

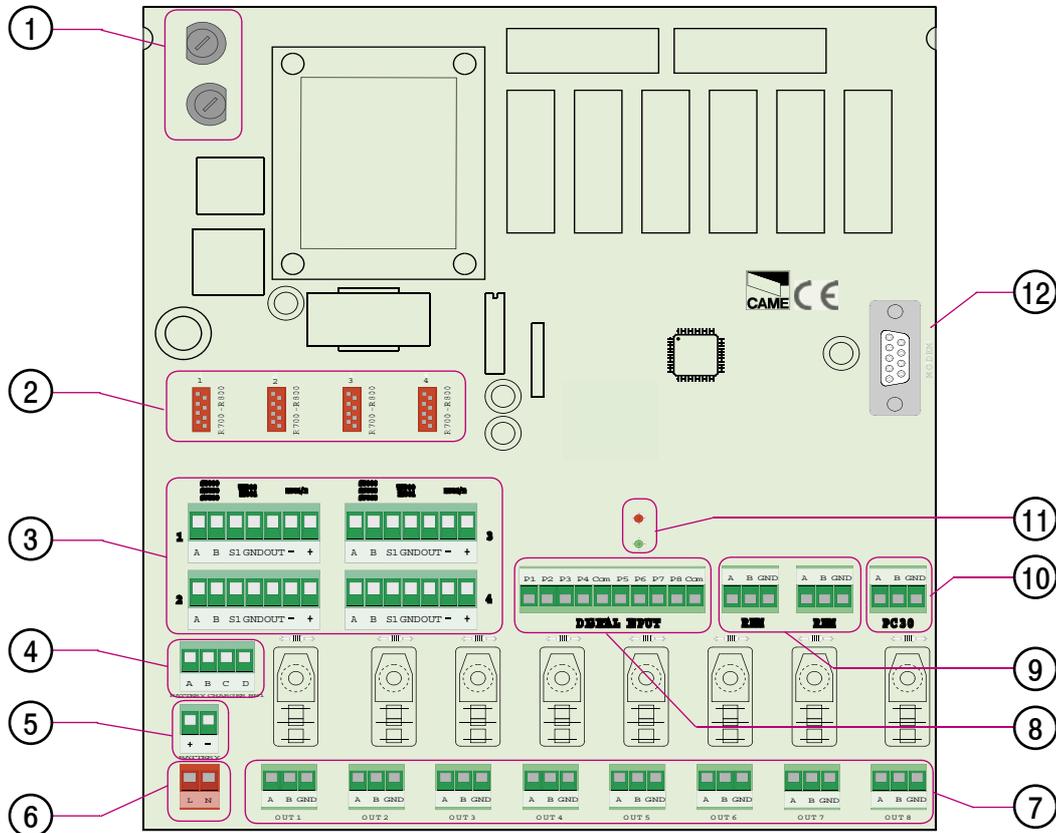
SECTION 1

RBM84 - hardware

CONTENTS

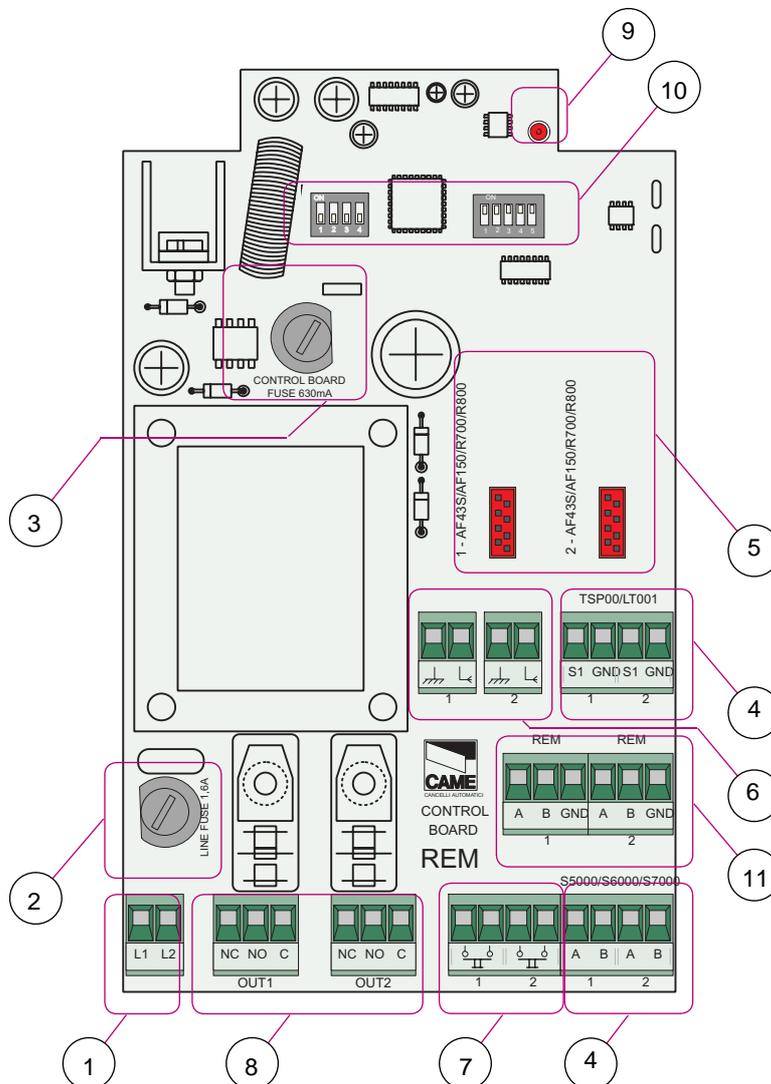
<i>subject</i>	<i>page</i>
RBM84 Motherboard - description	2
REM Motherboard - description	3
PC30 - description	4
General layout RBM84 system	5
RBM84 Connection <----> PC30 <----> Personal Computer	6
RBM84 Connection <----> REM (one section)	7
RBM84 Connection <----> REM (two sections)	8
RBM84/REM Connection <---> sensor: REMOTE CONTROL	9
RBM84/REM Connection <---> Keyboard selector, series S5000	10
RBM84/REM Connection <---> Keyboard selector, series S6000/S7000	11
RBM84/REM Connection <---> Sensor transponder for proximity devices	12
RBM84/REM Connection <---> Sensor for magnetic swipe cards	13
RBM84/REM Connection <---> Digital entrance contacts	14
List of REM addresses	15

RBM 84 Motherboard– description



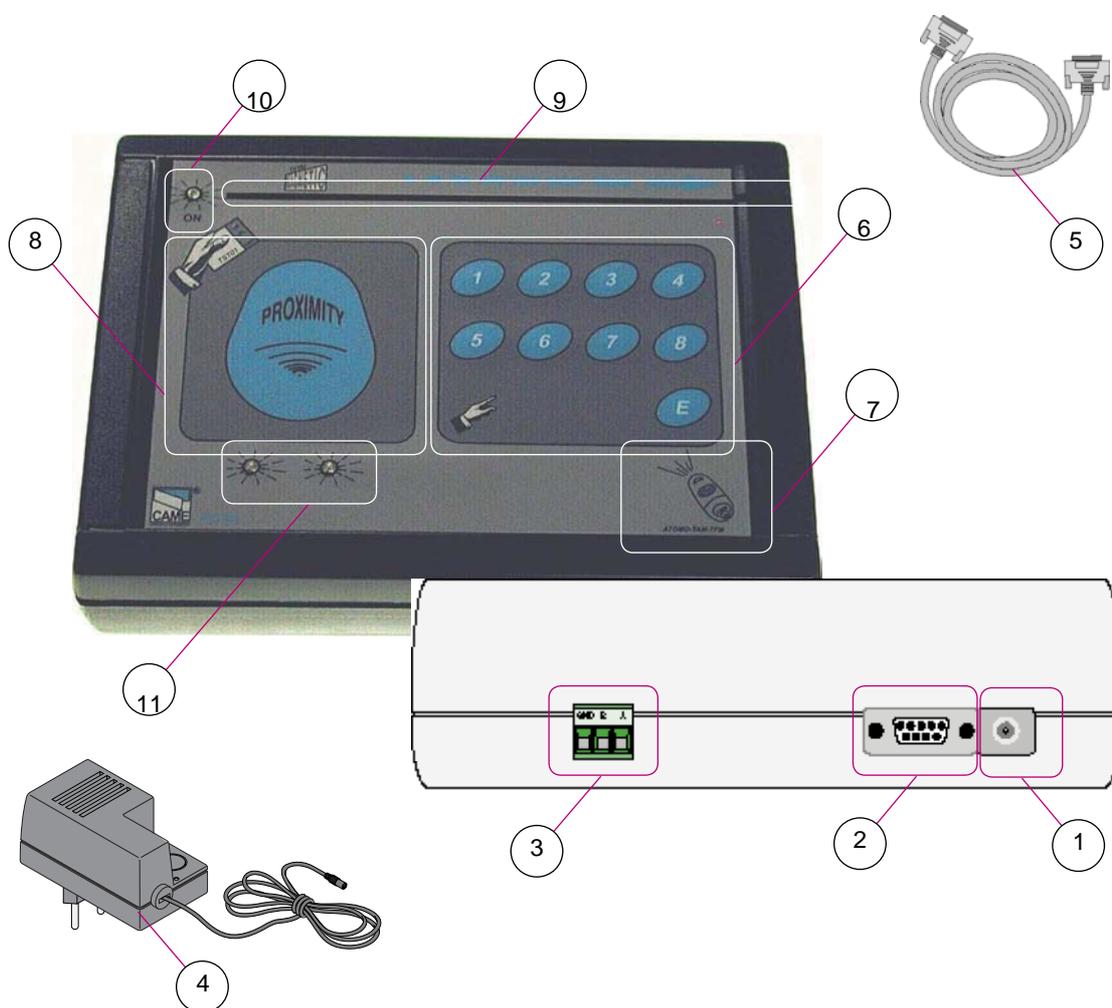
- 1 - Protection fuses (Line) 315 mA and circuit fuses (command board) 630 mA
- 2 - Connectors for R700 and R800 boards
- 3 - Terminals for connecting the sensors
- 4 - Terminals for connecting battery charger (BN1 2 x 12 V)
- 5 - Clamp for connecting batteries
- 6 - 230 V line connection
- 7 - Terminals for connecting the devices to command 10 A max. to 230 V per contact
- 8 - Terminals for connecting the digital input devices
- 9 - Terminals for connecting the REM extensions
- 10- Clamp for connecting the PC30
- 11- LED notifying “active circuit (red)” and “communication in progress (green)”
- 12- Connector for modem

REM Motherboard – description



- 1 - Terminals for powering board, 230 V
- 2 - Power protection fuse
- 3 - Circuit protection fuse
- 4 - Terminals for connecting sensors (keyboards, readers)
- 5 - Board connectors for signal decoding (sensors, remote controls)
- 6 - Terminals for connecting antenna
- 7 - Terminals for connecting the digital input devices
- 8 - Terminals for connecting the devices to command
- 9 - LED notifying "communication active"
- 10 - REM addresses selector
- 11 - Terminals for connecting to other REMs or RBM84

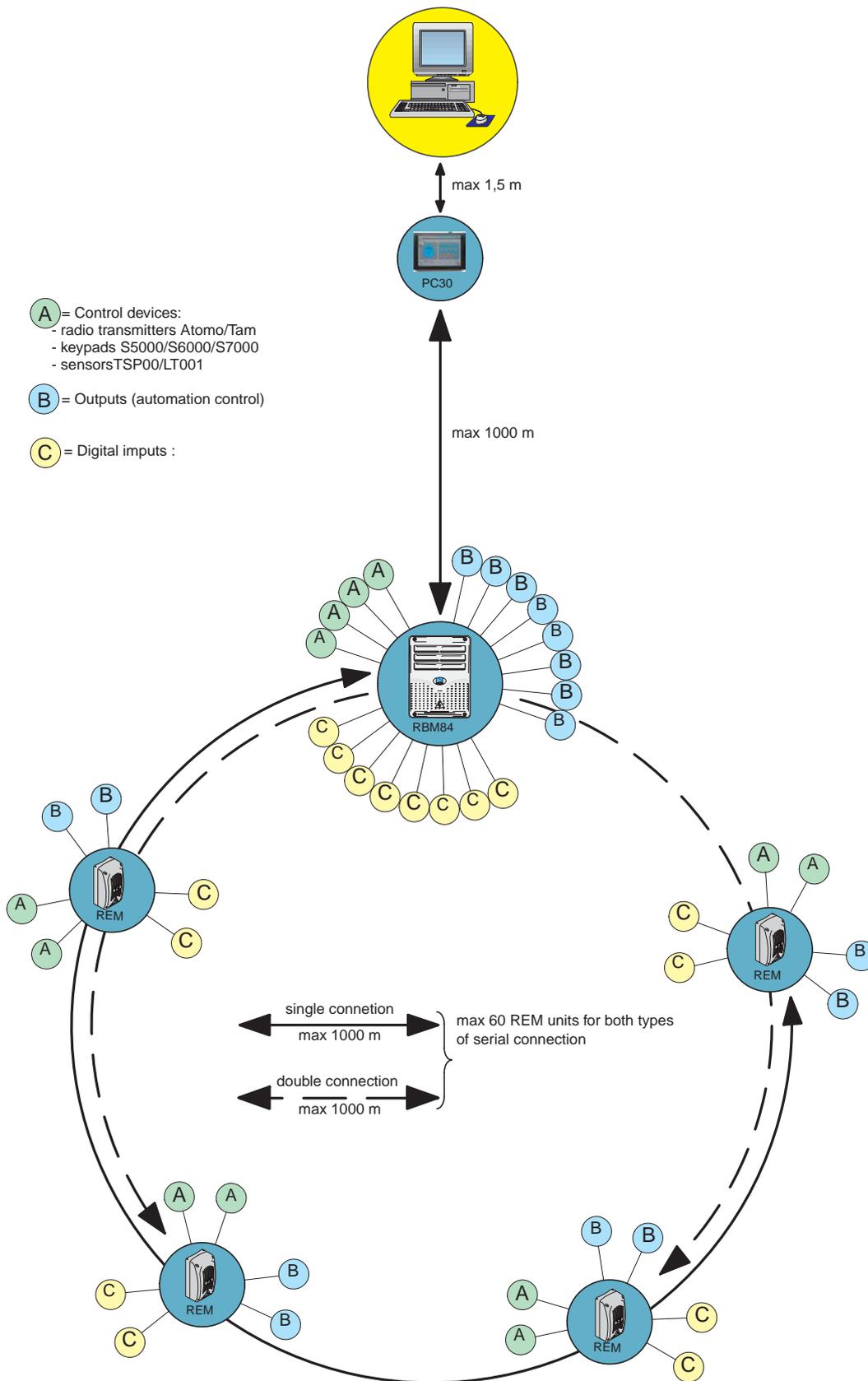
PC30 - description



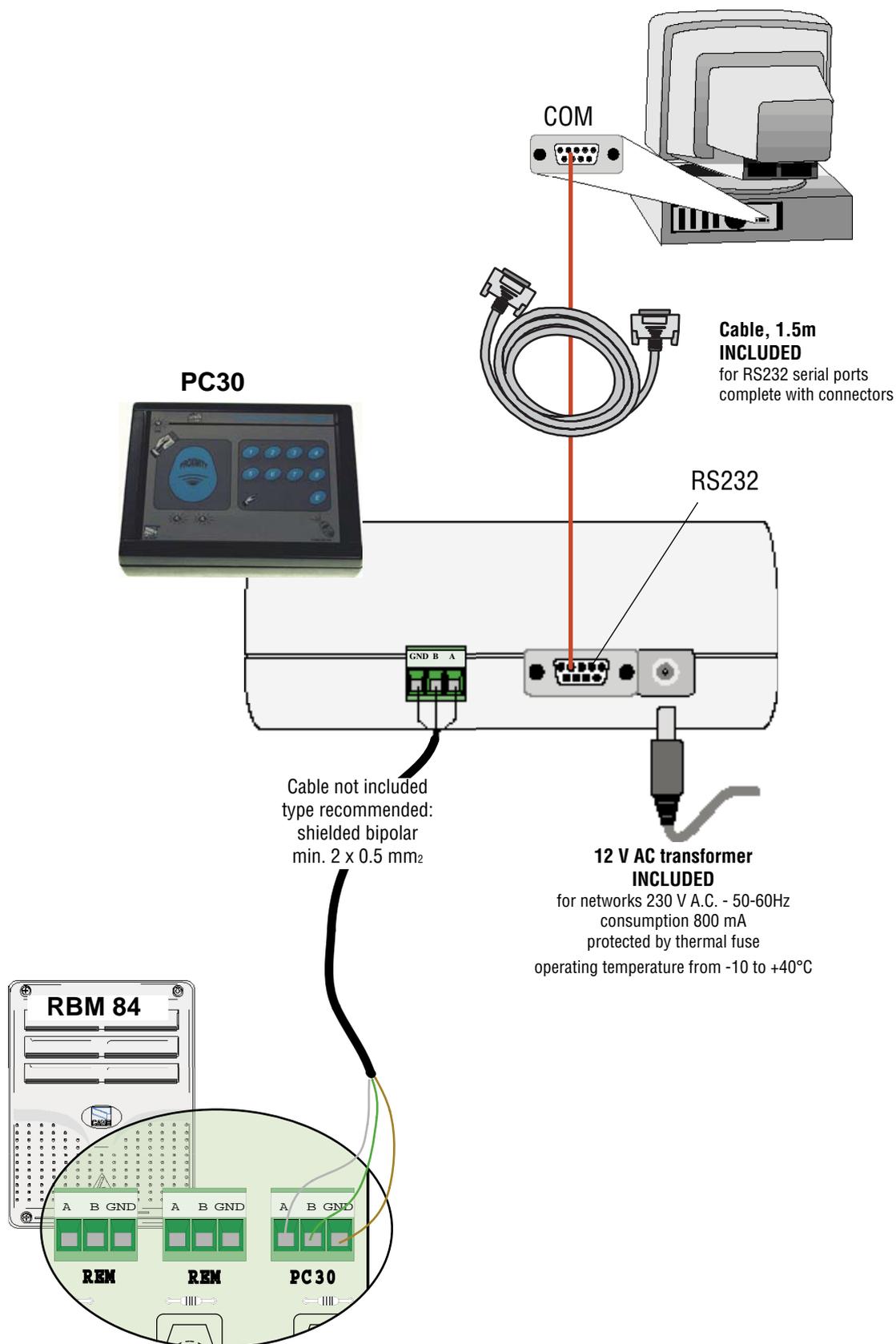
Cap1

- 1 - Power input, 12 V A.C.
- 2 - RS232 serial port for connecting to a Personal Computer
- 3 - Terminals for connection to RBM84 (RS485 serial port)
- 4 - 12 V A.C. transformer
- 5 - Cable complete with 1.5 m RS232 connectors
- 6 - Keyboard for saving selector codes S5000/S6000/S7000
- 7 - Area for memorizing transmitters TAM/ATOMO
- 8 - Area for memorizing Card TST01 (proximity cards)
- 9 - Area for memorizing Card TST02 (magnetic swipe cards)
- 10 - LED notifying "supply presence"
- 11 - LED notifying "registered code " and "code already present"

General system layout



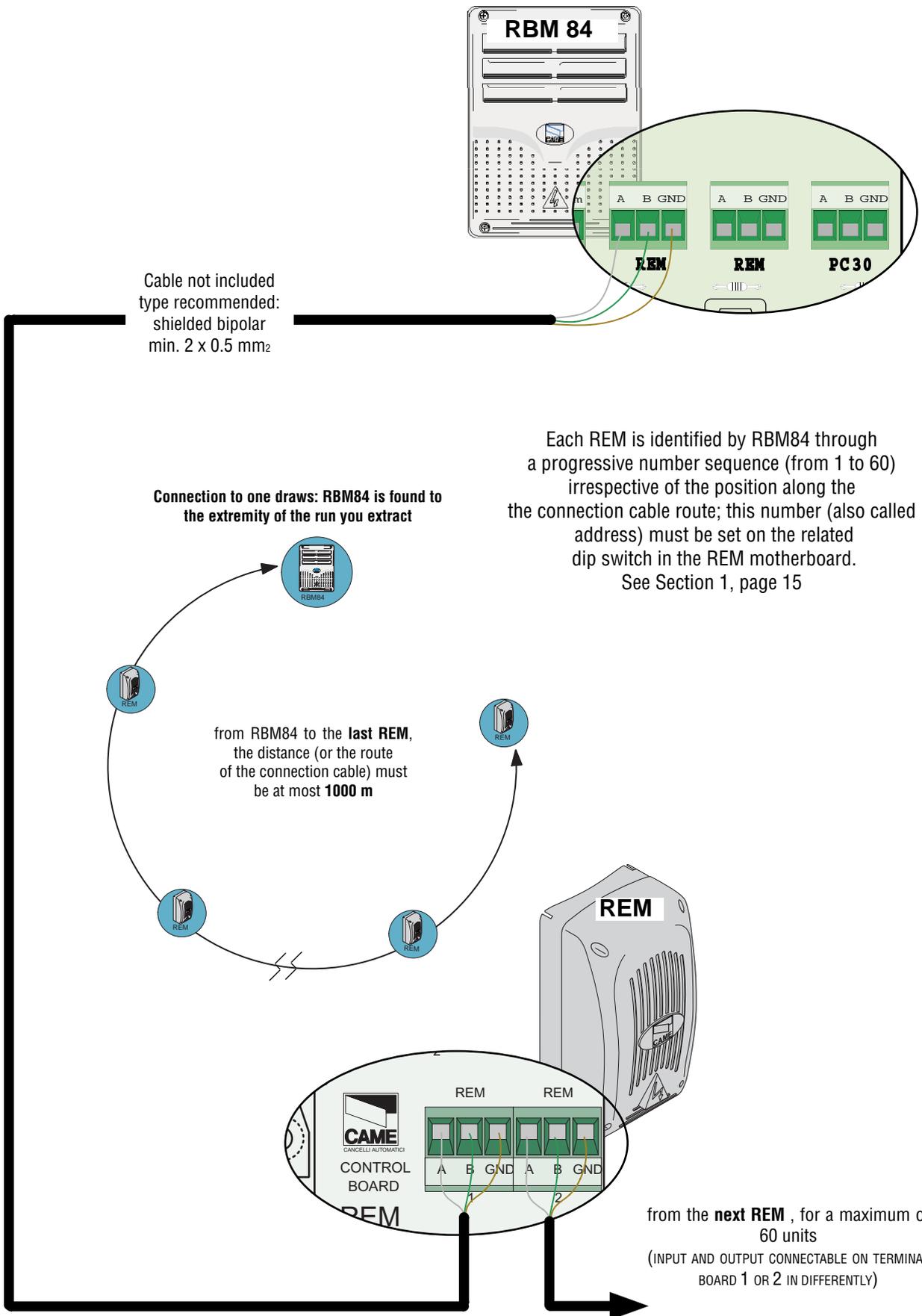
rbm84 connection <----> PC30 <----> Personal Computer



