

Electronics for Security
Communication

Communication

ConLan eXPress



USER'S HANDBOOK

CONLAN

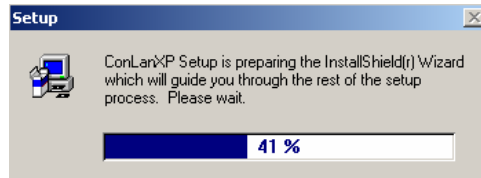
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2. INSTALLATION OF CONLAN EXPRESS PROGRAM

To proceed with the ConLan eXPRESS program, you have to install it in a computer. For the installation of this program, you have to find a “Setup” icon in the ConLanXP file and with a double click activate it. Window informing about the setup process appears.



As the setup is an active process, not other programs have to be running at the same time. Hereby, you should follow setup instruction accurately to install ConLan eXPRESS program without mistakes in the computer. After the installation process is complete, the ConLan eXPRESS icon will appear on the computer desktop; this icon is a shortcut to the program. ConLan eXPRESS program will be installed at *C://Windows/Start Menu/Programs* position. When installation is completed, you have to restart your computer. Then, computer will adopt ConLan eXPRESS program to the system.

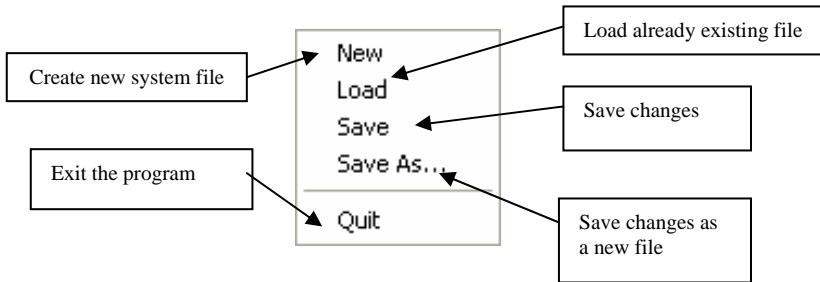
To work with Conlan access control system, as well as to program it, to change or renew existing system, the system should be connected to the computer by using PC Interface or LogBox3 as LogBox3 is working as the PC Interface, too.

Minimum computer requirements for ConLan eXPRESS program:

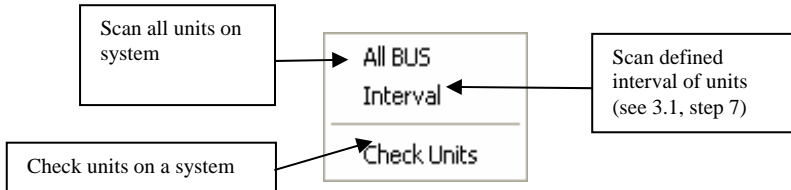
- Windows 95 or later
- 10MB of system memory
- 10MB free HD space

3. CONLAN EXPRESS PROGRAM

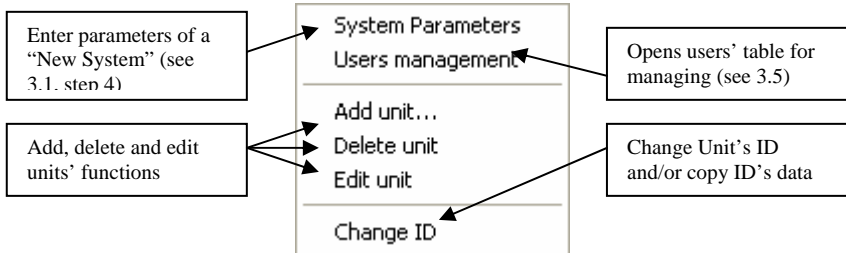
File menu:



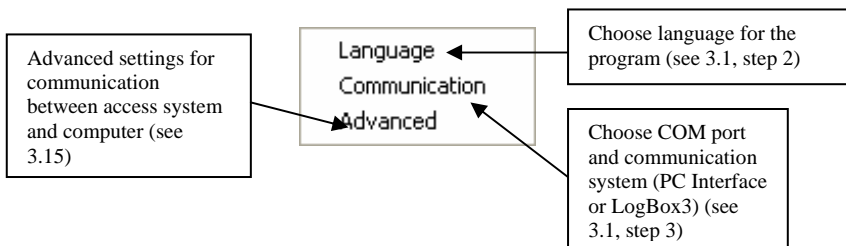
Scan menu:



Edit menu:

