User Guide for the Portable Programming Terminal connected to an central unit

Description of the Portable Programming Terminal (PPT)

The PPT is used to program the INTRATONE® central units directly by the proximity reader based in the street. As a result, there is no need for special connections or dismantling operations to program the central unit. The PPT incorporates the controls illustrated below:

![Diagram of the PPT controls]

- Dialogue interface with the central unit (circular rubber seal)
- RS232 port
- Smart card reader
- Contrast adjustment (in Neutral mode only)
- ON/OFF button (press and hold)

**Note:** If the terminal is switched on but remains inactive for several minutes (between 2 and 10 minutes, depending on the current operating mode), it will automatically switch off.

The PPT operates in two different modes, depending on whether it has established communication with a central unit (via the proximity reader on the central unit) or whether it is being used in Neutral mode.
In **Neutral mode** (no communication has been established with a central unit), the screen of the PPT displays information about its operating state. In this mode, it can enter into communication with a central unit or configure the data within the PPT. As soon as it is switched on, the PPT displays diagnostic information designed to help you, for example:

```
- INTRATONE -
PROGRAMMING TERMINAL V34.02/Batteries = 98%
```

The error messages and their possible causes are as follows:

<table>
<thead>
<tr>
<th>Message</th>
<th>Meaning</th>
<th>Action required</th>
</tr>
</thead>
<tbody>
<tr>
<td>REPLACE BATTS</td>
<td>The batteries are exhausted</td>
<td>Replace the batteries (6 x AA)</td>
</tr>
</tbody>
</table>

In **Dialogue mode with a central unit**, the screen of the PPT displays information originated from the central unit (date, time, status of the reader, version of the loaded program). This mode is used to manage the parameters of the central unit (changing the password, changing the keys, etc.). When it is in communication with the central unit, the first line of the terminal indicates the time and date of the central unit.

In every case, to configure a **INTRATONE® central unit**, it is necessary to know:
- **the barrel number of the central unit** (Plug-in digital serial). It is stored in the PPT the first time the central unit is connected to the PPT.
- **the password for the central unit** which you will be asked for each time you connect to the central unit (the factory setting for this password is identical to the barrel number).

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### The main menus for configuring the Terminal

When the Terminal is switched on, press any key on the keypad to display the menus for configuring the PPT:

- **CONNECTION TO A CENTRAL UNIT**
  - For configuring a central unit
- **BARRELS GRANDED ON THIS TERMINAL**
  - Display the barrel numbers stored by the Terminal
- **LOGGED EVENTS**
  - Logged events (stored during the last connection with a compatible central unit)

The arrows indicate the scrolling direction of the screens when the ‘Next’ key is pressed. Press the ‘Cancel’ key to exit.

**Note:** *Only the “Connection to a central unit” is describe in this guide.*

### Characteristics of the Terminal in ‘Neutral’ mode

When the Terminal is switched on, the screen displays Help information. This information, which is continuously updated and scrolls down the screen, includes (for example) the following:

```
- INTRATONE -
PROGRAMMING TERMINAL V33.01/batteries=98%
```

The error messages and their possible causes are as follows:

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</tr>
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Apart from programming, the functions of the keys on the keypad of the Terminal are as follows:

- **Contrast adjustment**

  *(Press any other key to enter ‘Terminal configuration’ mode.)*
Response of the Terminal or a central unit in Configure mode

When choosing menus/submenus, the functions selected by the keys on the keypad are as follows:

Pressing any other key has no effect.

Cancel: return to previous menu / Neutral mode  Confirm: Display submenu / data

When entering data, the functions selected by the keys on the keypad are as follows:

Data can be entered by pressing any other key!

Contrast adjustment

Selection/previous letter
Selection/next letter

Cancel current screen  Confirm: displayed data

Changing to Dialogue mode between the Terminal and a central unit

To access the parameters of a INTRATONE® central unit, proceed as follows:

- Start the Programming Portable Terminal and press any key.
- The ‘CONNECTION TO A CENTRAL UNIT’ menu appears on the screen. Press the ‘Confirm’ key.
- Enter the password for the central unit(1) and confirm.
- The screen of the PPT displays ‘Searching…’. Place it in contact with the proximity reader of the central unit (the circular rubber seal is used to locate the correct position).
- As soon as the password is checked by the central unit(2), the PPT displays ‘Received data’ and reads the data from the central unit. Leave the PPT in contact with the proximity reader until 100%. You will hear two beeps, indicating the end of the transmission.
- As soon as the data have been transferred, the PPT changes to Dialogue mode and displays the date, the time and the diagnostic information originating from the central unit. You can now move the PPT from the reader and manage the parameters of the central unit.

(1) : The default password for a new central unit is the barrel number indicated on the label on the central unit.
(2) : If the password is incorrect, the PPT reverts to Neutral mode and, depending on the central units, may display a decryption sequence.

Once communication has been established, the information origination from the central unit is displayed in the following form:

20/06/05 14:30
INTRATONE Stand-alone mode // Door counter =000005 / Central Unit V12.08 / Aerial Connected / Proximity

The error messages and their possible causes are as follows:

<table>
<thead>
<tr>
<th>MESSAGE</th>
<th>MEANING</th>
<th>ACTION REQUIRED</th>
</tr>
</thead>
<tbody>
<tr>
<td>AERIAL FAULTY</td>
<td>The reader of the central unit is not properly connected or is missing.</td>
<td>Check the connections against the Installation Guide for the central unit. Also check the electrical continuity of the wires.</td>
</tr>
<tr>
<td>INDICATOR LAMP FAULTY</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Pressing any key on the PPT initiates a request for the barrel number of the central unit (the number indicated on the label affixed to the central unit).