Cap1

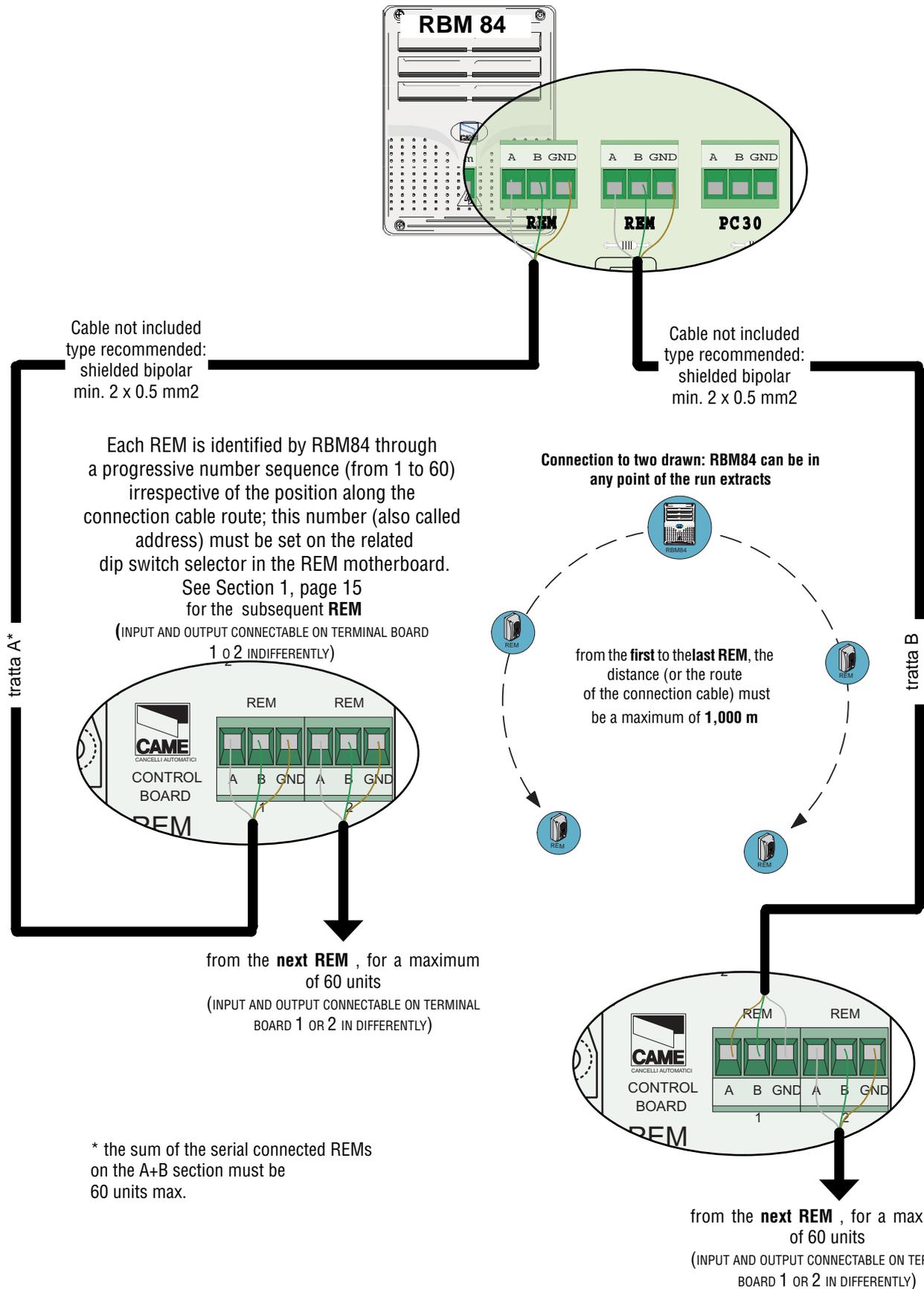
rbm84 connection <----> REMs (with one section)

Cap1

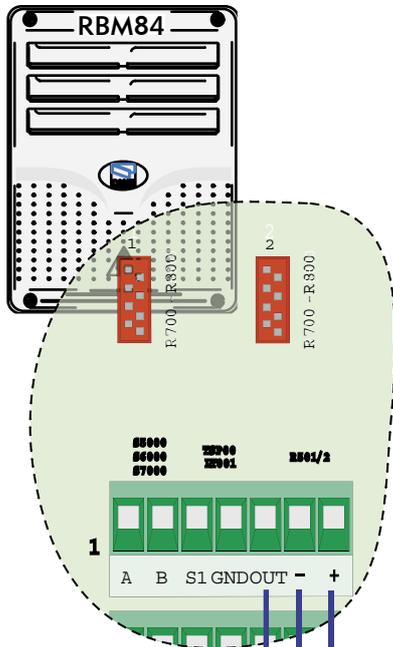


rbm84 connection <----> REMs (with two sections)

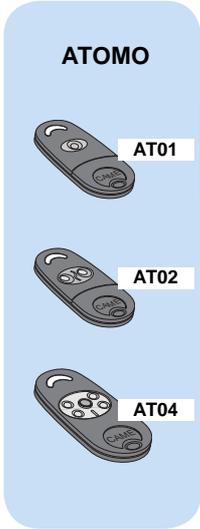
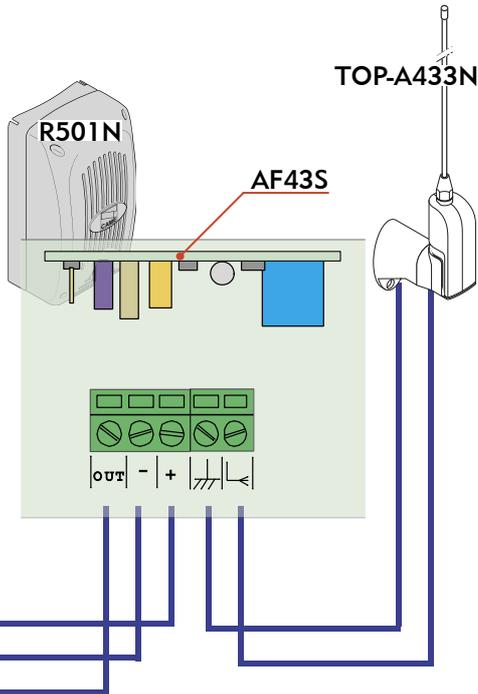
Cap1



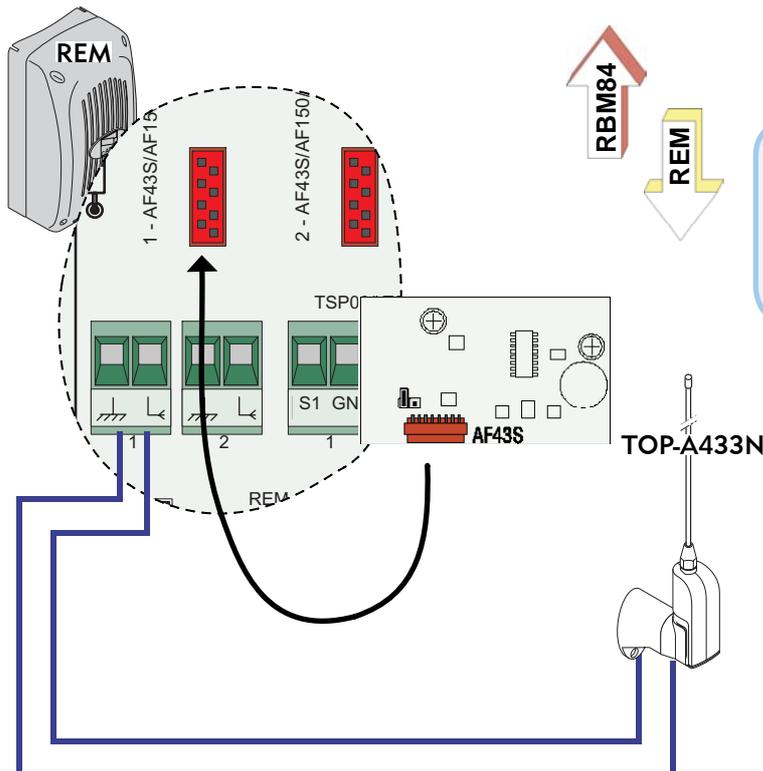
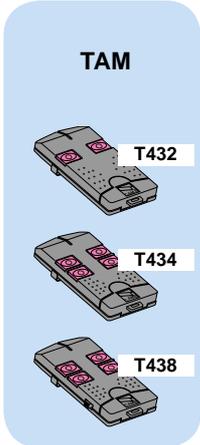
Connection rbm84/rem <----> sensor: remote control



On RBM84, you must connect the R501N receiver (which includes inserting the AF43S radiofrequency card into the dedicated connector) and an TOP-A433N aerial to the receiver itself



Cap1

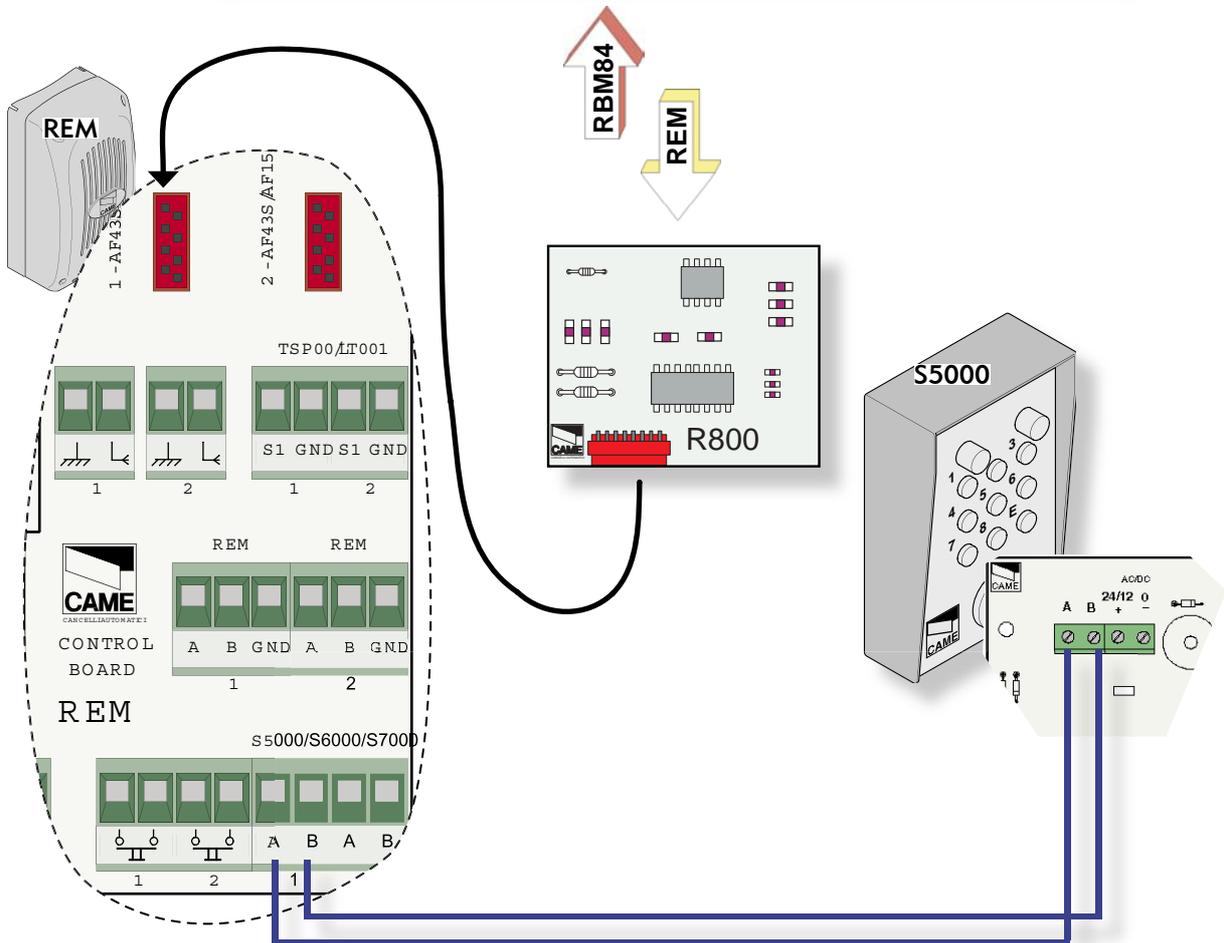
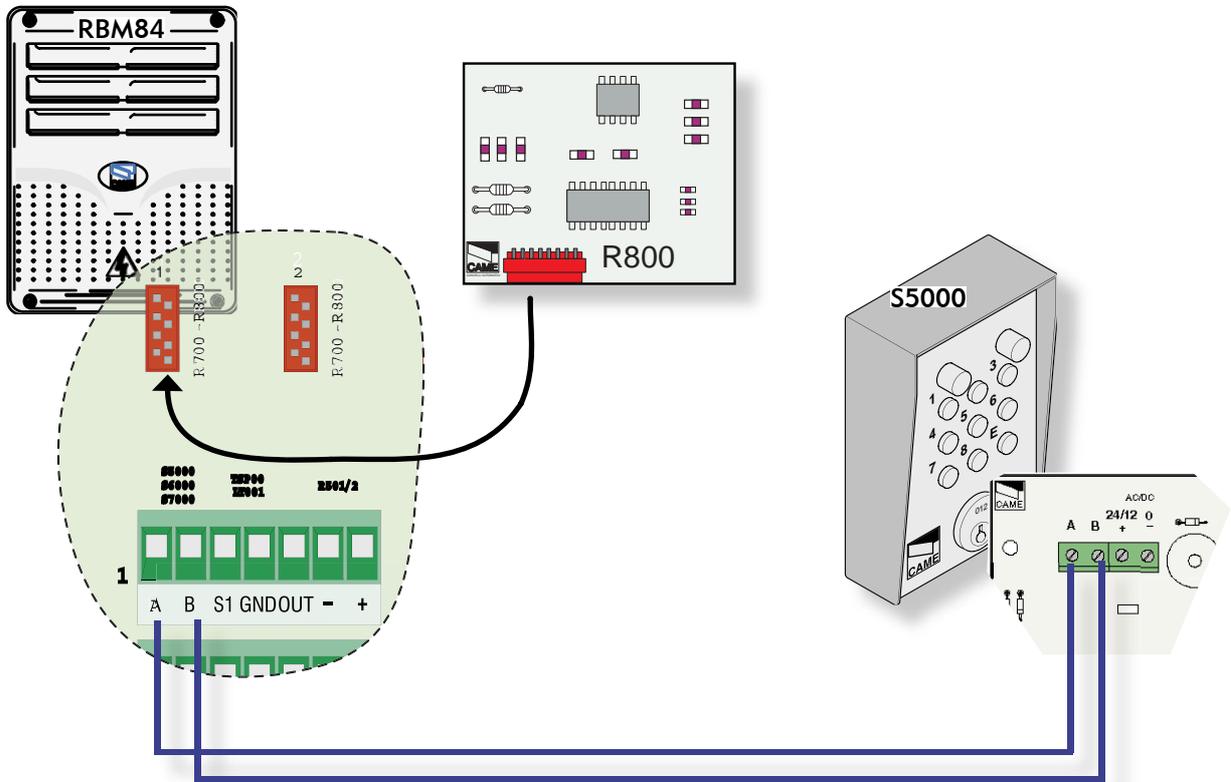


Simply insert an AF43S radiofrequency card in the REM and connect a TOP-A433N antenna on the REM motherboard



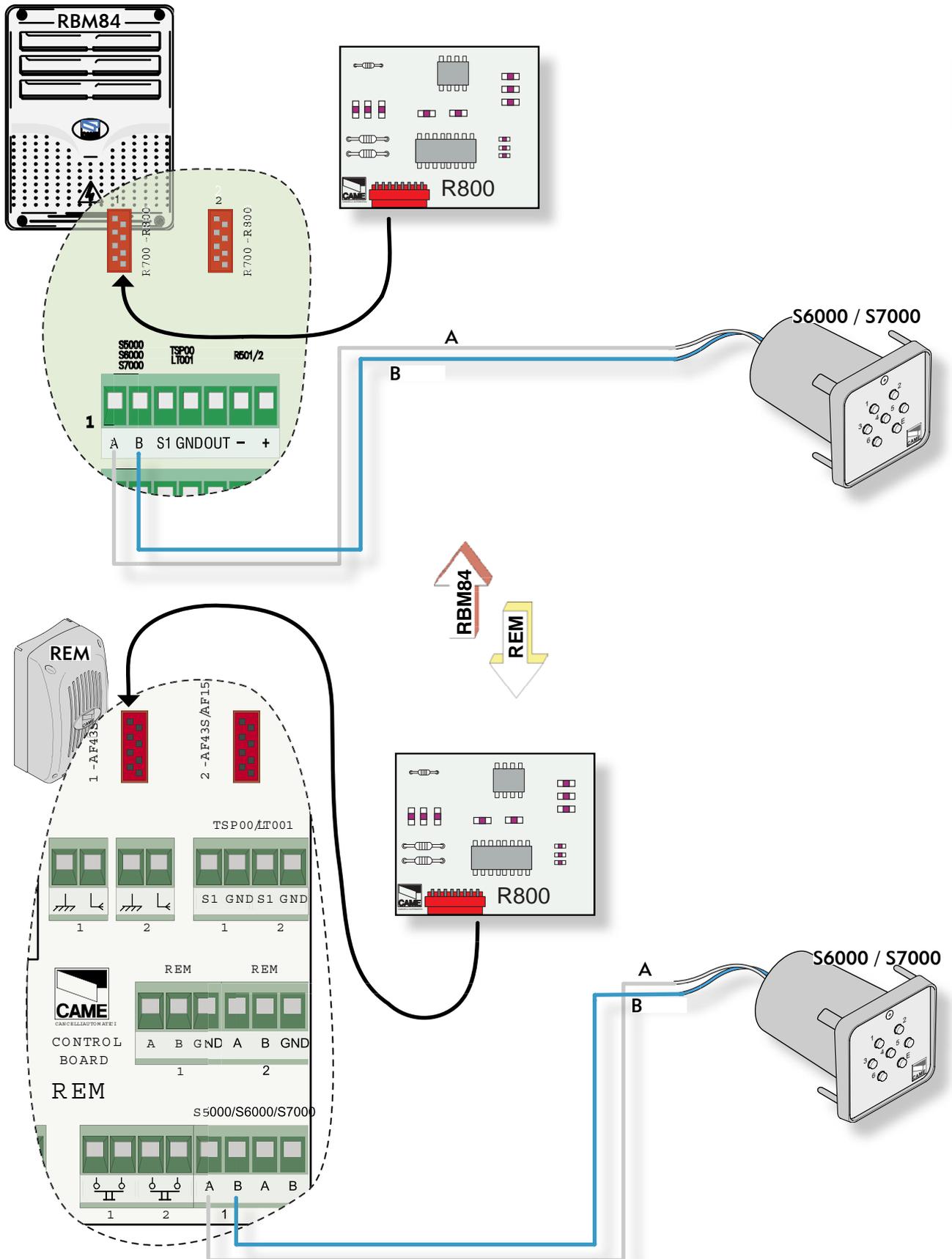
Connection rbm84/rem <----> Keyboard selector serious S5000