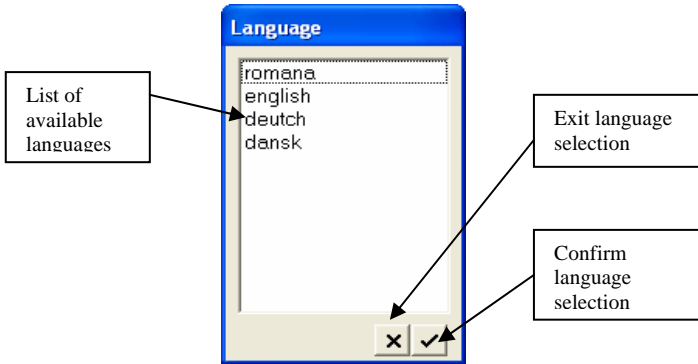


Configuration menu:

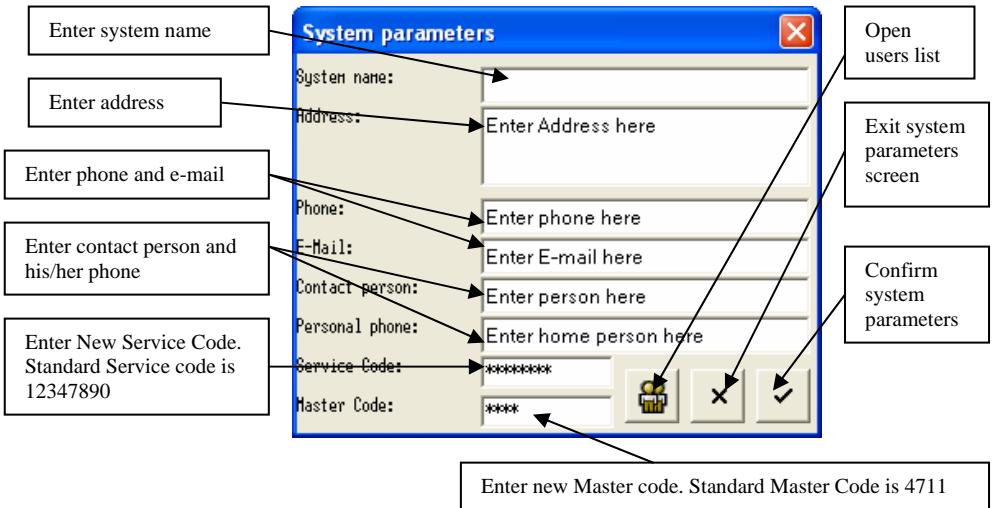


3.1. Six “O” to start the ConLan eXpress program

1. Activate ConLan eXpress shortcut icon with a double click.
2. Open *configuration* menu and choose *language*.



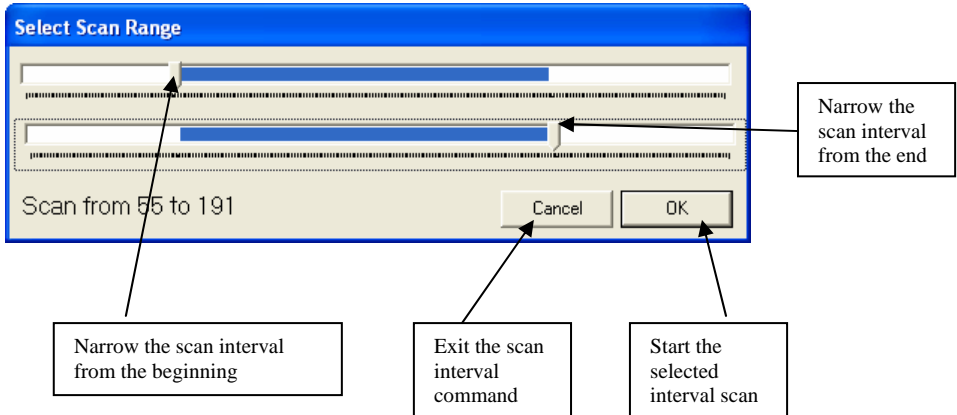
3. Open *edit* menu, click *system parameters* and fill in a form that appears.