Note:

- The default password for a central unit is stored as a factory setting. This is the barrel number of the central unit.
• **WARNING:** Every time any parameters are modified, the PPT must be placed in contact with the proximity reader in order to ensure that the new parameters are stored in the central unit.
Main menus in ‘Connection to a central unit’ mode

- PARAMETERS OF CENTRAL UNIT
  - To configure the time delay for opening the door, type of pushbutton, etc.

- MANAGEMENT OF RESIDENT KEYS
  - To manage the keys stored by the central unit

- MAINTENANCE OF CENTRAL UNIT
  - To change the password, update the program, reset the central unit

Notes:
- The arrows indicate the scrolling direction of the screens, using the ‘Confirm’ key: ✓
- To exit from Programming mode use the ON/OFF key for ‘Cancel’: ✗

‘Central unit Parameters’ menu

Change date and time  ➔  Date: 18/07/03  Day: Friday  Time: 09:30  Type: Summer
  - Number keys to enter date and time
  - Menu keys to select day and type of time
  - Menu keys for type of management

Format summer / winter time ➔  Manage Summer/Winter time: No
  - Menu keys for choice of type of PB
  - Number keys to enter door opening time in seconds

Door parameters ➔  Door PButton: NO  Door TDelay: 05s
  - Menu keys to validate/invalid the days
  - Cursor keys to move the cursor

Free access ranges ➔  Days:MTWTFSS  Access:******
  - Max. 3 ranges. Number keys for entry
  - '00:00 to 00:00': end of range input
  - 'xx:xx to 24:00': end of range input

Barrel number ➔  Main barrel: - xxxxxxxx -
  - Indicates the barrel number of the central unit to which a connection is currently being established.

The ‘Door Parameters’ menu is only visible in the PPT when switches 4, 5 and 6 of the central unit are set to OFF.

‘Management of Resident Keys’ menu

Add resident keys ➔  authorised  Access: yes
  - Menu keys to confirm/deny access
  - Menu keys to confirm/cancel the days

Days:MTWTFSS  Access:******
  - Max. 3 ranges
  - Number keys for input
  - '00:00 to 00:00': end of range input
  - 'xx:xx to 24:00': end of range input

Range 1: 00:00 to 08:00
  - Menu keys to change the learning mode

Range 2: 12:00 to 13:00

Range 3: 22:00 to 24:00

Learning-based storage?  ➔  Connect to the Proximity reader
  - Keys 0-9 for numbers
  - Menu keys for letters
Change the resident keys

Key: 904B97E1
Pin: 0001/0150
Authorized access: yes

Menu keys to confirm/deny access

Days: MTTFSS
Access: ****

Menu keys to confirm/cancel the days

Range 1
00:00 to 24:00
Then Range 2 / 3

Confirm key: to store the change

Menu key OR
Enter the key number via the keypad and then confirm

Delete resident keys

Key: 904B97E1
Pin: 0001/0150
Delete key no. 904B97E1?

Confirm key: permanent deletion of the key
ON/OF key: does not delete the key

Description of the learning phase for keys for the INTRATONE Pro central unit:

- Choose the ‘Add Residents Keys’ menu.
- Enter the choice of authorisation, days and ranges.
- Connect to the read head of the central unit via the Terminal.
- When the beeps sound, the LED on the read head will flash slowly.
- Pass the keys, in succession, in front of the read head.
- The first key causes the LED on the read head to flash rapidly green-green.
- You then have ten seconds in which to pass another key in front of the read head.
- When the procedure has been completed, the LED stops flashing.

'Maintenance of the Central unit' menu

Change password
Current password: .........
New password: .........
Repeat password: .........
Enter the current password. Enter the new password (minimum 4 characters and maximum 8).
You must enter the password again to confirm the change.

Position of the switches
Switch no.1: ON
Not used
Menu is not used

Switch no.2: ON
No time del...

Time delay before learning phase: Activated or deactivated
Menu keys to display the next/previous switch

Switch no.3: ON
Learning...

Automatic learning: Activated or deactivated
Menu keys to display the next/previous switch

Switch no.4: OFF
Programming...

Time delay for door and PB
Menu keys to display the next/previous switch

Switch no.5: OFF
Programming...

Time delay for door and PB
Menu keys to display the next/previous switch

Switch no.6: OFF
Programming...

Time delay for door and PB
Menu keys to display the next/previous switch

Events in date order
02/02/05 13:36
End of list: 120 events
Menu keys to display the next/previous event until the end of the list

Reset to factory settings
Current password: .........
ARE YOU SURE? WARNING! ALL...
Enter the current password. Carefully read the scrolling message and confirm to validate the reset.

Notes:

- For the functions of the switches, please refer to the User Guide for the Pro central unit.
- If the save operation (backup) is not carried out on the central unit, the events will not be logged.
- Reverting to the factory settings changes the central unit to the new configuration ‘Ready to be installed’. Once again, the password becomes the barrel number of the central unit.