Cap1

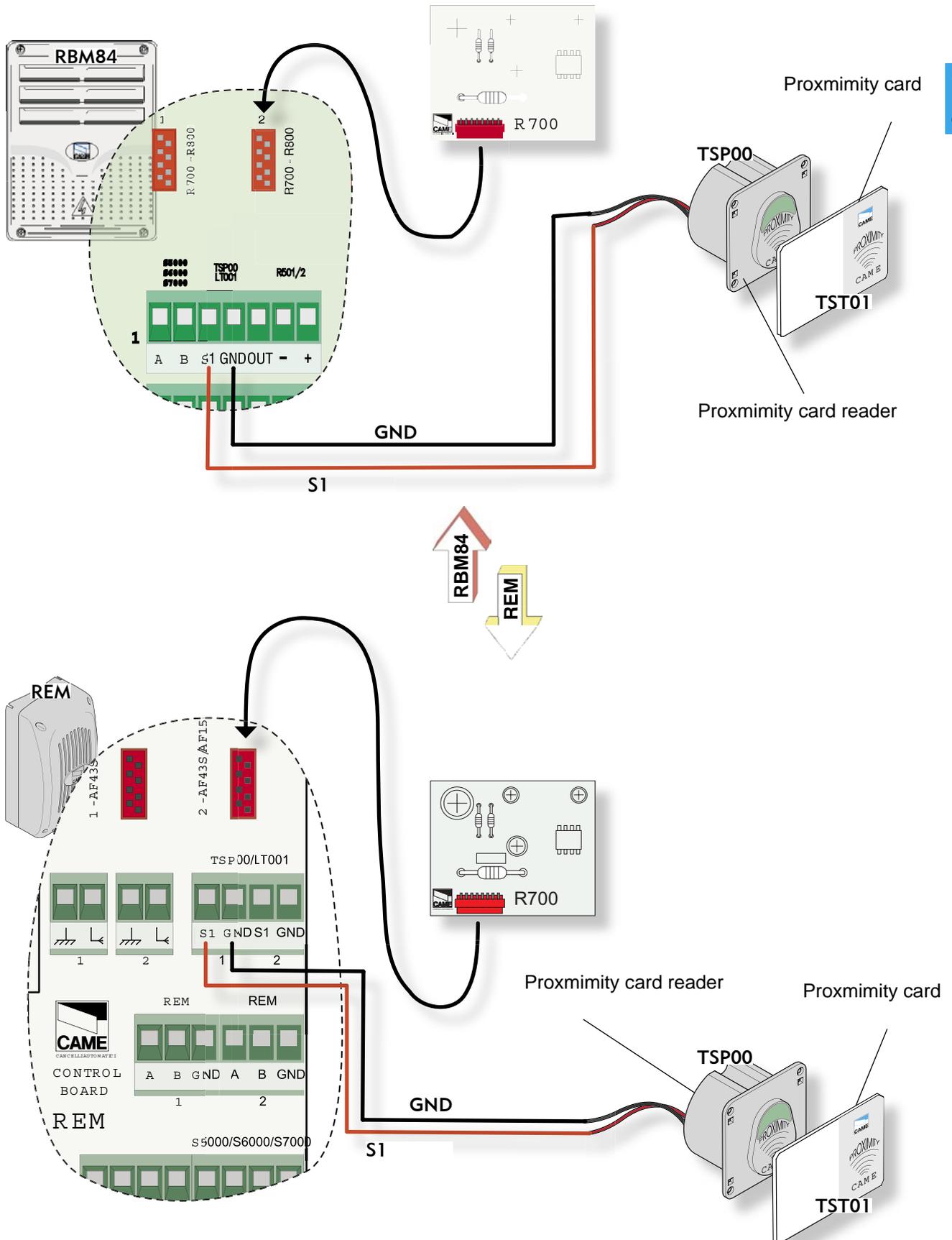


Connection rbm84/rem <----> Keyboard selector serious S6000 / S7000

Cap1

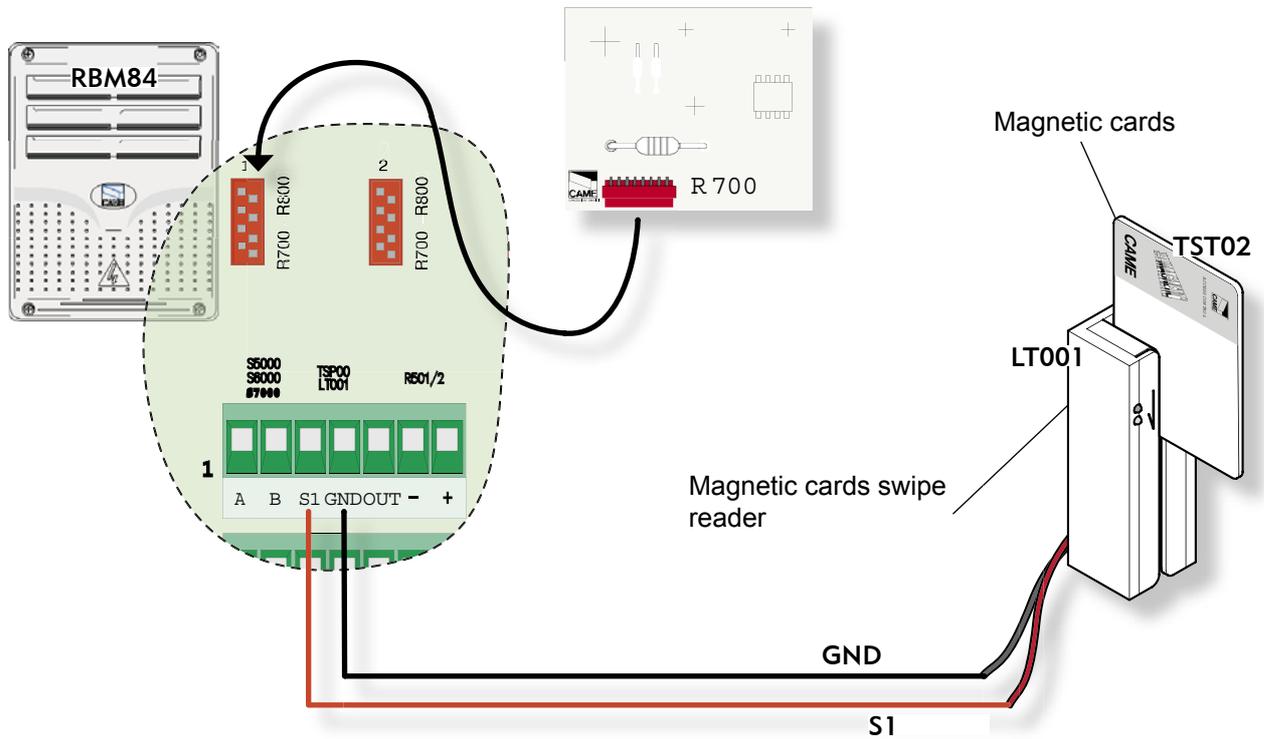


Connection rbm84/rem <---> Sensor transponder for devices of proximity

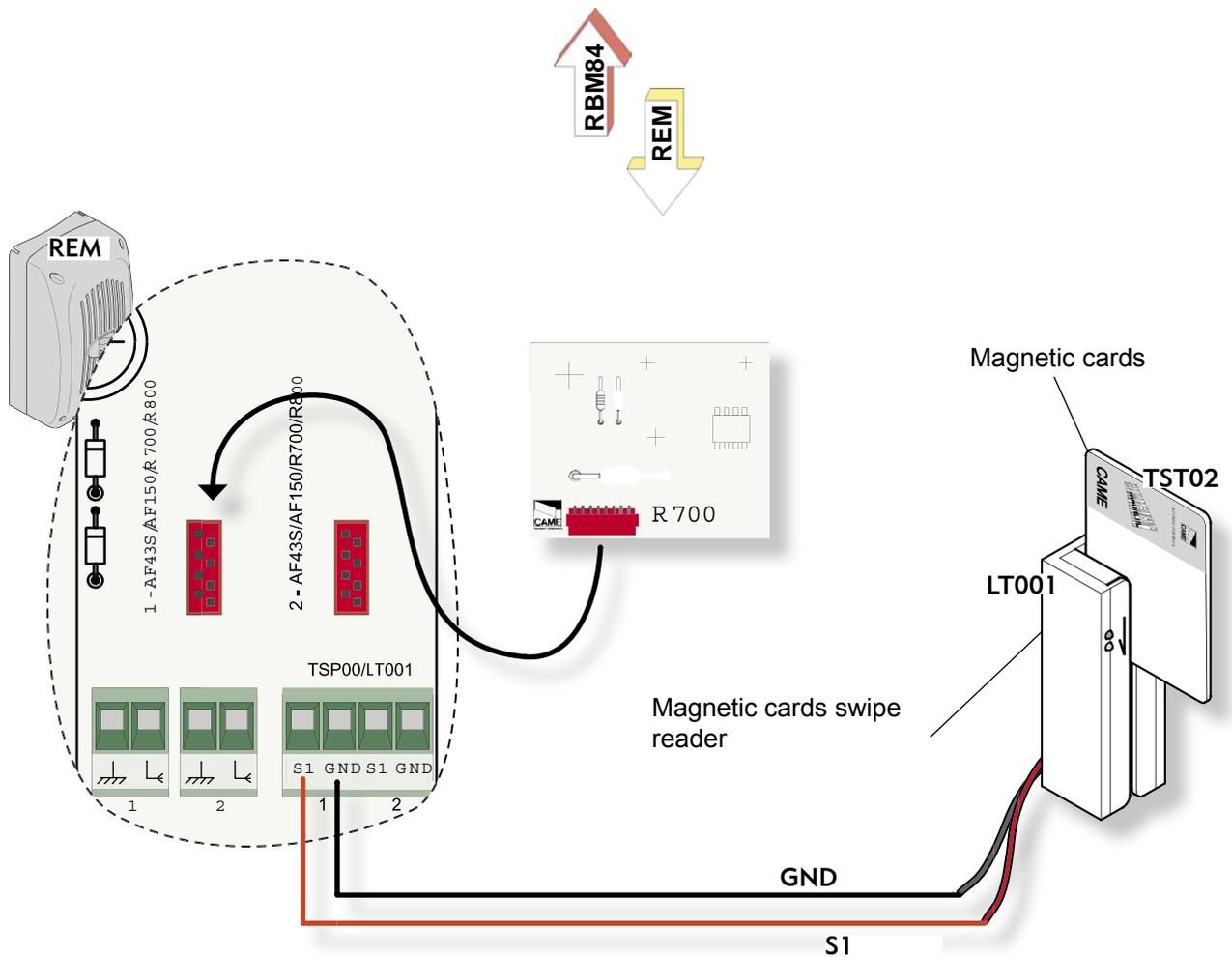


Cap1

rbm84/rem connection <----> Sensor for magnetic swipe cards

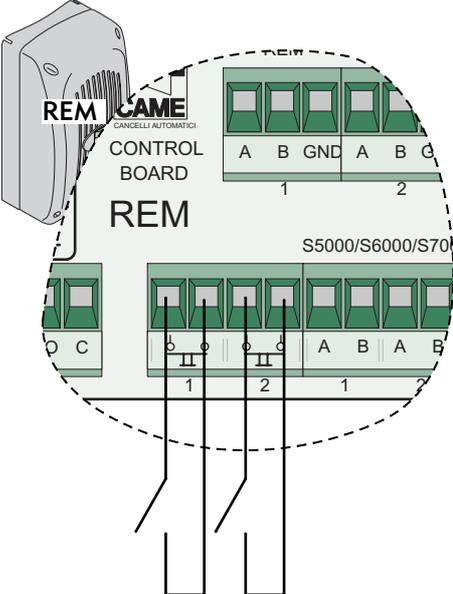
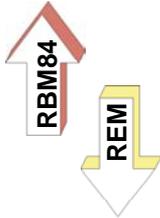
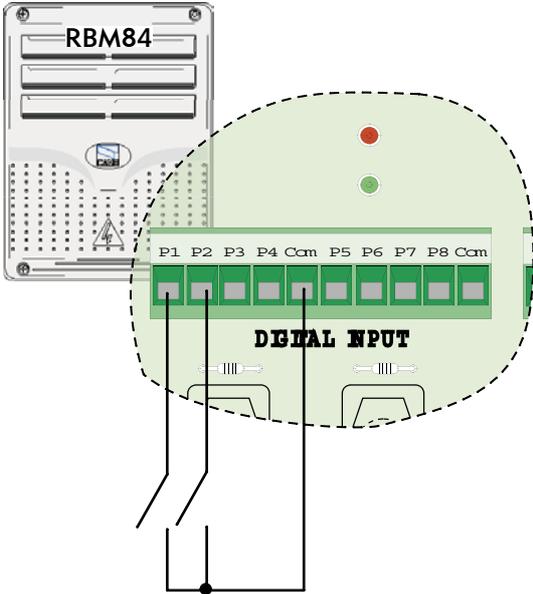


Cap1



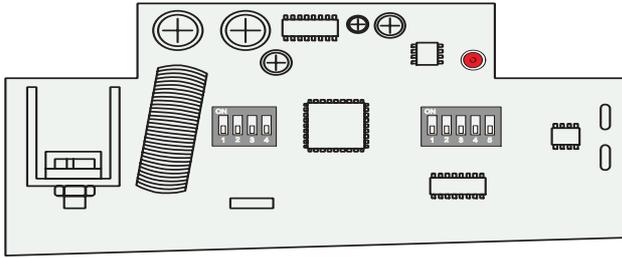
Connection rbm84/rem <----> contact digital inputs

Cap1



RBM 84 - ELECTRICAL CONNECTIONS

DIP



REM n°1			REM n°15			REM n°45		
REM n°2			REM n°16			REM n°46		
REM n°3			REM n°17			REM n°47		
REM n°4			REM n°18			REM n°48		
REM n°5			REM n°19			REM n°49		
REM n°6			REM n°20			REM n°50		
REM n°7			REM n°21			REM n°51		
REM n°8			REM n°22			REM n°52		
REM n°9			REM n°23			REM n°53		
REM n°10			REM n°24			REM n°54		
REM n°11			REM n°25			REM n°55		
REM n°12			REM n°26			REM n°56		
REM n°13			REM n°27			REM n°57		
REM n°14			REM n°28			REM n°58		
						REM n°59		
						REM n°60		

Cap1

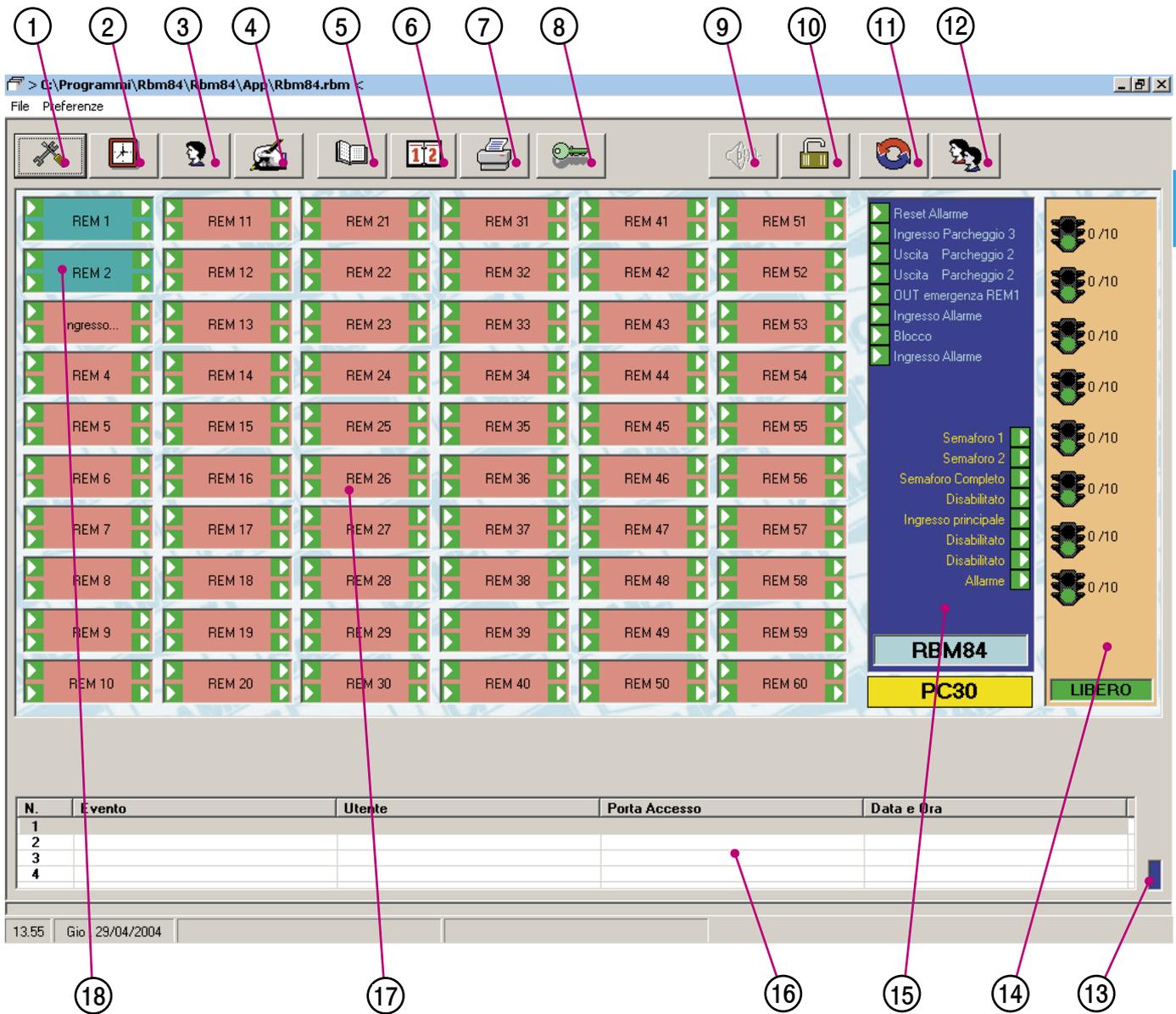
SECTION 2

RBM84 - software SYSTEM CONFIGURATION

CONTENTS

<i>SUBJECT</i>	<i>PAGE</i>
Main dialogue window	2
System configuration window	3
Configure PC30	4
Select the number of REMs connected	5
Assign a name to the RBM84- and REM- connected outputs	6
Define user groups	6
Setting traffic lights (if present)	7
Configure the control sensors connected to RBM84	8
Sensor Type	8
Sensor function	8
Associate the sensor to a connected output	8
Associate the sensor to a traffic-light control	9
##Cost/Tariff Function (differentiated ***output)	10
Associate the sensor to a user group	11
Configure the outputs connected to RBM84	12
Activate the RBM84 outputs	12
Relay function	13
Configure the digital entrances connected to RBM84	14
Associate the digital devices to the outputs	14
Configure the REMs	15
Assign a name to the REMs	15
Configure the control sensors connected to the REM	16
Sensor type(REM)	16
Function of the sensor (REM)	16
Association of the sensor to a connected (REM) output	17
Association of the sensor to a traffic-light control (REM)	17
Association of the sensor to a user group (REM)	18
Configure the outputs of the REM	19
Activate the outputs of the REM	19
Relay function(REM)	20
Configure the digital entrances of the REM	21
Assign the digital devices to an output (REM)	21

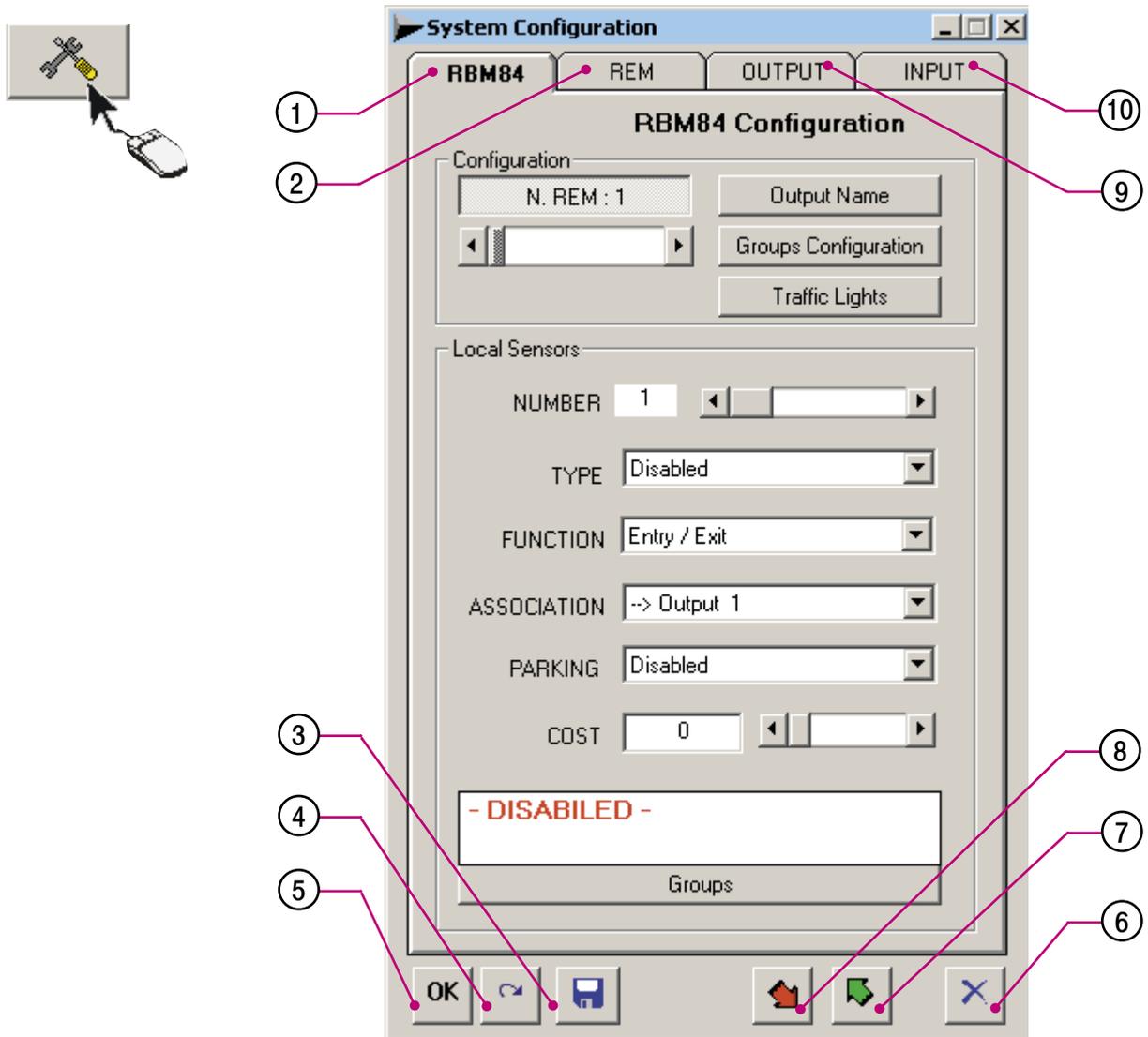
Main dialogue window



- 1 - Button for opening the System Configuration window
- 2 - Button for opening timings
- 3 - Button for opening User Configuration Window
- 4 - Button for opening Update System Window
- 5 - Button for opening History
- 6 - Button for opening Daily History
- 7 - Button Password window
- 9 - Button for the audio alarm shut-down
- 10 - Button for system Block/Clearing