ATTENTION:

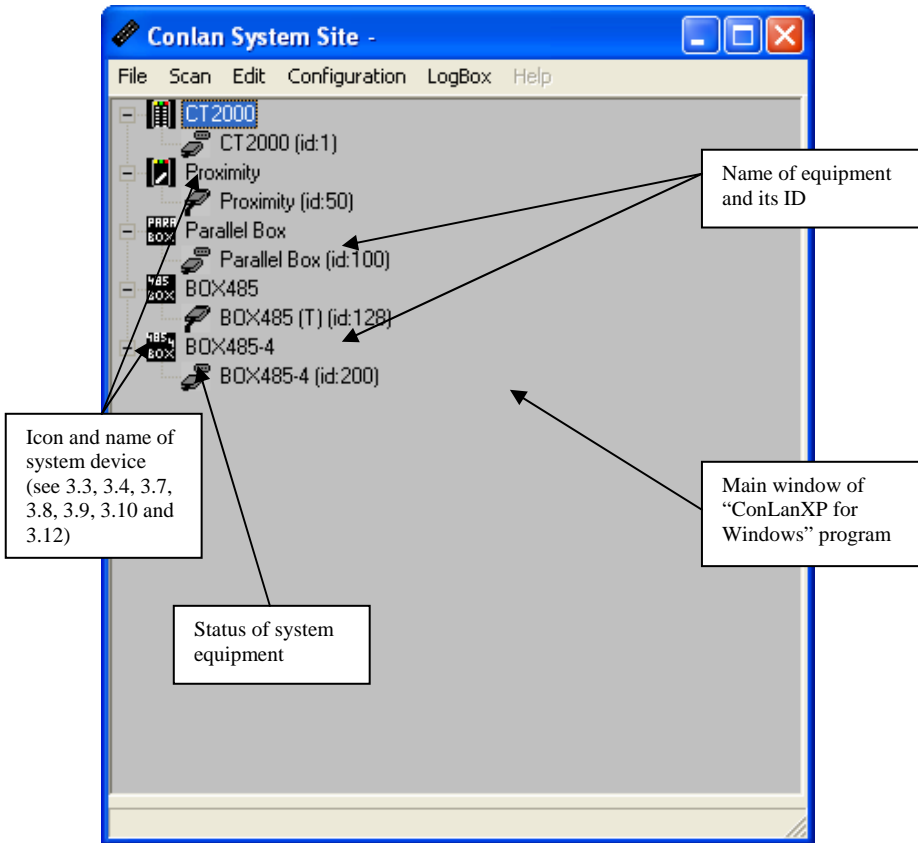
Service code is **12347890** and it is programmed in factory
Master code is **4711** and it is programmed in factory

4. Open *scan* menu and click *scan all*. As soon as the computer scans system, list with connected equipment will be presented on a main window. If you have a system, which was created before, look at the step 7.
5. Open *file* menu and click *load* if you already have built and saved a system before. If you want to start new system, click *new* in the *file* menu. (After creating a new system, do not forget to save it.)
6. Open *scan* menu and click *interval*, if you connected new equipment in an existing system and you know ID of equipment then you can narrow down the search by moving arrows of intervals to one or another side. Otherwise, open scan menu and click *all BUS*. Program will automatically scan the system.



When six “O” are accomplished, connected equipment will emerge on the main screen. Now, you can start working with ConLan eXPress program and design security a system for your specific needs and requirements.

3.2. Main Window:



You should make a double click on a unit icon at the main screen to open the window for setting and programming it. According to program design, you are allowed to work only with one system unit at the same time. If you like to choose other unit/equipment from the system, you shall close the current window and open a new one. It is possible to program units of the system that are online and/or offline.

Windows for each Conlan equipment and special commands are explained below.

3.3. CT2000 window:

CT2000 Window consists of *users* and *settings* windows.

Users and their positions; Enter codes here

Change windows

Keypad information: ID and location

Keypad ID: 1 -> CT2000 (id:1)

Users Settings

Pos	Name	Pos	Name	Pos	Name	Pos	Name
0	1234	25		50		75	
1		26		51		76	
2		27		52		77	
3		28		53		78	
4		29		54		79	
5		30		55		80	
6		31		56		81	
7		32		57		82	
8		33		58		83	
9		34		59		84	
10		35		60		85	
11		36		61		86	
12		37		62		87	
13		38		63		88	
14		39		64		89	
15		40		65		90	
16		41		66		91	
17		42		67		92	
18		43		68		93	
19		44		69		94	
20		45		70		95	
21		46		71		96	
22		47		72		97	
23		48		73		98	
24		49		74		99	

Receive Transmit Cancel OK

Double click on a positions line activates users' management list (see 3.5)

Different colors indicate different groups of users

Receive or transmit information to/from keypad

Submit settings and close the window

The screenshot shows a software window titled "Keypad ID: 1 -> CT2000 (id:1)" with two tabs: "Users" and "Settings". The "Settings" tab is active, displaying a table of keypad groups and a configuration panel on the right.

