARD TO THE PREMISES	9	Param	CALL RANGE PARAMETERS
0	Hotel	SETTING THE SELECTION OF NUMBERS IN THE HOTEL SYSTEM	4	Table	ENTERING THE NEW TABLE OF OPENING CODES
2	Input	SELECTION OF THE ADDITIONAL INPUT FUNCTION	3	Tones	SETTING ONE OF FOUR CALL SIGNALS
4	Srch	SEARCH FOR IMPROPERLY HUNG UP OR DAMAGED UNIPHONES	5	AddNo	THE ADDITIONALLY SERVICED NUMBERS
6	Bits1	SETTING THE PANEL PARAMETERS Bit1 - Activating opening after corridor opening time-out Bit2 - Input function in the slave panel Bit3 - Activation an optional additional electronic module Bit4 - Activating corridor opening impulse Bit5 - Activating number dialling in the hotel system Bit6 - Changing the direction of calling number diversion (from the P9 programme) Bit7 - Activating code change function for the user Bit8 - Blocking factory reset function	7	Bits2	SETTING THE PANEL PARAMETERS Bit1 - Choosing the preview camera in standby mode Bit2 - Short (four digit) administrator's opening code Bit3 - Porter calling Bit3 - Porter redirection Bit5 - Only calling for additional numbers Bit6 - Disable premise number display in 230E module (from software v4.1) Bit7 - Activating reverse electric door strike Bit8 - compatible with multi master module
8	InOut	THE PARAMETERS OF AN ADDITIONAL INPUT/OUTPUT MODULE	9	M230E	PROGRAMMING THE 230E ELECTRONIC MODULE FOR NAMES Beginning from the version 7.00 programming only via computer
0	M-ACC	PROGRAMMING THE ACC PROXIMITY MODULE	4	M-Xnp	PROGRAMMING THE NAME MODULE 2,6,10NP WITH BUTTONS
2	INTRO	PROGRAMMING INTRO ON THE DISPLAY	3	CServ	PROGRAMMING THE TIME FOR SWITCHING ON THE PHRASE „CALL SERVICE”
4	Range	PROGRAMMING THE ADDITIONAL „FROM-TO” RANGE	5	LTest	LINE TEST - CHECKING THE HEADSETS IN THE SYSTEM

ATTENTION! Full control panel configuration is possible by means of computer software ("CDNP") for free download from www.aco.com.pl. An optional CDN-USB cable is required to connect the control panel to a computer. You can also download the extended CDNP operating instructions along with a description of common problems from the site.