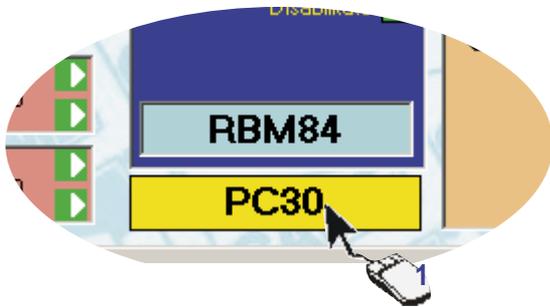
- 11 - Button for opening Project Management window
- 12 - Button for opening Occupancy Window
- 13 - Lit panel for signalling communication with the board.
- 14 - Traffic lights section, indicates whether the traffic lights are connected, their positions and their status.
- 15 - digital RBM84 inputs and outputs section
- 16 - Display window last 4 passages (in real time)
- 17 - REMs not communicating (red)
- 18 - REM communicating (green)

System Configuration Window

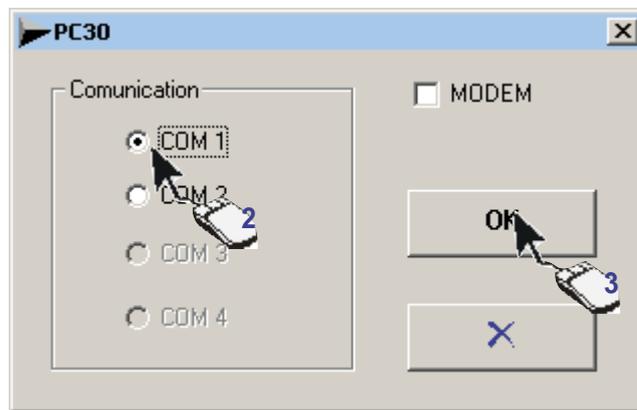


- 1 - RBM84 Configuration menu
- 2 - REM configuration menu
- 3 - Save key
- 4 - Cancel changes key
- 5 - Confirm changes key
- 6 - Escape key
- 7 - Key for reading RBM84 configuration
- 8 - Key for writing configuration on RBM84
- 9 - Configuration menu for RBM84 outputs
- 10- Configuration menu for RBM84 digital inputs

PC30 Configuration



When the window is opened, it shows the list of the COM available on the PC

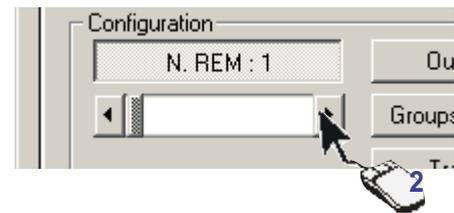
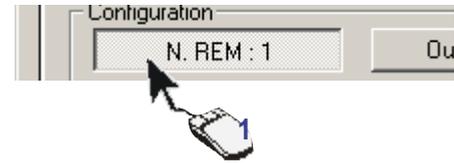
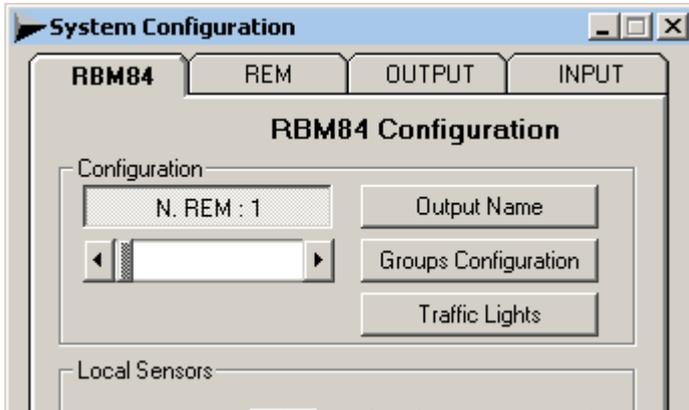


In the PC30 configuration screen, you must select the PC's port connection which connects PC30 (normally COM1).

Caution! This operation should be performed before starting any programming and/or configuration operation described in the following pages or in later sections, otherwise every software request for updating and/or saving will elicit a COMMUNICATION ERROR.

Select the number of REMs connected to the RBM84 board

In the Configuration area of the RBM84 board , set the number of REMs connected, clicking on button [N REM] and dragging the scroll bar



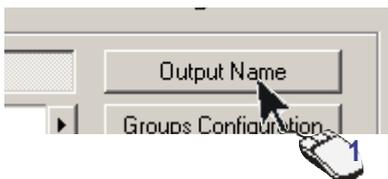
Cap 2

Caution! at the end of every group of operations, you must **update** to make the changes effective

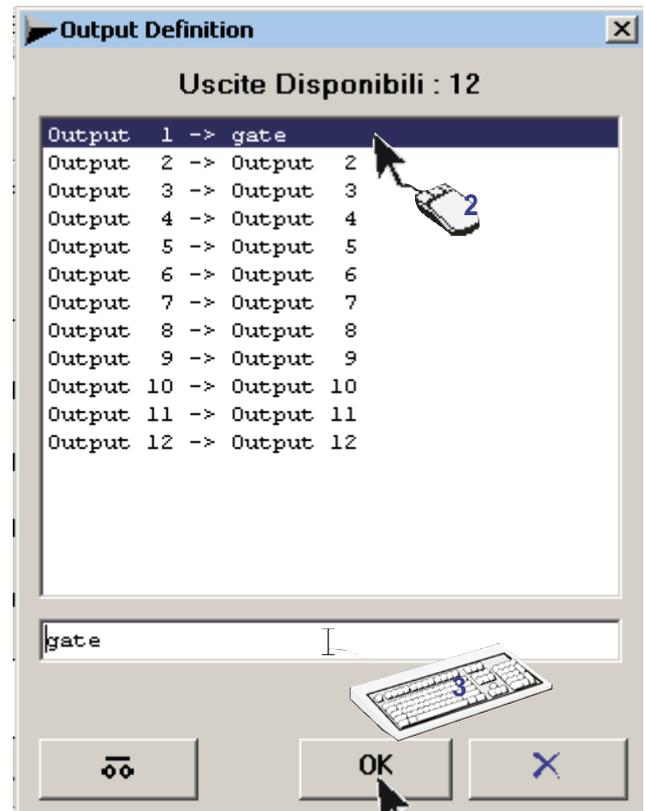


Assign a name to the RBM84- and REM-connected outputs

Click on [Output] ...



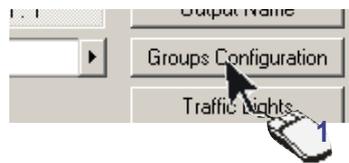
... and type in the OUTPUT DEFINITION window the selected name for the outputs connected both to the RBM84 and the REMs



This procedure is optional: by default, the system assigns a name for each output available in the system (from "Output 1" a "Output 128").(The first 8 outputs are RBM84s and the ones after are REMs) It is recommended, however, to name all the outputs to make subsequent configurations easier and safer

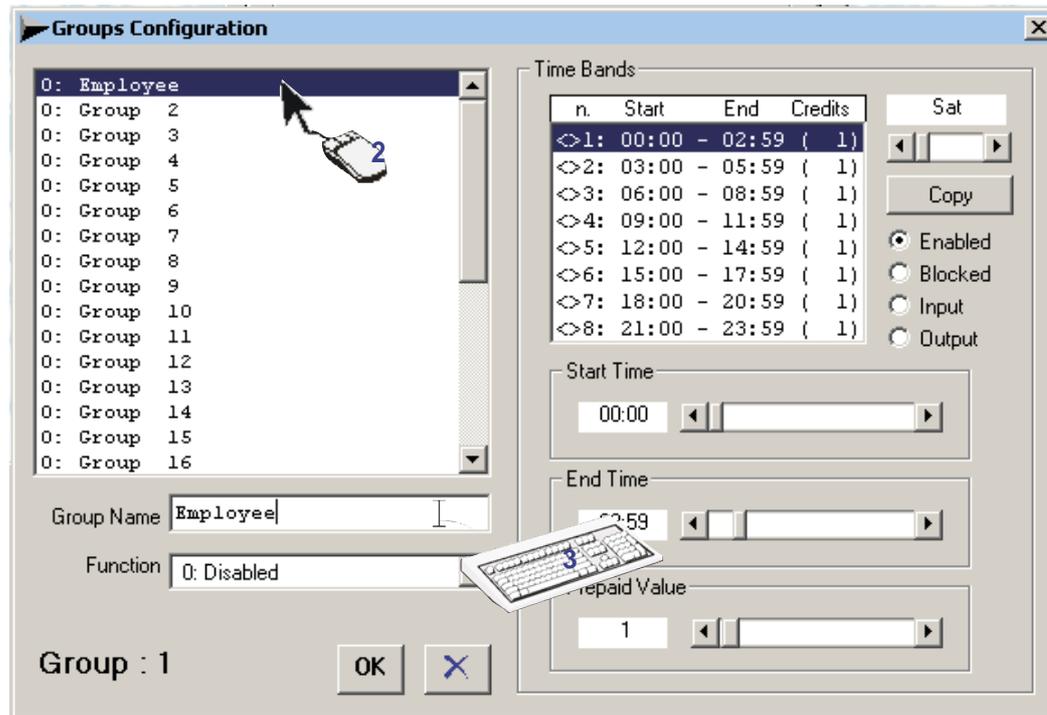


Define the user groups



- 1-Click on **CONFIGURE GROUPS**
- 2-Select the group to set
- 3- Assign a name to the group selected

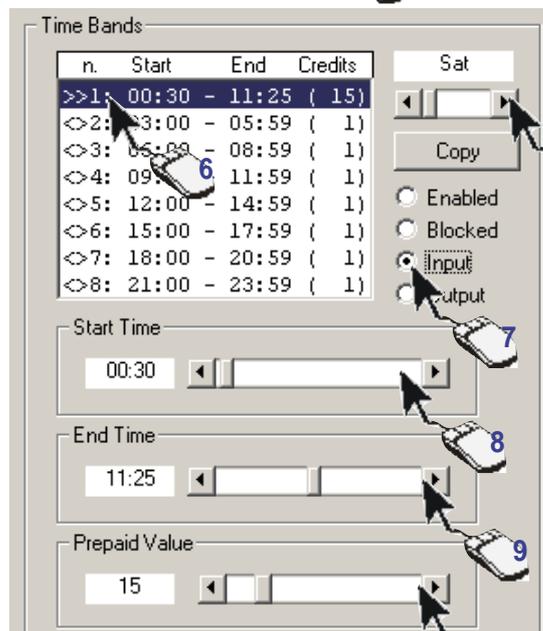
(N.B. it is compulsory to enable at least one group)



(N.B. it is possible to assign up to 8 time bands per day)



- 4- Associate a function to the individual group: **DISABLED** prevents all movement for the whole group. **ENTRY/EXIT** allows the group the normal entry and exit operations. **SAFETY** allows entry at any time, even if access is made during the blocked time bands.

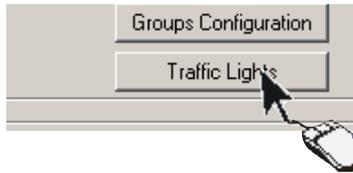


- 5- Select the day to set
- 6- select the band to set
- 7- Assign a function to the individual band. **ENABLED** allows the group to enter and exit during that set time band. **BLOCKED** prevents both entering and exiting. **ENTRY** allows entry only in the set time band **EXIT** allows exit only in the set time band

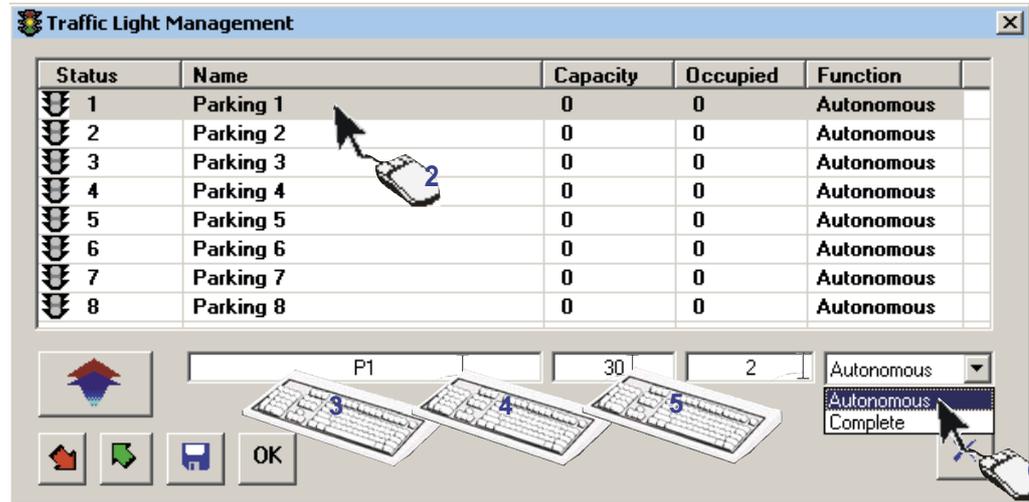
- 8- Select the band start time.
- 9- Select the band end time.
- 10- Associate a credit value to the band



Setting traffic lights (if present)



1-Click on **TRAFFIC LIGHTS**



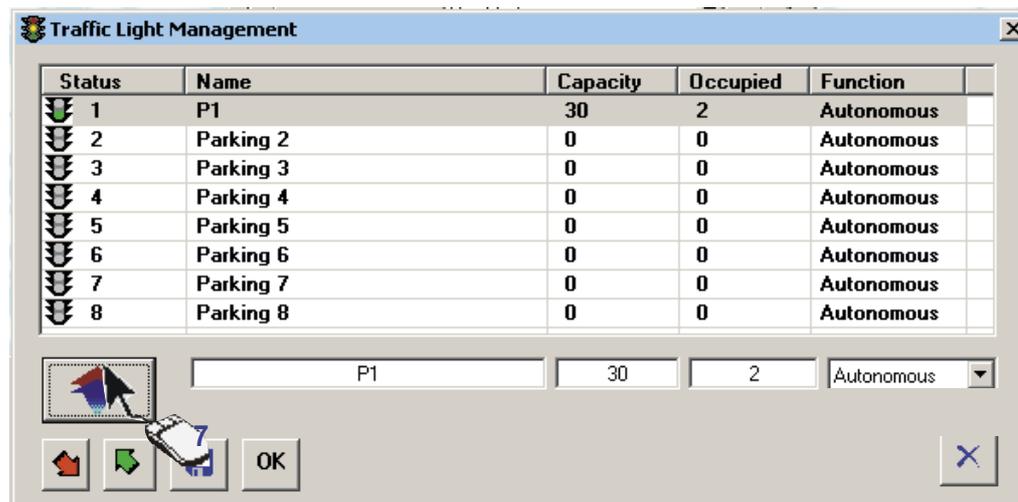
2- select the traffic light to set.

3- Assign a name to it.

4- Assign a maximum capacity.

5- If there are occupied parking spaces during installation, simply mark them in the 'Occupied' Box.

6- You can select the function type. **With the Autonomous function**, the traffic light is considered independent and is therefore not counted in the total. **With the Complete function**, however, the traffic light is part of a group of traffic lights, and when everything is completed, the total will indicate this.



7- Once set, the new values must be assigned to the traffic light

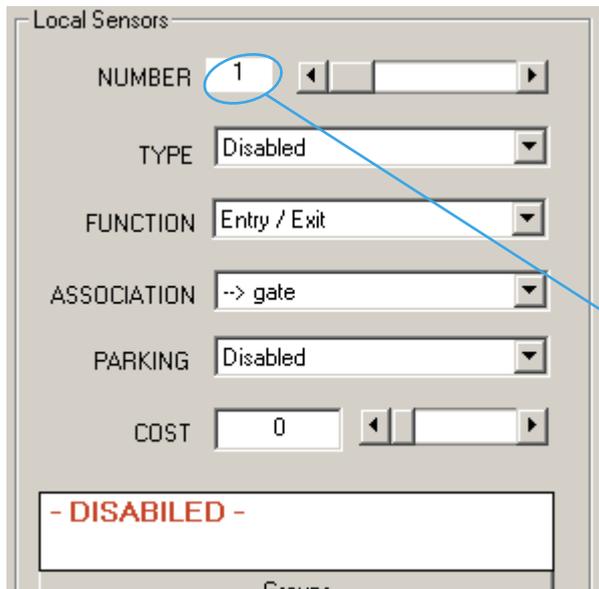
Caution! At the end of every group of operations, you must **update** to make the changes effective

to adjourn

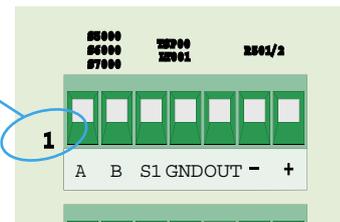
OK



Configuring the control sensors connected to RBM84



In the Local Sensors *area of the RBM84 board you must configure the type, function and associations of each command device connected to RBM84. The sensor number corresponds exactly to the sensor connected to the terminal board labelled with the same number; see figure*

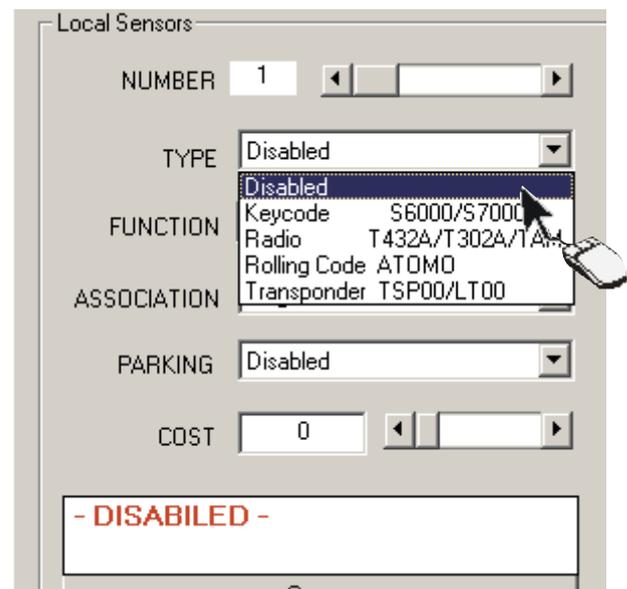


Cap 2

Sensor type

In the Type pull-down menu, **select the type of sensor connected:**

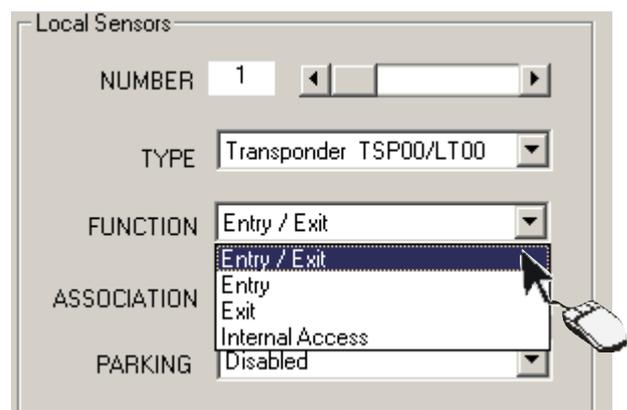
- S5000/S6000/S7000 keypad
 - remote controls series, TAM or ATOMO
 - transponder TSP00/LT001
- and confirm with [OK]



Sensor function

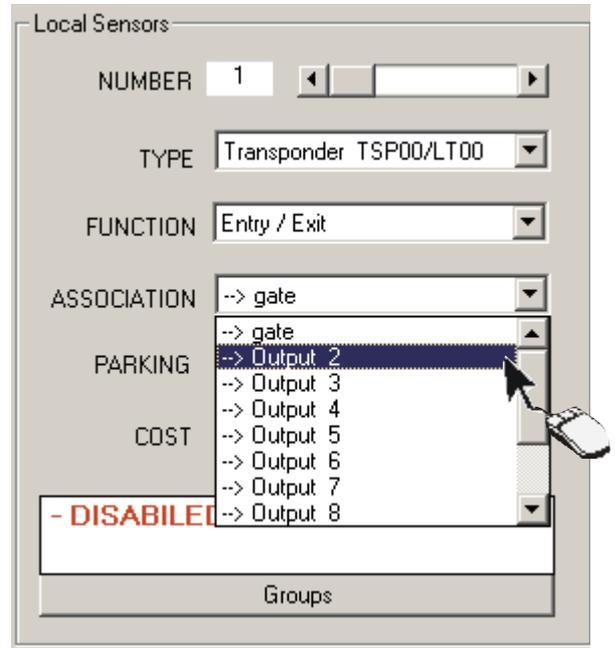
In the Function pull-down menu, **select the function of the connected sensor:**

- entry and exit
 - entry only
 - exit only
 - internal access
- and confirm with [OK]



Associating the sensor to an exit

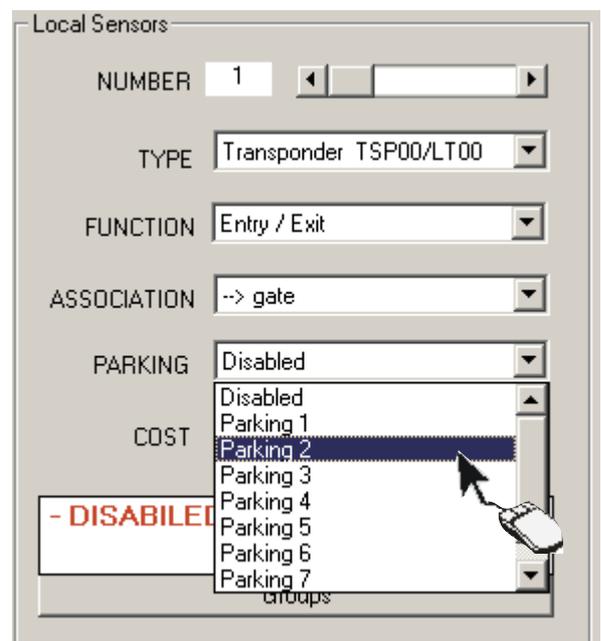
In the Association pull-down menu, **select the association of the device with one of the connected exits and confirm with [OK]**