Group nr.	Group name	Lock time
0	Group nr.0	00:00:05
1	Group nr.1	00:00:05
2	Group nr.2	00:00:05
3	Group nr.3	00:00:05
4	Group nr.4	00:00:05
5	Group nr.5	00:00:05
6	Group nr.6	00:00:05
7	Group nr.7	00:00:05
8	Group nr.8	00:00:05
9	Group nr.9	00:00:05
10	Group nr.10	00:00:05
11	Group nr.11	00:00:05
12	Group nr.12	00:00:05

The configuration panel on the right includes the following fields:

- Keypad name: CT2000 (id:1)
- Location: Enter Keypad location
- Service Code: 12347890
- Master Code: 471
- Master Level: 100
- Lock Time: 5
- Keypad ID: 1
- Bell on Key:
- Output mode: Normal Output
- Led Setting: Normal/Activated (with color-coded indicators)

Callouts and their corresponding elements:

- Change windows:** Points to the "Users" and "Settings" tabs.
- Enter keypad name and location:** Points to the "Keypad name" and "Location" fields.
- Service code, master code and master level:** Points to the "Service Code", "Master Code", and "Master Level" fields.
- Keypad ID and to change lock time:** Points to the "Keypad ID" and "Lock Time" fields.
- Bell on keys of keypad:** Points to the "Bell on Key" checkbox.
- Select output mode of a keypad:** Points to the "Output mode" dropdown menu.
- Select LED settings for normal and activated mode:** Points to the "Led Setting" field.
- Groups name, number and coded lock time:** Points to the table of keypad groups.
- Transmit and receive data to/from keypad:** Points to the "Receive" and "Transmit" buttons.
- Submit settings and close the window:** Points to the "OK" button.

3.4. CT2000 Proximity window:

CT2000 Proximity window consist of users' and settings windows. Users' window is to view users, their groups and settings window to program proximity.

The screenshot shows the 'Proximity ID: 50 -> Proximity (id:50)' window. It features a 'Users' tab and a 'Settings' tab. The main area contains a table with columns for 'Pos' and 'Name' repeated four times. The table lists positions from 1 to 24 in the first column and 25 to 99 in the subsequent columns. Below the table are buttons for 'Read From Prox', 'Receive', 'Transmit', 'Cancel', and 'K'. Callouts provide the following information:

- Users and their positions; Enter codes here:** Points to the 'Users' tab.
- Change windows:** Points to the 'Settings' tab.
- Proximity information: ID and location:** Points to the window title bar.
- Read tags from proximity reader:** Points to the 'Read From Prox' button.
- Double click on a positions line activates users' management list (see 3.5):** Points to a row in the table.
- Different colors indicate different users' groups:** Points to the alternating row colors in the table.
- Receive or transmit information to/from proximity:** Points to the 'Receive' and 'Transmit' buttons.
- Submit settings and close the window:** Points to the 'K' button.

Pos	Name	Pos	Name	Pos	Name	Pos	Name
1		25		50		75	
2		26		51		76	
3		27		52		77	
4		28		53		78	
5		29		54		79	
6		30		55		80	
7		31		56		81	
8		32		57		82	
9		33		58		83	
10		34		59		84	
11		35		60		85	
12		36		61		86	
13		37		62		87	
14		38		63		88	
15		39		64		89	
16		40		65		90	
17		41		66		91	
18		42		67		92	
19		43		68		93	
20		44		69		94	
21		45		70		95	
22		46		71		96	
23		47		72		97	
24		48		73		98	
		49		74		99	

The screenshot shows a software window titled "Proximity ID:50->Proximity (id:50)". It has two tabs: "Users" and "Settings". The "Settings" tab is active, showing a configuration interface for a proximity reader. On the left, there is a table with 13 rows, each representing a group with its number, name, and a time value. On the right, there are several input fields and controls for configuring the proximity reader's behavior. At the bottom, there are four buttons: "Receive", "Transmit", "Cancel", and "OK".