Cap 2

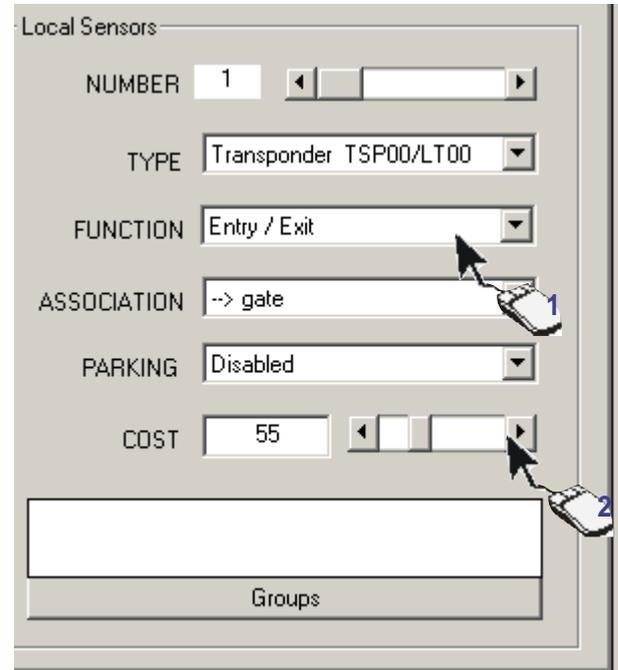
Associating the sensor to a traffic-light control

In the Car-park pull-down menu, **select which car park must be associated and confirm with [OK]**



Cost Function (differentiated output)

- 1- To use the cost function, set the sensor as **internal passage**.
- 2- Set the value associated to the sensor,



Local Sensors

NUMBER 1

TYPE Transponder TSP00/LT00

FUNCTION Entry / Exit

ASSOCIATION --> gate

PARKING Disabled

COST 55

Groups

Cap 2

To work correctly, the user must have an IN status, either by entering the system or by changing the status manually. (See Section 4, page 18)

Caution! at the end of every group of operations, you must **update to make the changes effective**

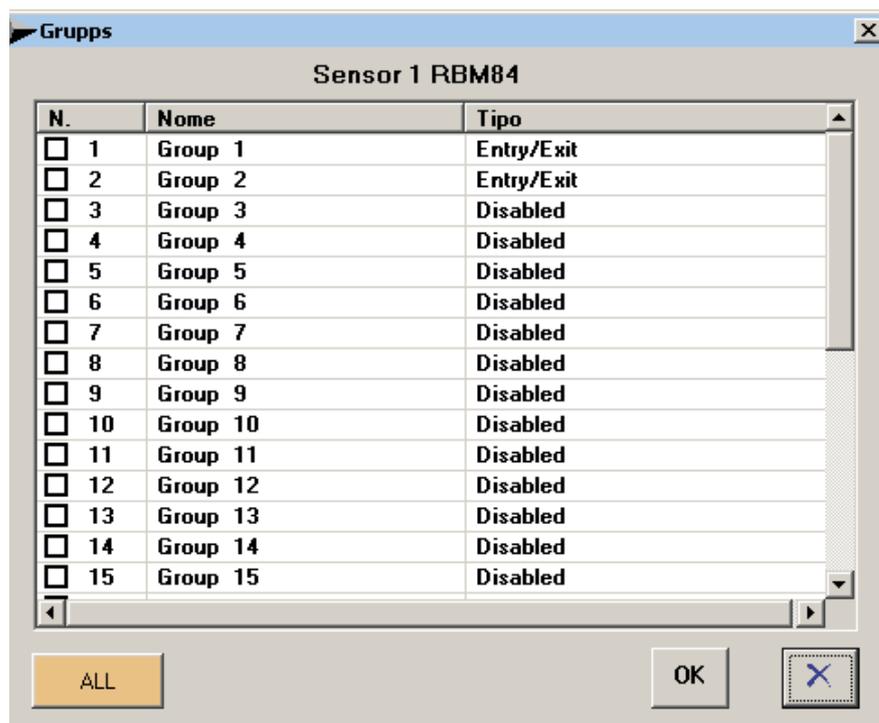
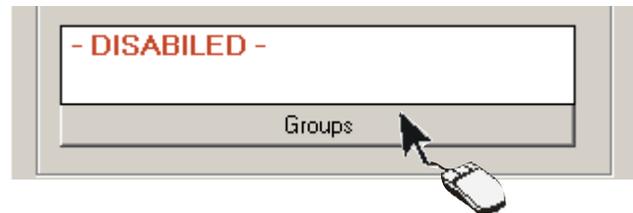
to adjourn

OK



Associating the sensor to a user group

Click on the [GROUP] button...



Cap 2

... and, in the GROUPS window, tick the user group to be associated with the device; confirm with [OK]

This procedure is not optional and at least one group must be assigned; the [ALL] button associates or disassociates all of the device's user groups.

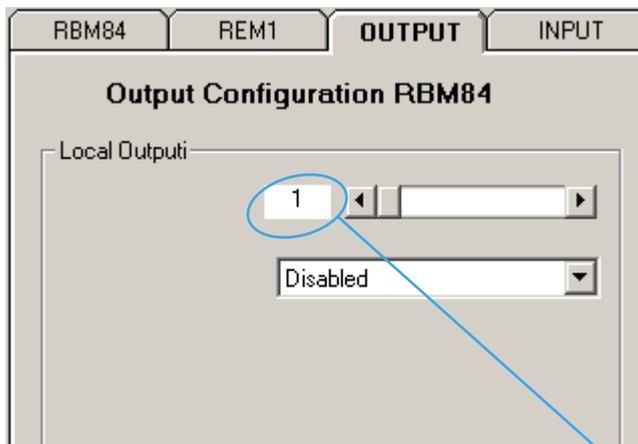
The numbers appearing in BLUE are the enabled groups while those in RED are the disabled ones.



Caution! at the end of every group of operations, you must **update** to make the changes effective

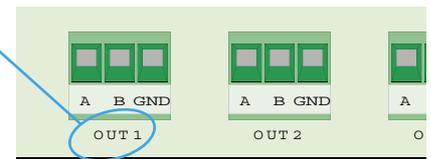


Configuring the outputs connected to RBM84



In the OUTPUTS board, the outputs connected to RBM84 must be programmed with the function type and any activation time of the related relays; If there are no automations connected, select or leave “Disabled” as suggested in the menu. The output number corresponds exactly to the number labelled on the device connected to the terminal board; see figure

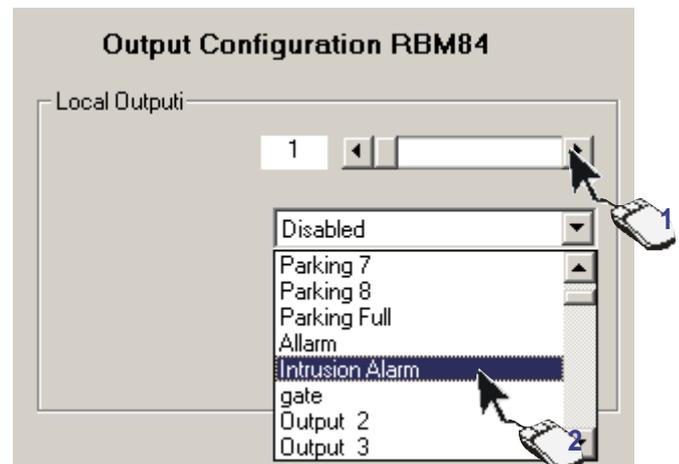
Cap 2



Activating the RBM84 outputs

Select the output (1-8) and match it to one of the names/devices appearing in the pull-down menu

- 1- Select the output (1-8)
- 2- And match it to one of the names/devices appearing in the pull-down menu



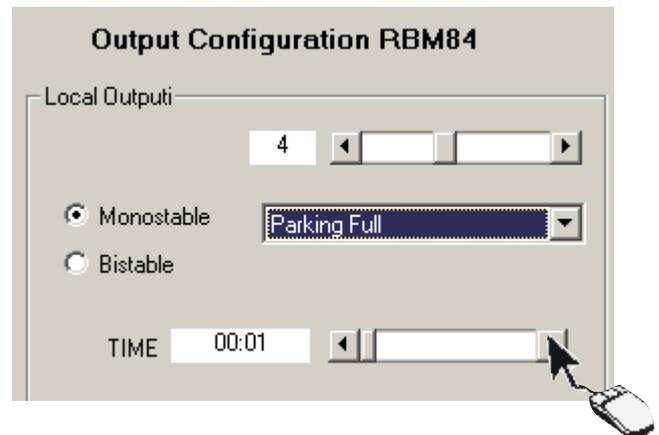
In the pull-down menu of the Local Outputs area **there appear (by default) the traffic light exits** and the normal **exits**

as defined in Assign Exit Name

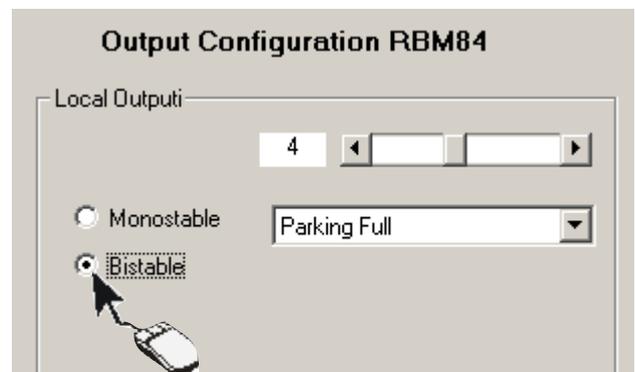
The exit device matching is independent of the physical connection of the latter on RBM84 or REM;

Relay function

The monostable function *is proposed as default, therefore we may select the relay activation time by clicking on the scroll-down bar, which can vary between 1 second and 10 minutes.*



If, instead, the bistable function *is required, click on the related box*



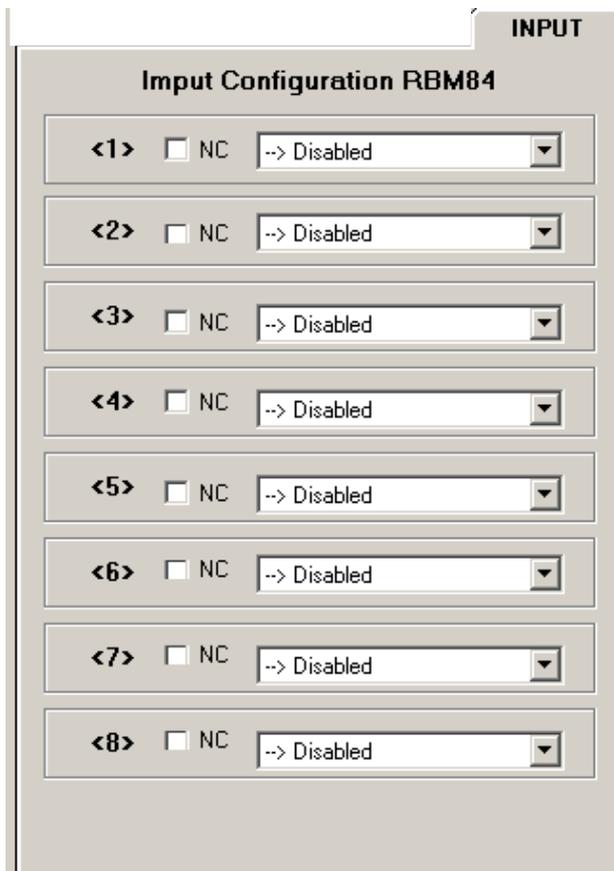
Caution! at the end of every group of operations, you must **update to make the changes effective**

to adjourn

OK



Configure the digital entrances connected to RBM84



All the supplementary command and control devices must be programmed in the configuration dialog of the digital Entrances (INGR), (for instance safety buttons, sensitive footboards, alarms etc.) that will be connected to RBM84 and act on any of the RBM84 and REM outputs

N.B. There are also functions other than the normal outputs

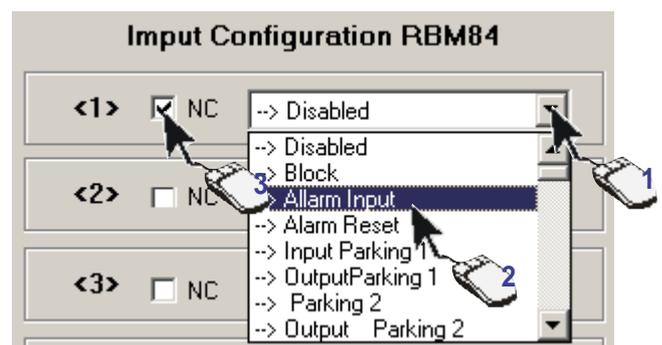
- Block
- Entry alarm
- Reset alarm
- Car-park entry
- Car-park exit.

Cap 2

Associate the digital devices to the exits

For each entrance, select an output which this digital device will act on; the related box must also be ticked if the contact of the device is **NC** type (normally closed)

- 1- Select the entrance to set
- 2- For each entrance, assign an output or device which this digital apparatus will act on.
- 3- Tick the related box if the device is NC type (normally closed)



The digital entrance/exit association is independent of the physical position of the exit on RBM84 or REM;

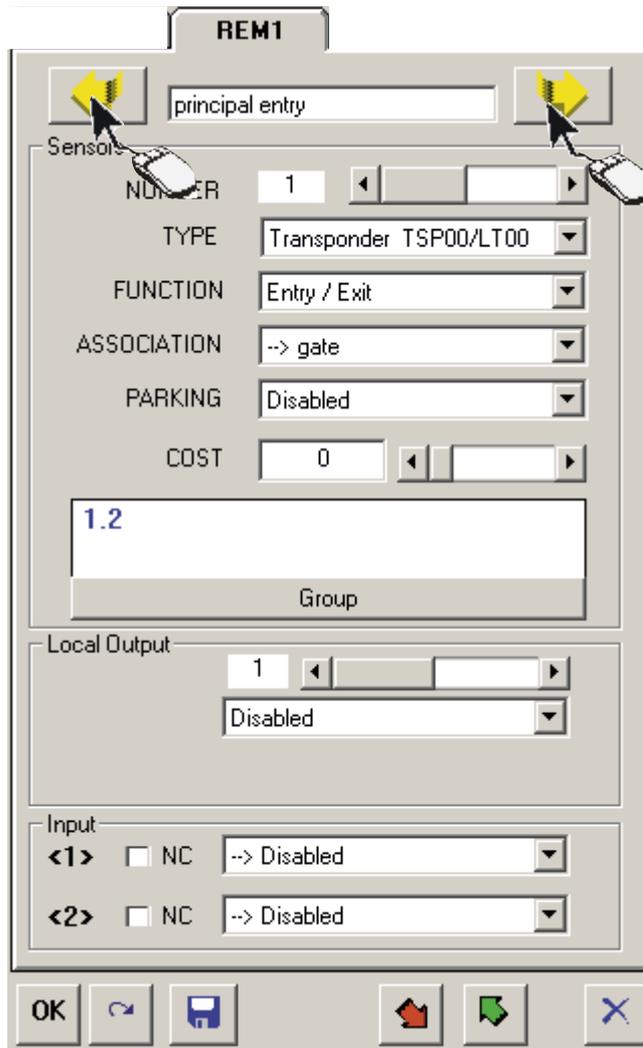
Caution! at the end of every group of operations, you must **update to make the changes effective**

to adjourn

OK



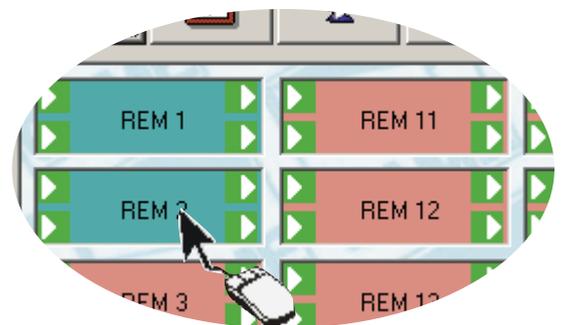
Configuring the REMs



In the same way as with RBM84, the REMs configuration dialog must be used to program all the control devices, the exits and digital inputs connected to them; to move from one REM to the other, simply click on the yellow arrow or on the related icon in the system display window

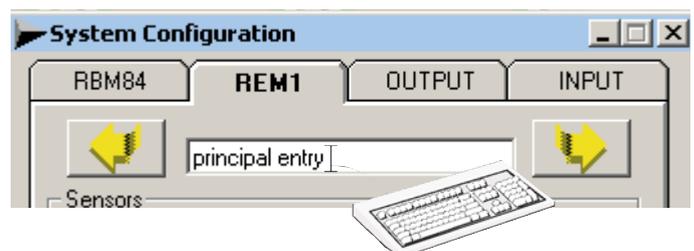
Cap 2

A feature of the system display window is that if the REMs are green they are communicating, whereas if they are red they are not

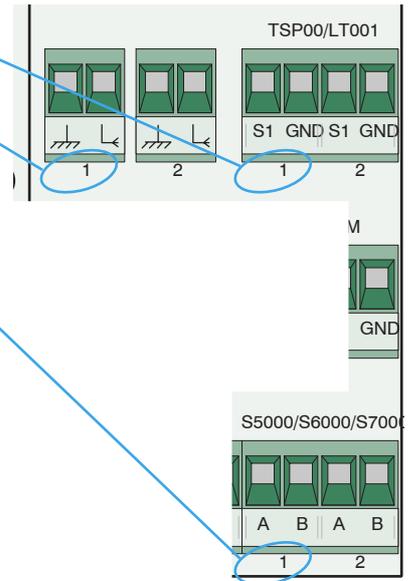
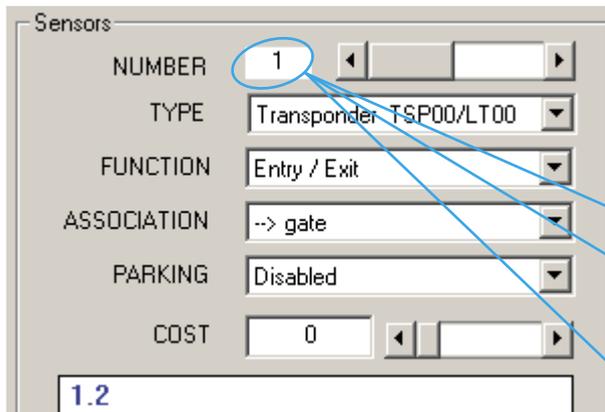


Assign a name to the REMs

The name typed here has only a recognition function and does not interact with the software.



Configure the control sensors connected to the REMs



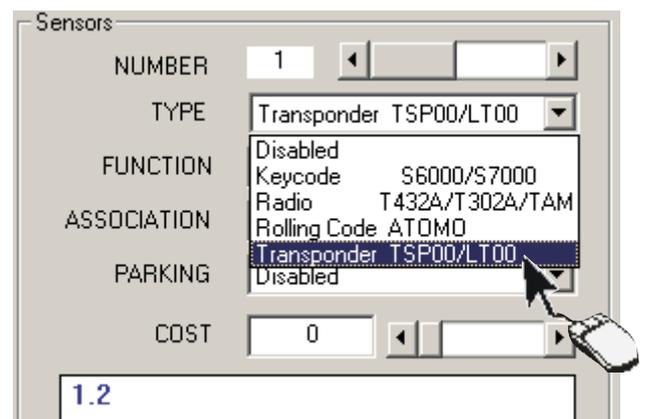
Cap 2

In the Sensors area of the REM board *n*, the type, function and associations of both the control devices connected to the REM must be configured. The sensor number corresponds exactly to the sensor connected to the terminal board labelled with the same number; see figure

Sensor type (REM)

In the Type **pull-down menu**, select the **type of sensor connected**:

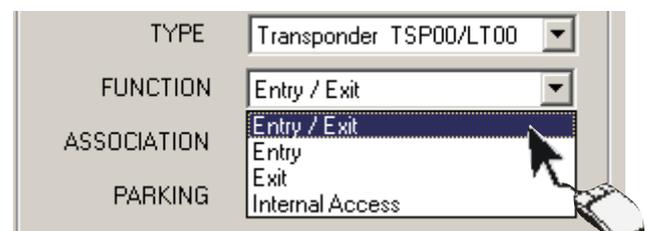
- S5000/S6000/S7000 keypad
- remote controls of the TAM or ATOMO series
- TSP00/LT001 transponder and confirm with [OK]



Function of the sensor (REM)

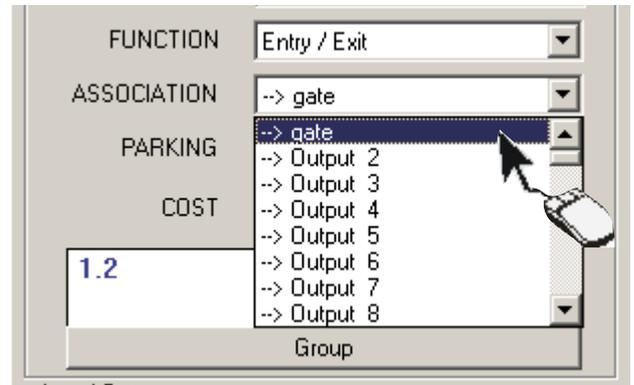
In the **Function** pull-down menu, select the function of the connected sensor:

- entry and exit
 - entry only
 - exit only
 - internal access
- and confirm with [OK]



Associating the sensor to an exit (REM)

In the Association pull-down *menu*, **select the device association with one of the connected exits and confirm with [OK]**



Cap 2

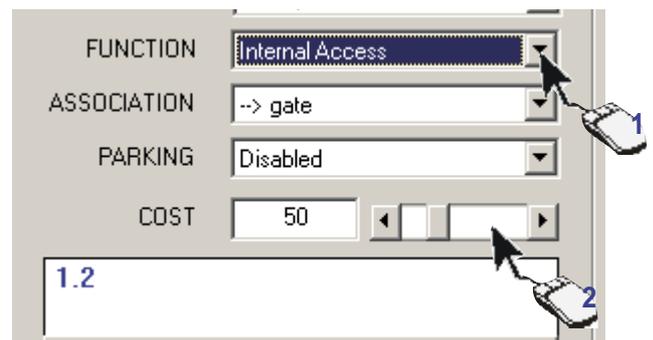
Association of the sensor to a traffic-light control (REM)

In the *Car-park* pull-down menu, select the association with a Traffic light



##Cost/Tariff Function (differentiated output) (REM)

- 1- To use the cost function, set the sensor as **internal passage**.
- 2- Set the value associated to the sensor,



To function correctly, the user must be with the current status set at IN, i.e. by making an access into the system or changing the status manually. (See Section 4, page 18)

Caution! at the end of every group of operations, you must **update to make the changes effective**

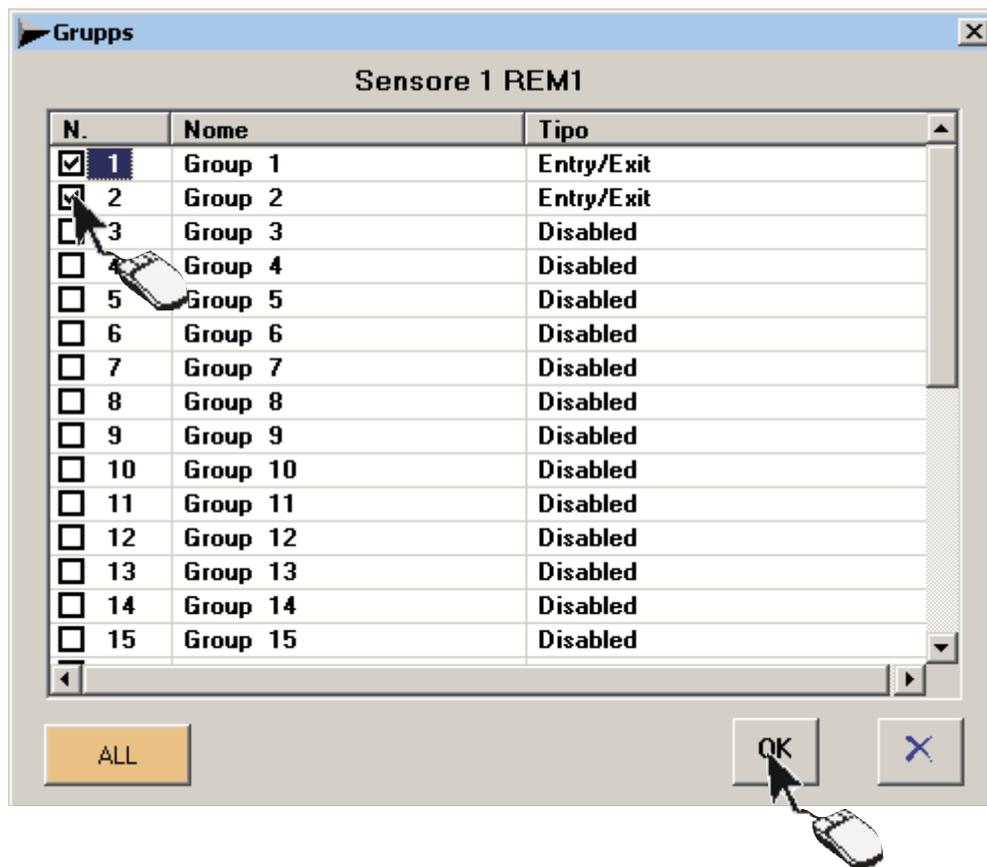
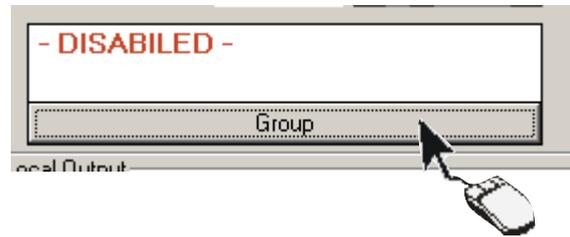
to adjourn

OK



Associating the sensor to a user group (REM)

Click on the [GROUP] button...



... and, in the GROUPS window, tick the user group to associate the device with; then confirm with [OK]

This procedure is not optional and you must assign at least one group; the [ALL] button associates or dissociates all the user groups from the device.

The numbers that appear written in BLUE are the groups enabled, whereas those written in RED are the disabled ones

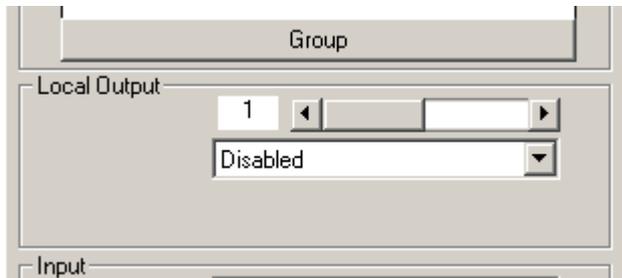


Caution! at the end of every group of operations, you must **update** to make the changes effective

to adjourn



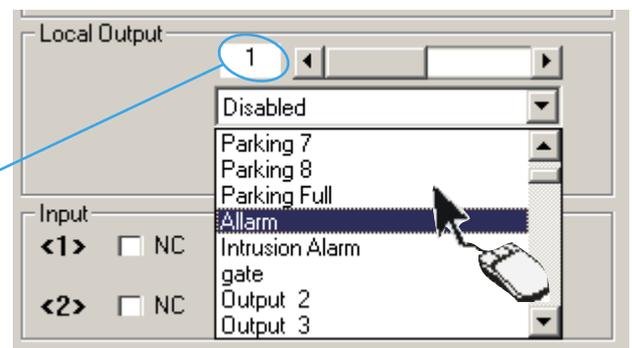
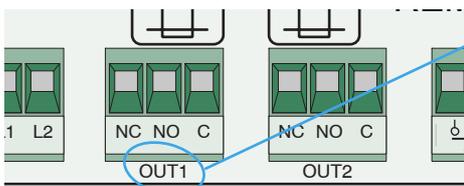
Configuring the REM outputs



In the Local Outputs area of the REM board, for both the outputs the function type must be programmed along with any interval of relay activation; If there are no automations connected, select or leave "Disabled" as supported by the menu.

Activating the REM outputs

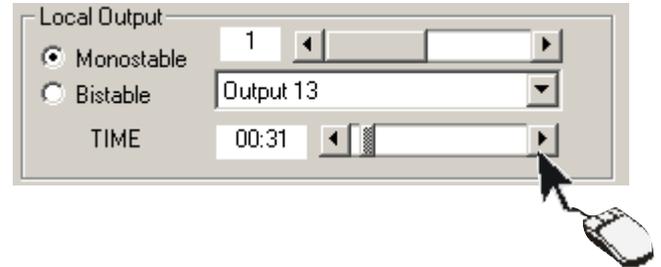
Select the output and associate it to one of the names/devices appearing in the pull-down menu



In the pull-down menu of the Local Outputs area , **appear as default the eight traffic light outputs** and the normal outputs defined in **Assign Output Name** as well as an output called **Alarm** and one called **Intrusion alarm**;
The exit device matching is independent of the physical connection of the latter on RBM84 or REM.
The output number corresponds exactly to the device connected to the terminal board labelled with the same number; see figure

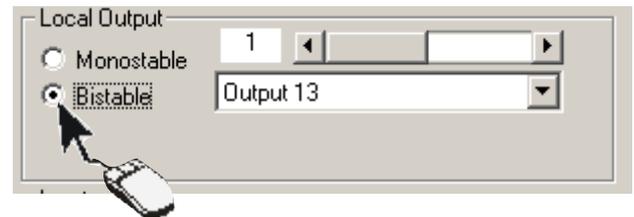
Relay function

The monostable function is **default so we can select the relay activation time by clicking on the scroll-down bar**



Cap 2

If instead you want the bistable function , click on the related box



The traffic-light controlled exits are bistable only

Caution! at the end of every group of operations, you must **update to make the changes effective**



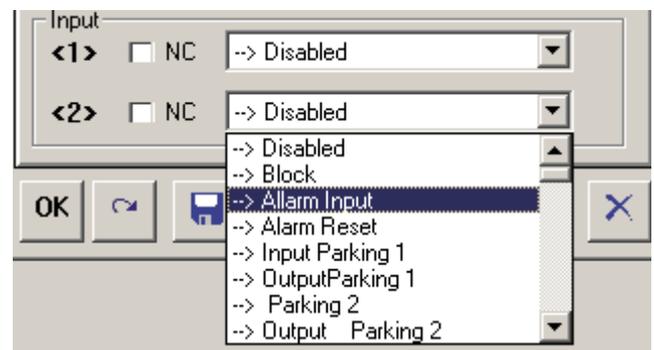
Configuring the digital entrances of the REMs



In the inputs area of the REM n board you must program the supplementary command and control devices (e.g. safety buttons, sensitive footboards, alarms etc.) that will be connected to the REM and act on any one of the RBM84 and REM outputs.

Assign the digital devices to an output (REM)

For each entrance, select an output that this supplementary digital device will act on; also the related box must be ticked if the device is type **NC** (normally closed)



In the pull-down menu, there appear, in addition to the normal exits defined in **Assign Exit Name**, **exits/functions** defined as "**Block**", "**Entry Alarm**", "**Reset Alarm**" and "**Entry**" + "**Exit**" for each traffic-light control;
The digital input/output association is independent of the physical position of the latter on RBM84 or REM;

Caution! at the end of every group of operations, you must **update to make the changes effective**

to adjourn



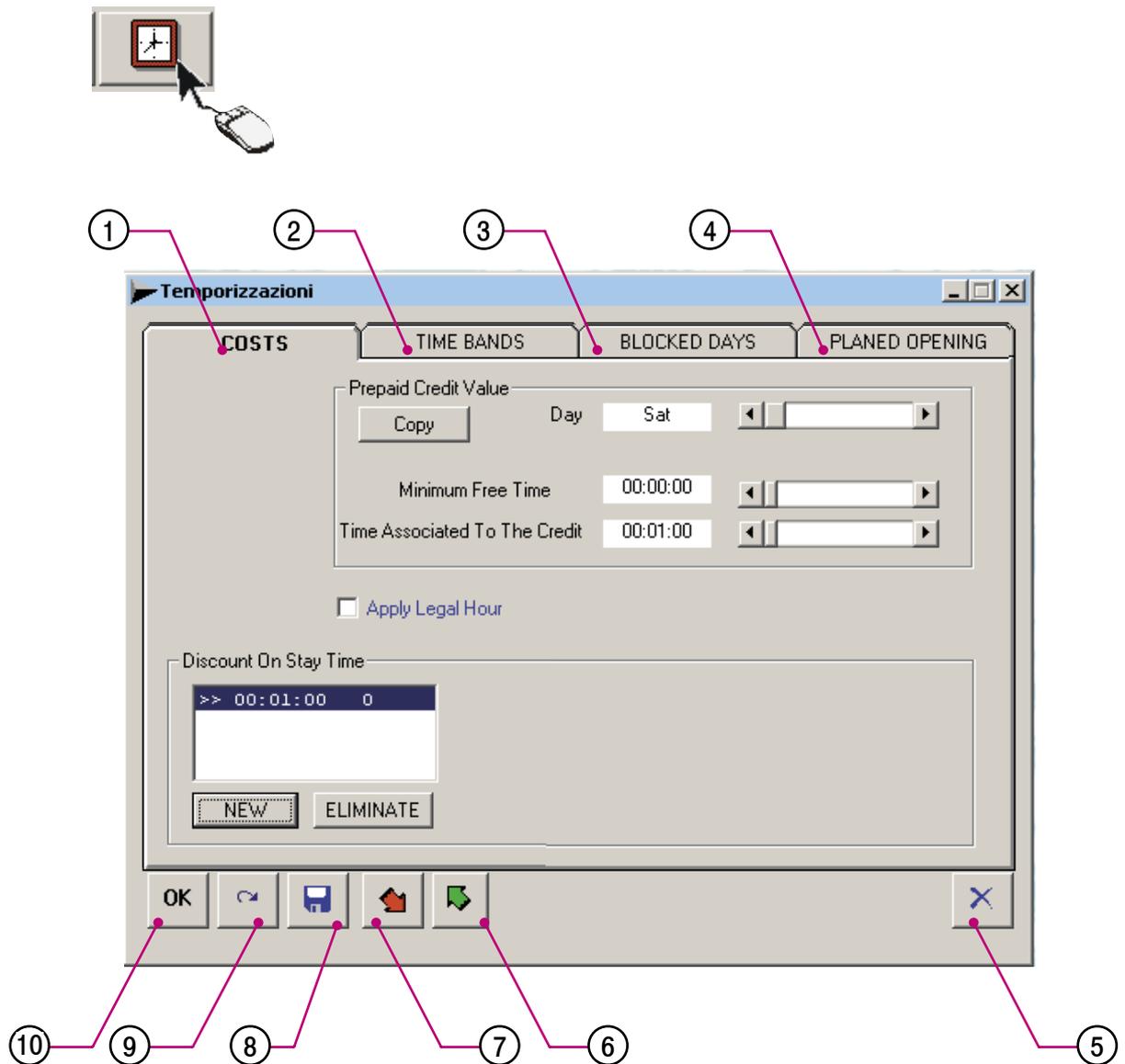
S E C T I O N 3

RBM84 - SOFTWARE CONFIGURATION TIMINGS

CONTENTS

<i>SUBJECT</i>	<i>PAGE</i>
Timings configuration window	2
Tariffs configuration dialog	3
Prepaid Values	3
Discount levels	4
Configuration dialog-User Time Bands	5
Configuration dialog-Blocked Days	6
Configuration dialogPlanned Openings and Antipassback	7
Configuration dialog-PlannedOpenings	8

Configuration window of the system timings



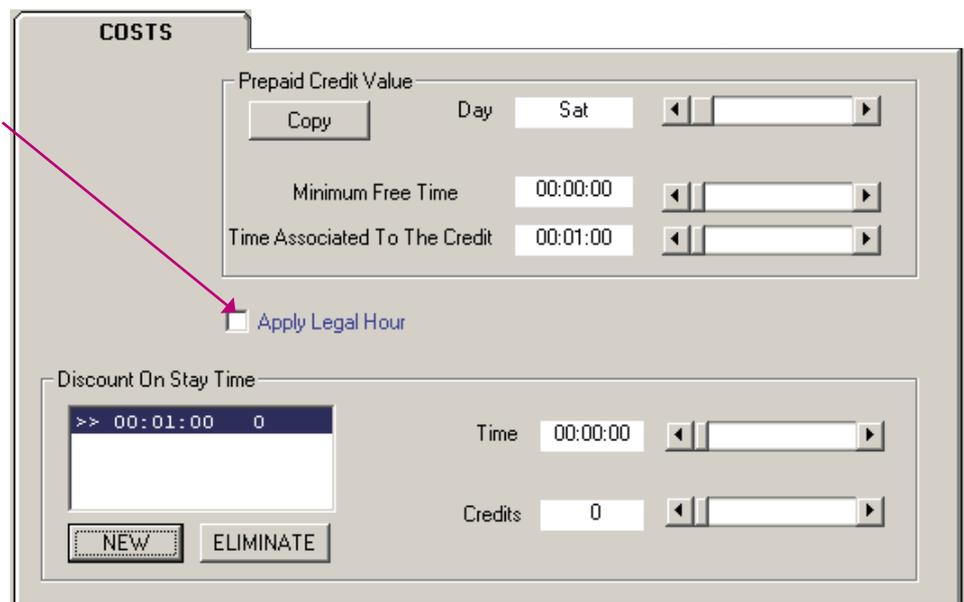
- 1 - Configuration dialog of tariffs, credits and discounts.
- 2 - Configuration dialog of time bands.
- 3 - Configuration dialog of blocked and free days.
- 4 - Configuration dialog of planned openings and timed antipassback.
- 5 - Close button
- 6 - Button for reading RBM84 timings
- 7 - Button for recording timings on RBM84
- 8 - Button for saving to PC hard disk.
- 9 - Button for cancelling changes
- 10- OK button (confirm changes)

Configuration dialog for tariffs

The TARIFFS dialog allows you to set the times for each credit and minimum time for free parking for every day of the week; 4 discount levels can be defined.

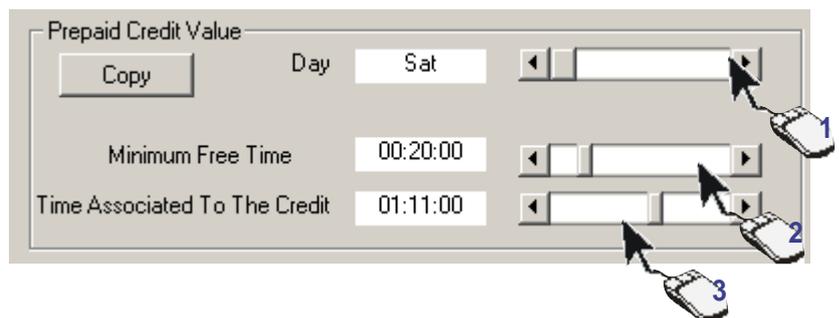
Note The **credits** are only one unit of measurement that is the multiplier of each currency type (Euro, Sterling, US Dollar etc.) for calculating the related value..

By selecting the Daylight Saving Time function, the RBM84 board updates itself automatically.



Prepaid values

- 1- Use the dedicated scroll bars to select the **Day**
- 2- Use the dedicated scroll bars to set the **Minimum Free Time** (max 2 hours)
- 3- Use the scroll bars to set the **Time Associated to the Credit** (max 2 hours)



the [COPY] button copies the settings for every day of the week;
 The **Minimum Free Time** is optional;
 the value as default of the **Time Associated to the Credit** is 1 minute (it is also the minimum).

Caution! at the end of every group of operations, you must **update to make the changes effective**

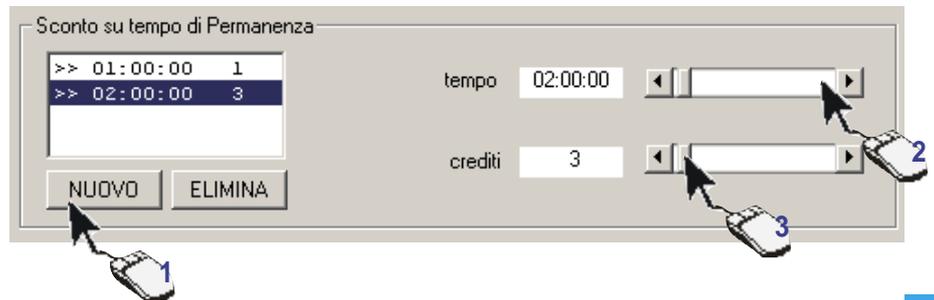
to adjourn

OK



Discount levels

- 1- click on the NEW key
- 2- set the time interval
- 3- set the credits to be discounted



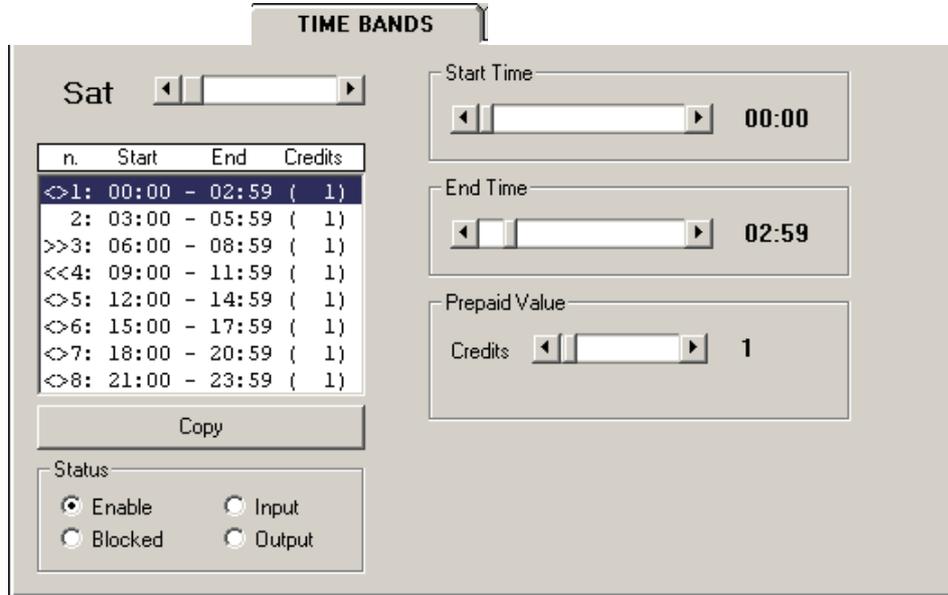
set up to 4 discount levels, priced according to time and credits

In this illustration, 2 discount levels have been set; after the first hour, the user has the right to 1 discount credit; after the second hour, 3 discount credits. At any time, the discounts may be cancelled with the [CANCEL] button

Caution! at the end of every group of operations, you must **update to make the changes effective**



Configuration dialog of user time bands



n.	Start	End	Credits
<>1:	00:00	02:59	{ 1 }
2:	03:00	05:59	{ 1 }
>>3:	06:00	08:59	{ 1 }
<<4:	09:00	11:59	{ 1 }
<>5:	12:00	14:59	{ 1 }
<>6:	15:00	17:59	{ 1 }
<>7:	18:00	20:59	{ 1 }
<>8:	21:00	23:59	{ 1 }

In the TIME BANDS dialog, up to 8 time bands may be set for every day of the week with the relative prepaid value.

Note The default settings are: number of bands = 8; range of bands = 3 hours; prepaid value = 1 credit..

1- Select the day to set.