Callouts and their corresponding elements in the window:

- Change windows:** Points to the "Users" and "Settings" tabs.
- Proximity information:** Points to the "Proximity name" field, which contains "Proximity (id:50)".
- Enter proximity location and name:** Points to the "Location" field, which contains "Enter proximity location".
- Service code and proximity ID:** Points to the "Service Code" field (containing "12347890") and the "Proximity ID" field (containing "50").
- Proximity mode, output selection and open time:** Points to the "Proximity mode" dropdown (set to "Stand Alone"), the "Output inverted" checkbox (checked), and the "Proximity ID" field.
- Select LED settings for normal and activated mode:** Points to the "Led Setting" control, which shows a row of six colored circles (yellow, green, red, yellow, green, red) under the label "Normal/Activated".
- Groups' numbers, names and coded open time:** Points to the table of group settings.
- Transmit and receive data from/to proximity reader:** Points to the "Receive" and "Transmit" buttons.
- Submit settings and close the window:** Points to the "Cancel" and "OK" buttons.

Group nr.	Group nr.	00:00:05
0	Group nr.0	00:00:05
1	Group nr.1	00:00:05
2	Group nr.2	00:00:05
3	Group nr.3	00:00:05
4	Group nr.4	00:00:05
5	Group nr.5	00:00:05
6	Group nr.6	00:00:05
7	Group nr.7	00:00:05
8	Group nr.8	00:00:05
9	Group nr.9	00:00:05
10	Group nr.10	00:00:05
11	Group nr.11	00:00:05
12	Group nr.12	00:00:05

3.5. Users' management window:

The screenshot shows a window titled "Users Management" with a table containing the following data:

Code	Tag	Name
1234	E600000000186	Peter

Annotations and their corresponding elements:

- Tag number:** Points to the "Tag" column header.
- User name:** Points to the "Name" column header.
- User's code; it is programmed in a keypad screen (see 3.3):** Points to the "Code" column header.
- Close users management window:** Points to the close button (X) in the top right corner.
- Confirm changes in and close users' window:** Points to the checkmark button in the bottom right corner.
- Users table:** Points to the table area.
- Merge code and tags. Steps: 1. Select name/code 2. Select tag you want to merge 3. Push "Merge" button:** Points to the merge icon button.
- Delete existing user:** Points to the "+" button.
- Create new user:** Points to the merge icon button.

3.6. Add Unit window:

The screenshot shows a window titled "Select Unit Type and ID" with two dropdown menus and two buttons. The first dropdown menu is set to "CT2000".

Annotations and their corresponding elements:

- Select unit type, which you want to add in a system:** Points to the first dropdown menu.
- Select unit ID (please see products list for the settings of units' ID that are programmed in factory) (see 6):** Points to the second dropdown menu.
- Exit program window:** Points to the merge icon button.
- Confirm selection and close window:** Points to the checkmark button.

3.7. Parallel Box window:

Enter unit name

Enter unit location

Keypad or proximity reader position and status

Activate box input

Relays can be activated for user (code/tag) or for a bell function to all groups

LED settings for active and inactive mode (box input)

Unit ID

Select Bell activation time

Relay stand-alone activation mode

Receive data from other units

Transmit data to other units

Select Input delay in seconds

Confirm settings

Unit name	Location	Keypad or reader	Lock	S.Alone	LED setting for input
1	(1) No 1	Yes	No	Active	
2	(2) No 2	Yes	No	Inactive	
3	(0) No slave unit	Yes	No	Unit ID	
4	(0) No slave unit	Yes	No	Bell activation time	
5	(0) No slave unit	Yes	No	Box input	
6	(0) No slave unit	Yes	No	<input type="checkbox"/> Enable	
7	(0) No slave unit	Yes	No	<input type="checkbox"/> Negate	
8	(0) No slave unit	Yes	No	<input checked="" type="checkbox"/> Stand Alone activate relay	
9	(0) No slave unit	Yes	No	Input delay	
10	(0) No slave unit	Yes	No	Receive	
11	(0) No slave unit	Yes	No	Transmit	
12	(0) No slave unit	Yes	No	OK	
13	(0) No slave unit	Yes	No		
14	(0) No slave unit	Yes	No		
15	(0) No slave unit	Yes	No		
16	(0) No slave unit	Yes	No		

Mode	Gr.0	Gr.1	Gr.2	Gr.3	Gr.4	Gr.5	Gr.6	Gr.7	Gr.8	Gr.9	Gr.10	Gr.11	Gr.12
Relay 1	Bell	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Relay 2	Bell	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