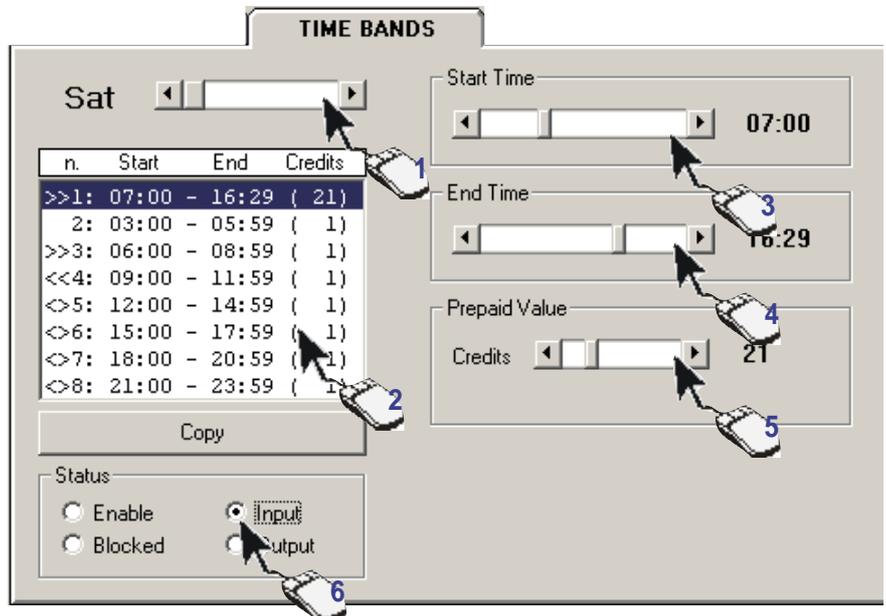
2- Select the time band to change.

3- Set the time for the band to start from

4- Set the time for the band to end at

5- Assign a value to the band..

6- Select the band status:
 ENABLED: both entry and exit are permitted;
 ENTRY: entry only is permitted
 BLOCKED: neither access nor exit are permitted;
 EXIT: exit only is permitted.



the [COPY] button copies the settings for every day of the week;

Note:The bands not used must be neutralised by selecting 'blocked'.

Caution! at the end of every group of operations, you must update to make the changes effective

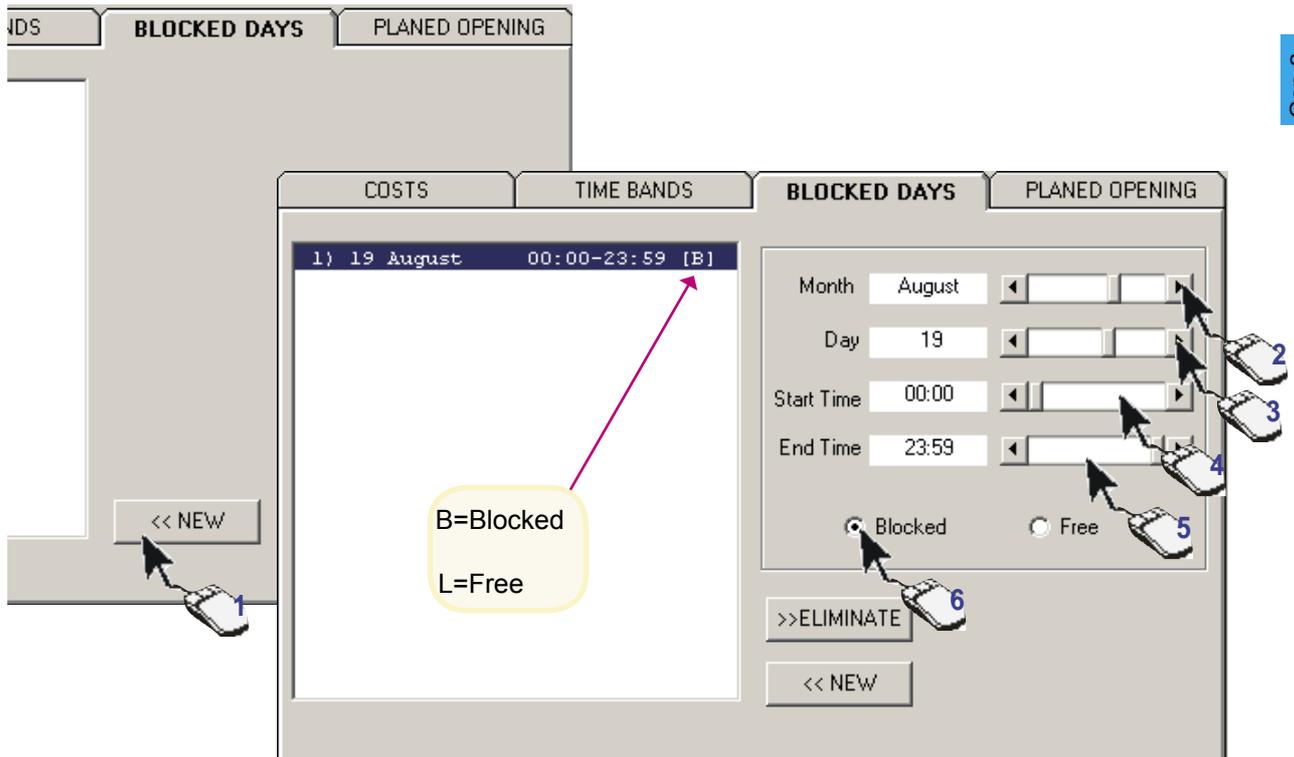
to adjourn

OK



Configuration dialog of Blocked and Free Days

In the BLOCKED DAYS dialog, you can set blocked or closed days (max. 60) as well as part days for any day of the year.
The Blocked Days may be cancelled using the [CANCEL] button or temporarily freed by selecting **Clear**: the latter option allows unrestricted access and Credits subtracted from the users.



- 1- Click on the NEW key
- 2- Select the month of the day to block
- 3- Select the day to block (the day on which access is not emitted)
- 4- Set the time for the block to start at
- 5- Set the time for the block to end
- 6- Select whether to **BLOCK** or **FREE** access

N.B. On BLOCKED days, whoever is inside the car park can still leave.

N.B. On FREE days, the enabled card holders enter free of charge even if the bands are blocked.

Attenzione! alla fine di ogni gruppo di operazioni bisogna **aggiornare**, per rendere operative le modifiche

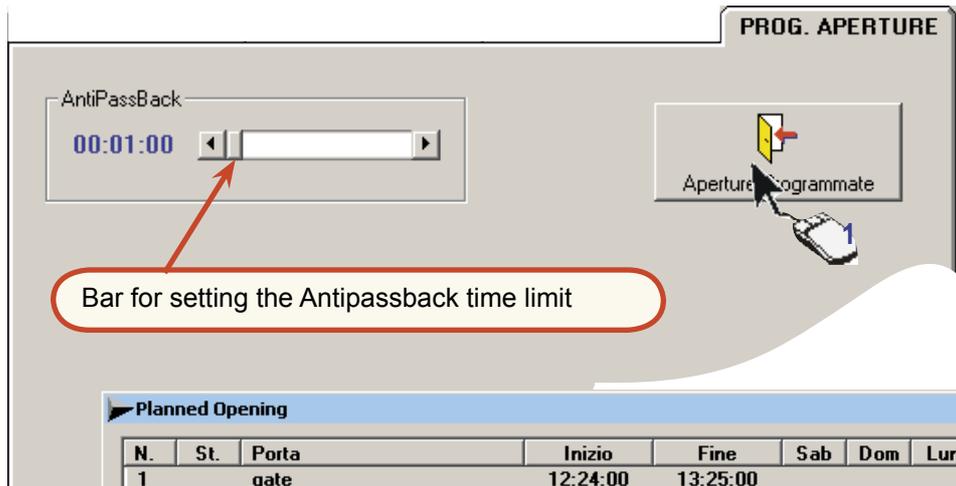
Aggiornare

OK



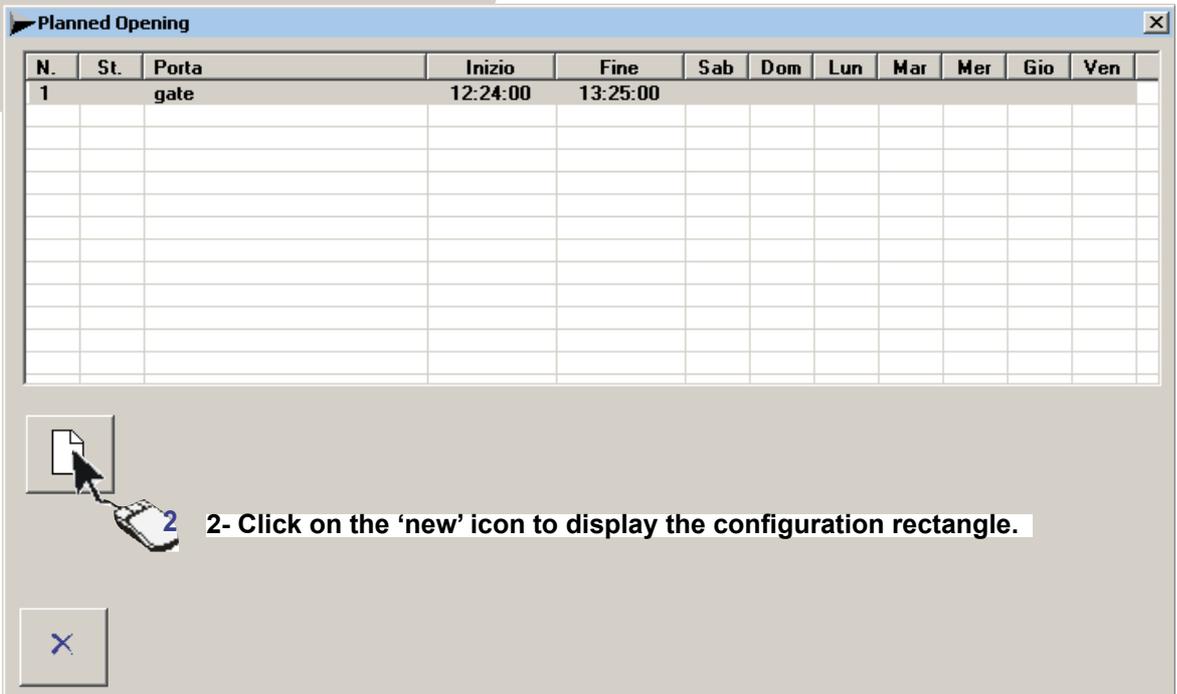
Configuration dialog of Planned Openings and Antipassback

The planned openings, for instance at a production unit where staff mostly enter and leave in two waves per working day, allow an exit to be set for once or twice during the day, after which the system reverts to its planned access functions.



1- Clicking on the **PLANNED OPENINGS** icon activates the configuration window

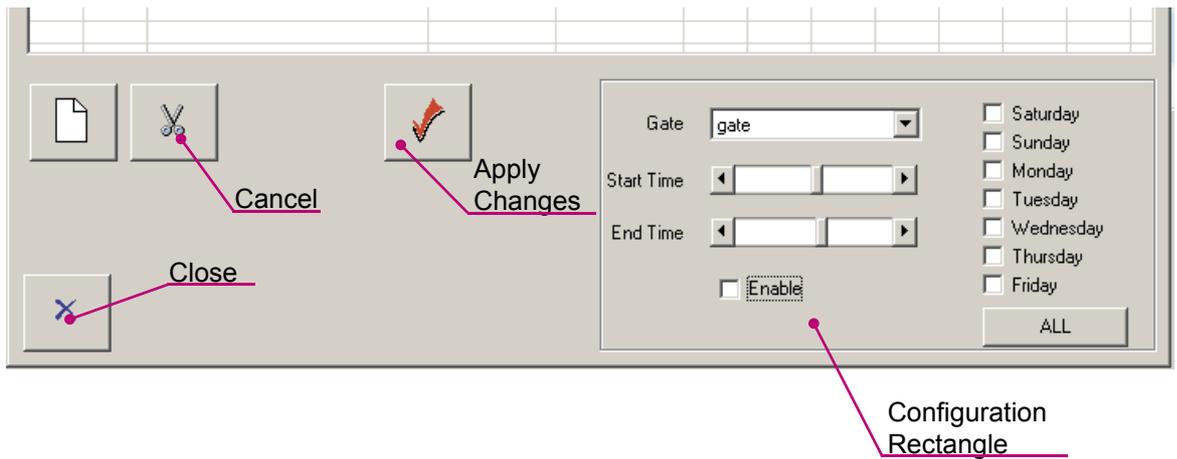
Bar for setting the Antipassback time limit



2- Click on the 'new' icon to display the configuration rectangle.

N.	St.	Porta	Inizio	Fine	Sab	Dom	Lun	Mar	Mer	Gio	Ven
1		gate	12:24:00	13:25:00							

Cap 3



Cancel

Apply Changes

Close

Configuration Rectangle

Gate: gate

Start Time: [] []

End Time: [] []

Enable

Saturday
 Sunday
 Monday
 Tuesday
 Wednesday
 Thursday
 Friday

ALL

Configuration dialog of the Planned Openings



3- Select the entrance to activate.



4- Set the opening time

5- Set the closing time



6- Select the days for it to open on

7- To ensure intervention takes place, this must be **enabled**.

To have a setting applied to every day, simply click on 'All'.
Next click on **Apply Changes** to update the new settings..

Attenzione! alla fine di ogni gruppo di operazioni bisogna **aggiornare**, per rendere operative le modifiche

Aggiornare

OK



S E C T I O N 4

RBM84 - SOFTWARE

CONFIGURATION USERS

CONTENTS

<i>subject</i>	<i>page</i>
General notes	2
Users' configuration window	3
Registering a new user	4
Saving the user code	6
Configurating ACCESS mode	9
Normal access procedure	10
Prepaid access procedure.....	11
Prepaid time-limit access procedure	13
Access validity	14
Adding a given number of Users	15
Users' status check	18

General notes

During User-Configuration operations, we recommend you frequently save the selections made as this will speed up the whole programming process (avoiding frequent checks and re-programming) and make it safer.

You can use

the  [UPDATE] button,

the  [SAVE USERS] button

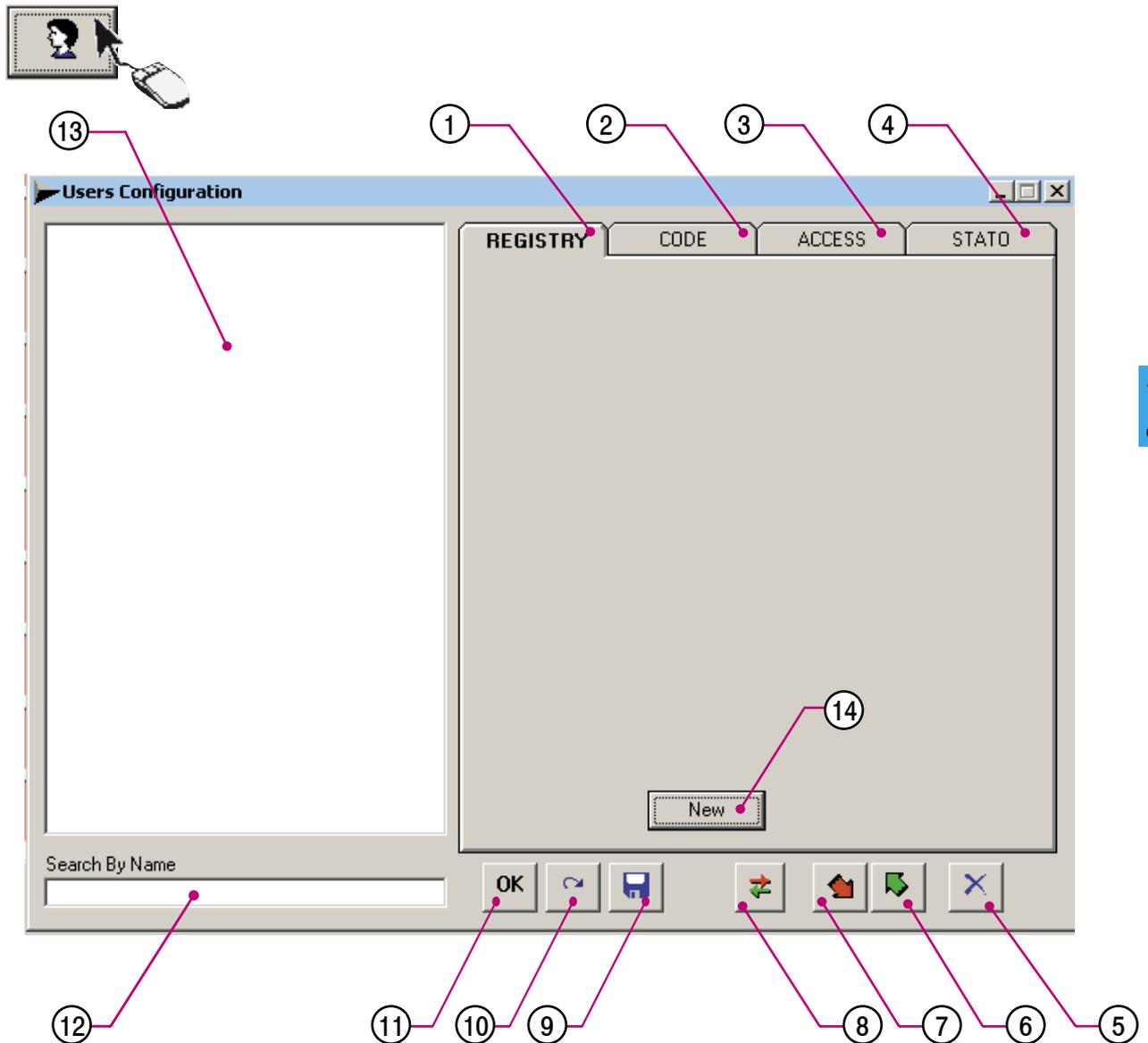
and the  graphic button [WRITE USER IN RBM84]

, which must be pressed in the order described.

In the following pages we will indicate at which points it is critical to save data, with the following symbol:



Users' configuration window

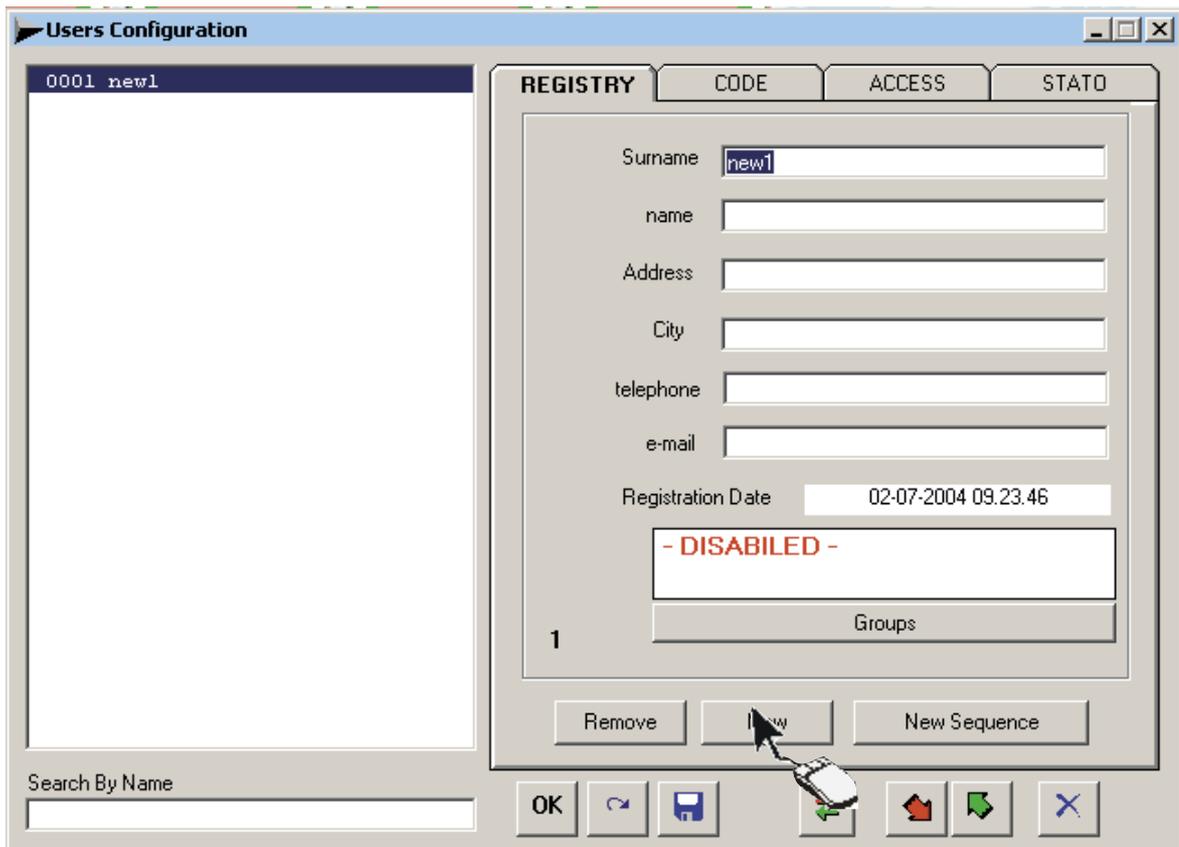


- 1 - Record dialog of the users' personal data
- 2 - Dialog for saving user codes
- 3 - Configuration dialog of access procedures for each user (times, tariffs, restrictions etc.)
- 4 - Dialog for each user's current situation
- 5 - Close button
- 6 - Read user from RBM84 button
- 7 - Write user to RBM84 button
- 8 - APB re-synchronisation button
- 9 - Save (on computer hard drive) button
- 10 - Cancel button
- 11 - OK (apply changes made) button
- 12 - Field for searching User Name
- 13 - User list window
- 14 - Create new user key (the 4 dialogs are empty without at least one registered user).

Registering a NEW USER

In the REGISTER dialog, the user's personal data such as name, addresses and group may be recorded.