3.8. Box485-4 window:

Enter unit name and location

Select first slave unit

Select second slave unit

Unit ID

Receive data from unit

Transmit data to unit

Select pre-activation time for 1 and 2 relay

Confirm settings for unit

Select bell activation time

Select active - inactive mode

Unit name	Location	First slave unit	Second slave unit	Unit ID	Preactivation time Relay 3	Preactivation time Relay 4	Bell activation time
BOX485-4(id:200, prog.ver.:7)	Enter Unit Location	(1) UNit with id 1	(2) UNit with id 2	200	Independent	Independent	1 sec

Group	Relay 1	Relay 2	Relay 3	Relay 4
Group 0	Active	Inactive	Inactive	Inactive
Group 1	Active	Inactive	Inactive	Inactive
Group 2	Active	Inactive	Inactive	Inactive
Group 3	Active	Inactive	Inactive	Inactive
Group 4	Inactive	Active	Inactive	Inactive
Group 5	Inactive	Active	Inactive	Inactive
Group 6	Inactive	Active	Inactive	Inactive
Group 7	Inactive	Active	Inactive	Inactive
Group 8	Inactive	Inactive	Active	Inactive
Group 9	Inactive	Inactive	Active	Inactive
Group 10	Inactive	Inactive	Active	Inactive
Group 11	Inactive	Inactive	Active	Inactive
Group 12	Inactive	Inactive	Inactive	Active
Bell	Inactive	Inactive	Inactive	Active

3.9. Box485 window:

Door Control Unit

Unit name: BOX485(T)(id:128, prog.ver.:4)

Location: Enter Unit Location

First Slave Unit: (7) Keypad CT2000(id:7, prog.ver.:3)

Second Slave Unit: (50) Proximity Proximity(id:50, prog.ver.:)

REX Time: 00:00:06

PreWarning Time: 00:00:04

Alarm Time: 00:00:09

Unit ID: 128

Transistor mode: Bell, Prewarning, Alarm

Relay output inverted:

Transistor output time: 1 sec

Transistor output inverted:

Buttons: Receive, Transmit, Time, OK

Callouts:

- Enter unit name and location
- Select transistor mode and relay output
- Select first and second slave units
- Select transistor output time and working mode
- Confirm settings
- Transmit and receive data to/from Box 485
- Unit ID number
- Select REX, alarm and system pre-warning time
- Opens Time box for events in a time frame (see 3.10)

3.10. Box485 T window:

Door Control Unit Time Based

Unit name: BOX485(T)(id:128, prog.ver.:4)

Location: Enter Unit Location

First Slave Unit: (7) Keypad CT2000(id:7, prog.ver.:3)

Second Slave Unit: (50) Proximity Proximity(id:50, prog.ver.:)

REX Time: 00:00:06

PreWarning Time: 00:00:04

Alarm Time: 00:00:09

Unit ID: 128

Transistor mode: Bell, Prewarning, Alarm

Relay output inverted:

Transistor output time: 1 sec

Transistor output inverted:

I1 as Monitor Input:

Holidays: Table with columns Date, T, R, H

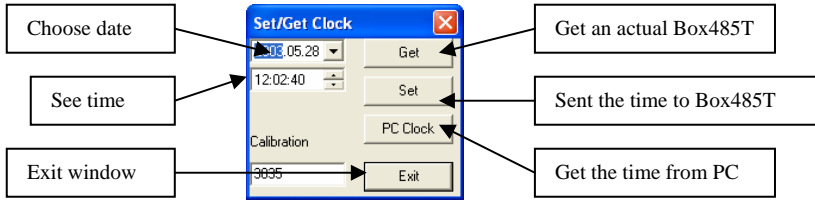
Buttons: Receive, Transmit, Set/Get Clock, Time, OK

Callouts:

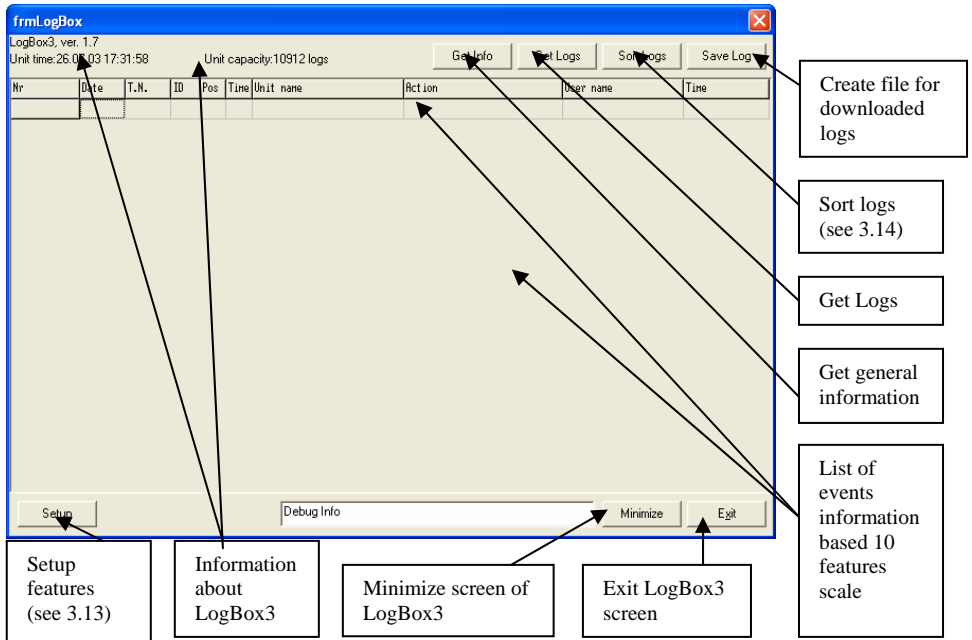
- Schedule your holidays; T: Normal for a day, Beginning of a period, End of a period; R: Recurrence - the same for every year, Next year only; H: H1, H2, H3, H4 (for the table below)
- Monitoring input
- Close time box
- Set clock (see 3.11)
- Time frame
- Weekdays (from Monday to Sunday)
- Holiday groups' activation (1 to 4)
- Users' groups (0-11) activation
- Save settings and exit window
- Bell, relay (door opening) and transistor activation
- Monitoring activation
- A green cell means access is activated, a blank cell means access is not activated

From	To	Mo	Tu	We	Th	Fr	Sa	Su	H1	H2	H3	H4	0	1	2	3	4	5	6	7	8	9	10	11	ti	Bl	Re	Tr
08:00	15:10																											
08:00	19:00																											
09:00	19:00																											
19:00	21:00																											

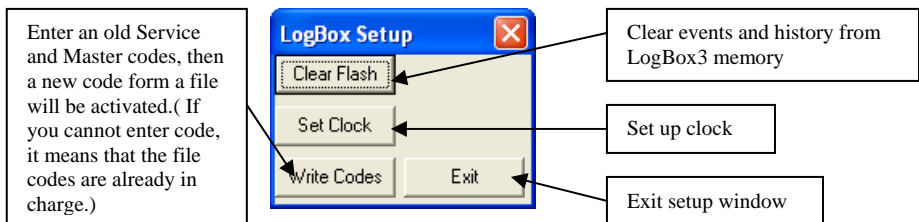
3.11. Set/Get Clock (Box485T window):



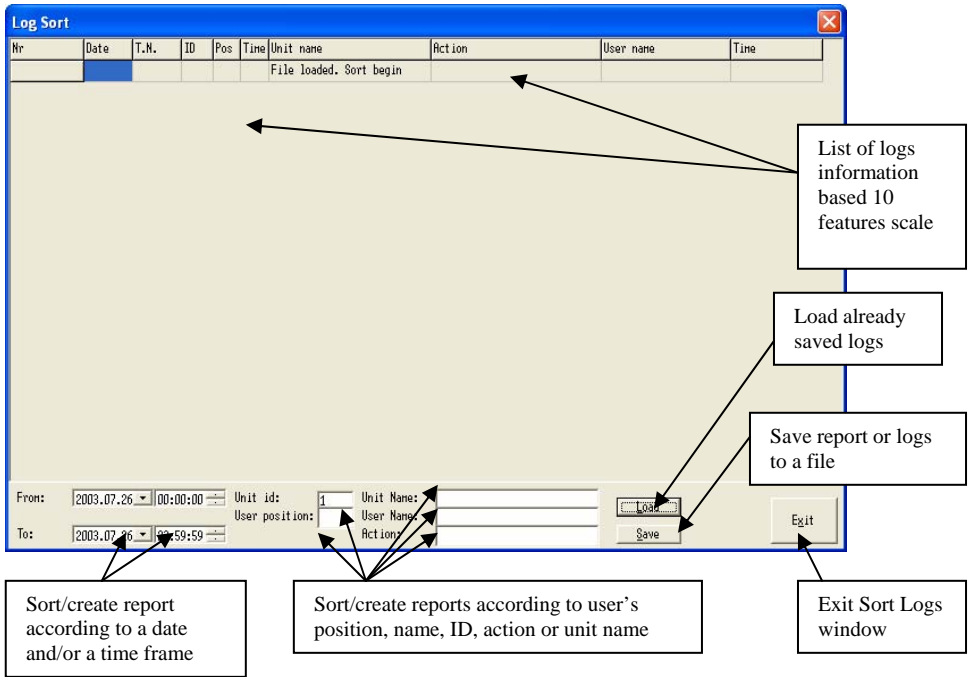
3.12. LogBox3 window:



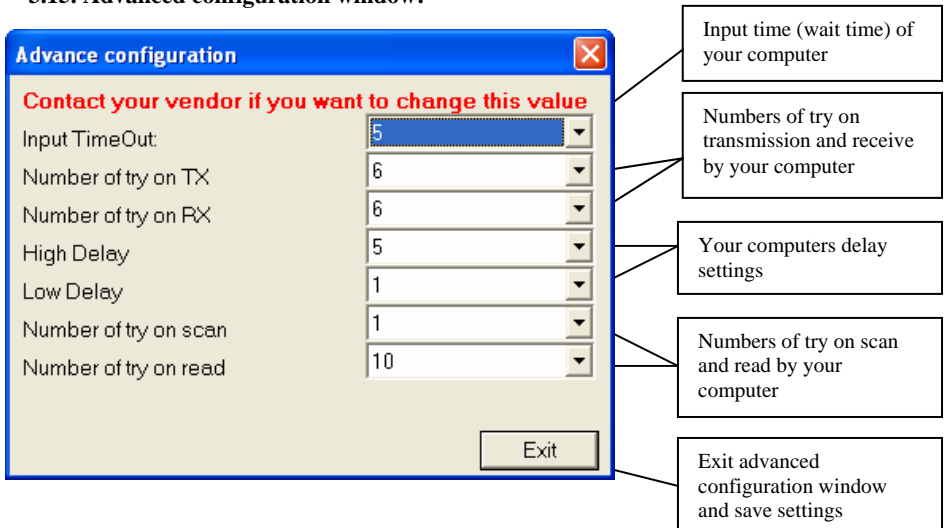
3.13. LogBox3 setup features



3.14. Sort Logs (LogBox3) window:



3.15. Advanced configuration window:



4. NOTES

5. INDEX

Access code – from one to eight digits combination used to lock-unlock electronic key

Equipment window – screen of a program to set, program or overlook a unit of access control system

Exit time – time before alarm or pre-warning signal will be activated

Interface – electronic device used as modem between an access control system and a computer

Interval – list of units ID

Keypad, proximity reader – electronic key

LED – light emitting diode for indication of a keypad action

Location – place where the system unit is located

Log – event registered at the access control system

Logging mode – mode when events at the access control system are registered on the program window

Master code – combination of digits from one to eight that is used to program electronic key mechanically

New system – a new group of electronic mechanism connected in one line

Rex – request for exit

Service code – from one to eight digits combination used to change, set or reprogram an existing system file

Slave – mechanism that is controlled by a system

System – a group of electronic mechanism connected in one line

System parameters – information about system

System unit, unit, equipment, device – electronic mechanism, which stands alone or is complementary part of access control system

Tag – tool to activate the proximity reader, the transponder

Toggle mode – mode when events at access control system over go LogBox3 internal memory and straight appear on program window

Unit ID – identification number of the access control system unit

User – a person having an access code or a tag and existing in the database of the access control system

Users' group – a group of people whom is allowed the same actions in the access control system

7. DISTRIBUTORS

Nr.	Country	Company
1.	Denmark	Alarmsystem A/S
2.	Norway	Alarmsystem A/S
3.	Sweden	Alarmsystem A/S
4.	England	Alarmsystem A/S
5.	Finland	Telekoski
6.	Germany	Conlan GmbH
7.	Estonia	Walde
8.	Lithuania	Apsaugos Sistemose
9.	Latvia	BST Riga
10.	Kaliningrad	SSM Kaliningrad
11.	Poland	TAP
12.	Slovakia	Tanara
13.	Czech Republic	Tanara
14.	Nederland	
15.	Belgium	
16.	Hungary	Riarex
17.	Byelorussia	BST Minsk
18.	Romania	Secpral
19.	France	
20.	Switzerland	Marbo
21.	Russia	Rossi

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