The [NEW SEQUENCE] key is used to generate "x" number of users having the same settings (or command device: Keyboard, Remote Control or Card) as those of the last user generated

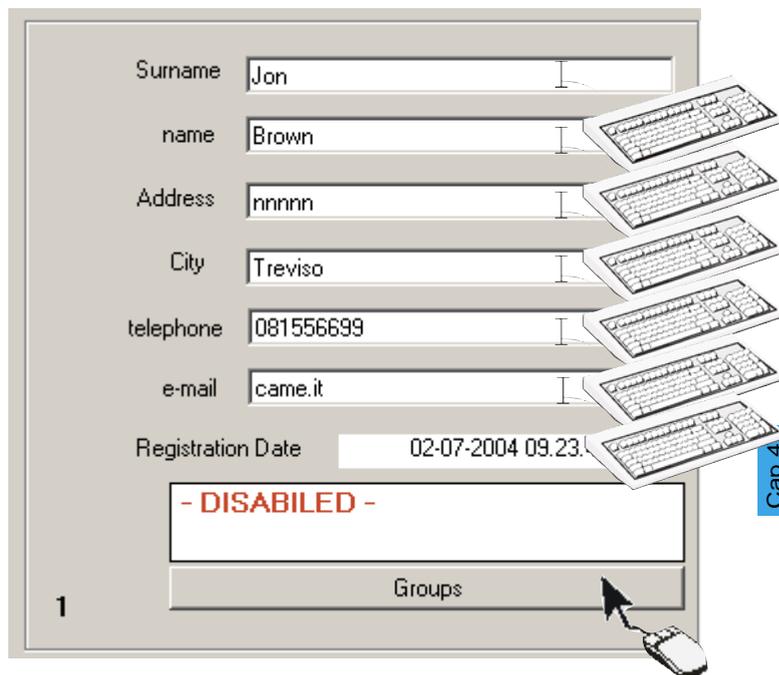


Click on [NEW] and the fields for adding personal data etc. will appear

Registering a NEW USER

... key in the data required

The registration date appears automatically while all other data are optional

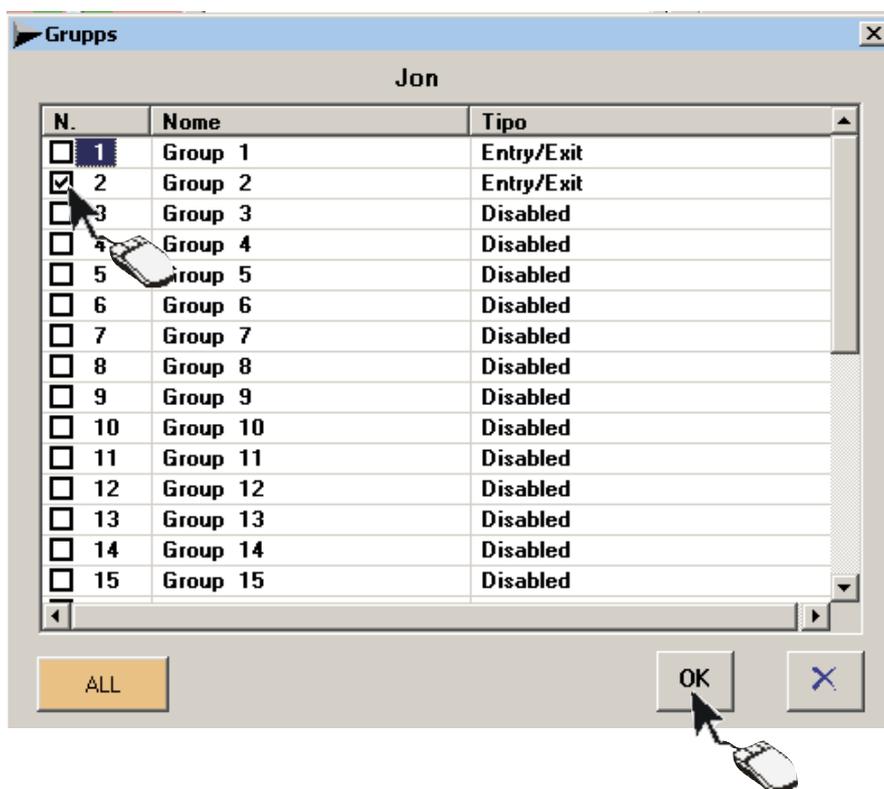


Cap 4

... click on [GROUP] key ...

... select the group you want to associate the user to; then click [OK]

The [ALL] button associates or disassociates the user to/from all the groups. The default selection is no association

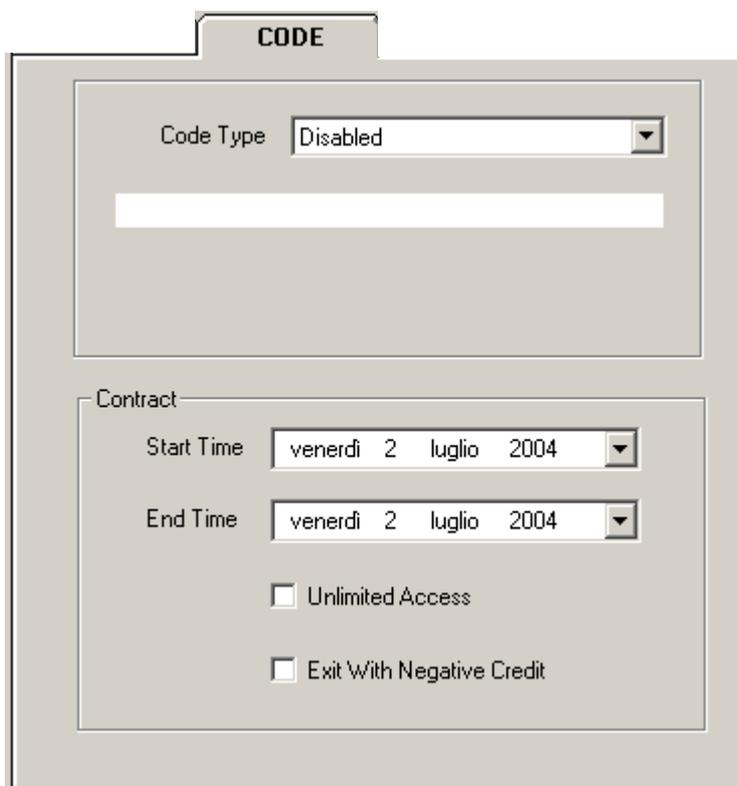


N.	Nome	Tipo
<input type="checkbox"/>	1 Group 1	Entry/Exit
<input checked="" type="checkbox"/>	2 Group 2	Entry/Exit
<input type="checkbox"/>	3 Group 3	Disabled
<input type="checkbox"/>	4 Group 4	Disabled
<input type="checkbox"/>	5 Group 5	Disabled
<input type="checkbox"/>	6 Group 6	Disabled
<input type="checkbox"/>	7 Group 7	Disabled
<input type="checkbox"/>	8 Group 8	Disabled
<input type="checkbox"/>	9 Group 9	Disabled
<input type="checkbox"/>	10 Group 10	Disabled
<input type="checkbox"/>	11 Group 11	Disabled
<input type="checkbox"/>	12 Group 12	Disabled
<input type="checkbox"/>	13 Group 13	Disabled
<input type="checkbox"/>	14 Group 14	Disabled
<input type="checkbox"/>	15 Group 15	Disabled

It is compulsory to assign users to at least one **User Group**. It is essential, though, in systems where there are several entrances used for different user categories. A typical example is a company having entrances designated specifically to its offices, production units, suppliers, etc. and where some users (e.g. surveillance or maintenance personnel) must be allowed access through all of the entrances.

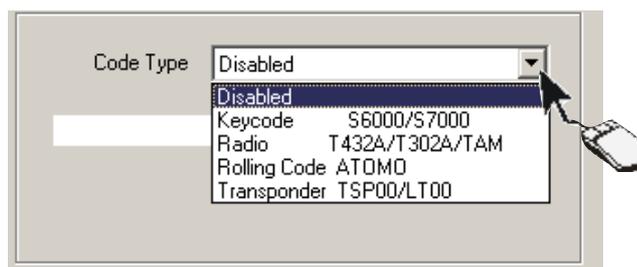
Saving the USER CODE

The user code must be saved in the CODE dialog using a PC30 (or also directly from the software for the keyboards).

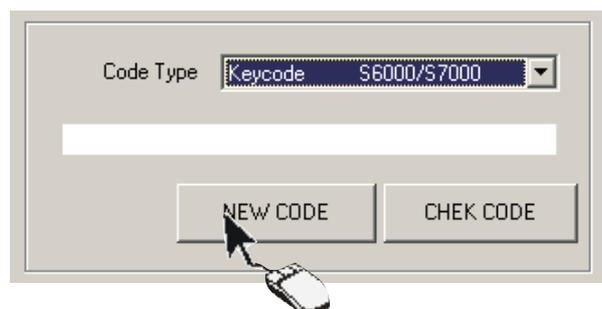


Cap 4

In the Code Type pull-down *menu*,
**select the command device you want to
save the code of ...**



... **click on the [NEW CODE] key...**



The **CHECK CODE] key** is used to check whether a code saved or for reading the code of a given device

Saving the USER CODE

... and then, within 10 seconds,



A- for the TAM and ATOMO remote controls, press the key to save, sending the signal to the dedicated area on the front panel of PC30, or

B - for TSP00, move the proximity Card you want to save to the dedicated area on the front panel of PC30, or



Cap 4



C- for LT001, swipe the Card to save along the dedicated groove on the front panel of PC30.

For the S5000, S6000 and S7000 keyboards however, we are prompted to indicate if we want to use PC30 to save the code; if not, saving must be made by the software (see next page)



... by pressing **[YES]**,

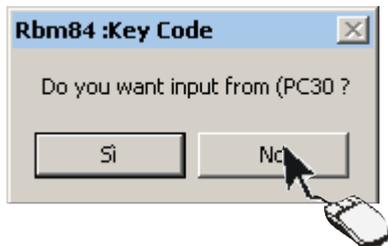
D- type the number code into the dedicated keypad on the front panel of PC30 and then type "E"



The code-saving functions described above (A- sending the signal, B- bringing the Card in proximity to the panel, C- swiping the Card or D- typing the code) must take place within the time it takes (10") for the graduated bar in the lower part of the main window to scroll



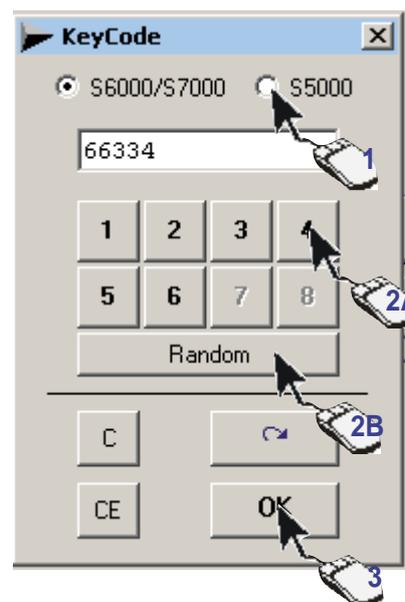
Saving the USER CODE



by pressing [NO], ...

... the KEYCODE window opens, which allows for an advanced management of the number code.

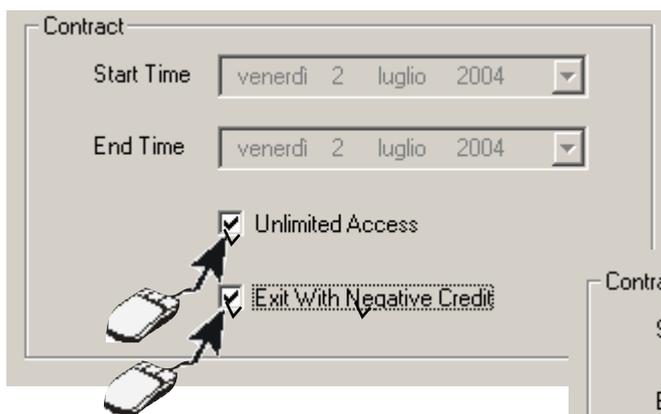
- 1- First, select the box relating to the keypad model to encode (change the code's digits)...
- 2A - Then type in the number code on the numbered keys
- 2B- or leave the software to generate a random code by clicking on [RANDOM]
- 3- When finished, confirm with [OK]



If there are several users, using the KEYCODE window to generate/save a keyboard code ensures there are no duplicate codes; once generated or typed, the code can be cancelled and changed - either wholly or partly - using the keys[C] or[CE]..

Cap 4

Access validity



To give unlimited access, i.e. access with no expiry date, tick the UNLIMITED ACCESS box; by selecting also 'Exit with Negative Credit', the user can leave even if s/he has prepaid. S/he will have a negative credit.

If, however, a start date and end date are set, the pass will carry a temporary validity.



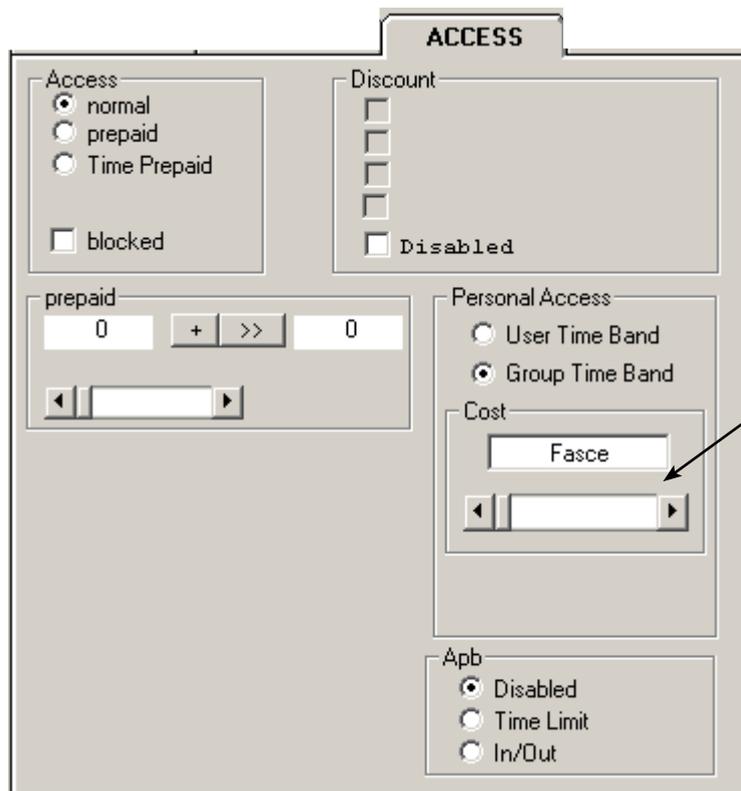
ACCESS procedure configurations

On the ACCESS sheet you can program different access procedures for each user with or without tariffs.

In particular the following can be set for users:

- access type
- discount
- prepaid amount
- access tariff and validity
- time-band access
- Antipassback type

The default settings are: Access **Type = NORMAL**; **Discount = NONE**; Prepaid = zero; **Personalised access = Band group**; Access Validity = **ALWAYS**; **Access Tariff = PREDEFINED**; Antipassback **Apb = DISABLED**.

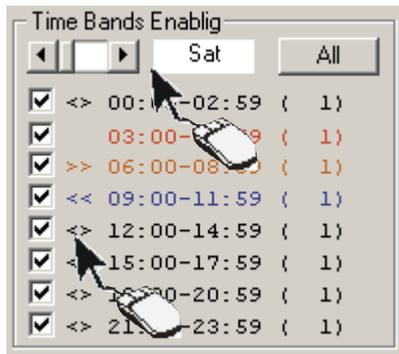


Setting the “bands” function will apply the tariff set for each time band. Otherwise the time band tariffs will be replaced by the number set on this section.

The default settings and, in particular the NORMAL access type, are basically the predefined settings for accesses in different paying car-park facilities where there is no need to increase access tariffs but instead request all remaining management functions (surveillance, access times, history print-out etc.)

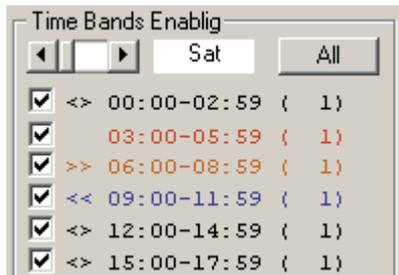
NORMAL access procedure

By leaving the default access as **NORMAL**, the Discount and **Prepaid** areas **are omitted**.



Select the required access bands, for every day of the week

The [ALL] button enables or disables all of the time bands. If the time band appears red, this means it is blocked (for all users) in Timings > Time Bands. A disabled time band hinders access; if the user is already inside, the subtracted credits (as set in the following pages) will be counted only for the PREPAID and PREPAID WITH TIME LIMIT procedures



The bands change colour according to the settings:

- <> Black= entry/exit function
- Red= Band Blocked
- << Blue= exit-only function
- >> Brown= entry-only function

for every day of the week

OK

to adjourn

Antipassback



Select the type of AntiPassBack (not compulsory)

to adjourn

OK



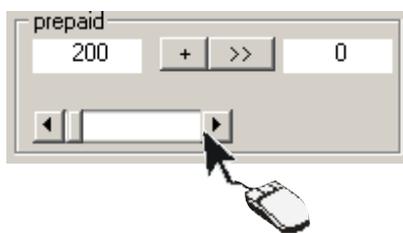
The AntiPassBack is used to stop the fraudulent use of the access devices, for example by allowing more than one vehicle to enter or persons with only one Radio-control or Card.

AntiPassBack Time limit means that the user, after passing the entrance, cannot pass back again across the entrance way for all the time of the antipassback defined in Timings > Time bands

AntiPassBack In/Out means that the user, after passing through the entrance, can only enter again after having left through the normal exit.

PREPAID access procedure

By selecting PREPAID access, it is **essential** to define the Prepaid area, whereas all the other areas are optional (see Normal Access and Personalised Access for the access validity)
 The term "Prepaid" means a number of credits purchased by the user having a value defined individually by each system manager (for example 1.20 Euro/dollar/pounds sterling/etc. for each credit): RBM84 does not calculate in currency terms, but only in number of credits.



Set the user-purchased Credits, which will appear in the left-hand box, ...

The left-hand box always represents the last purchase of Credits by the user.



... and transfer them into the right-hand box with the button [>>]

The right-hand box instead represents the availability of Credits the user still has (i.e. after already subtracting the already-"spent" ones).

If, before "spending" all the credits, the user buys some more, to add them, click on the button [+]

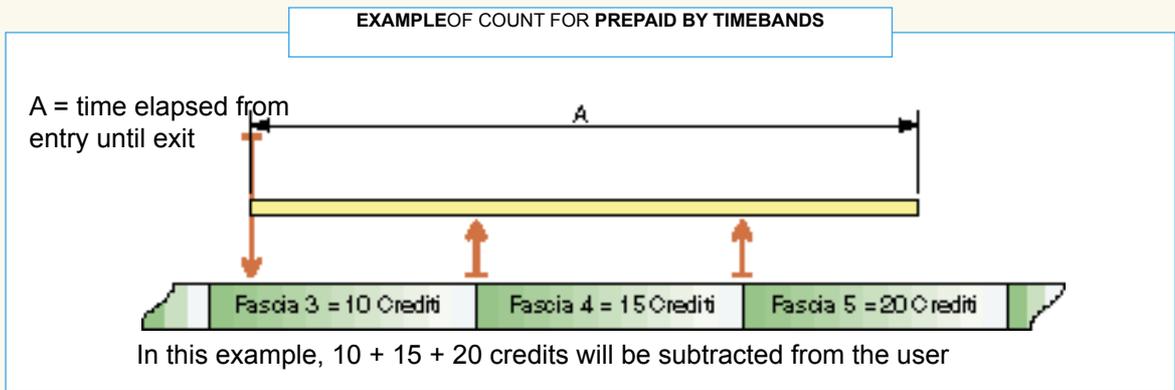


PREPAID access procedure

You can now select two greatly different settings for counting the credits.
 In the first setting, which we will call PREPAID BY BANDS (USERS or GROUP), you can leave the previously-defined credit settings. In this way, the count will vary depending on the band and access day.
 In the second, which we will call PREPAID BY ACCESS or TARIFF, you can vary the **Number of Credits applied in Individual Access**. This setting will subtract only one credit amount for each access irrespective of the time elapsed, time bands or access day.

PREPAID BY TIME BANDS

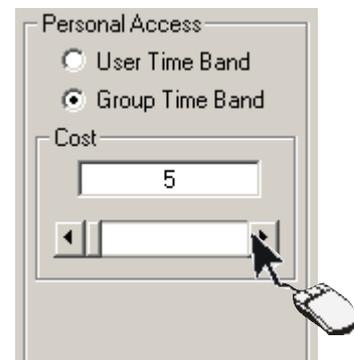
No additional selection is necessary: RBM84 adds the number of credits of the entrance time band to the numbers of credits of each timeband that begins during the period elapsed from entry until exit.



Cap 4

PREPAID BY ACCESS OR TARIFF

By clicking on the **Tariffs** bar, you will disable the payment by time bands as the tariff will take priority. In the example, 3 credits will be given for each band and the timebands' set values will be ignored.

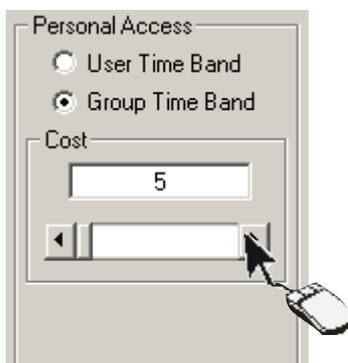


RBM84 will thus subtract a fixed rate of 5 credits for each entry by the user.

PREPAID WITH TIME-LIMIT access procedure

The PREPAID WITH TIME LIMIT mode is similar to the PREPAID mode and the areas to define are the same (which we refer to you for the selection details).

The only difference is the way of calculating the credits to charge the user which, in this access type, is connected to a time interval (**Time associated to the Credit, not to be confused with time band**).



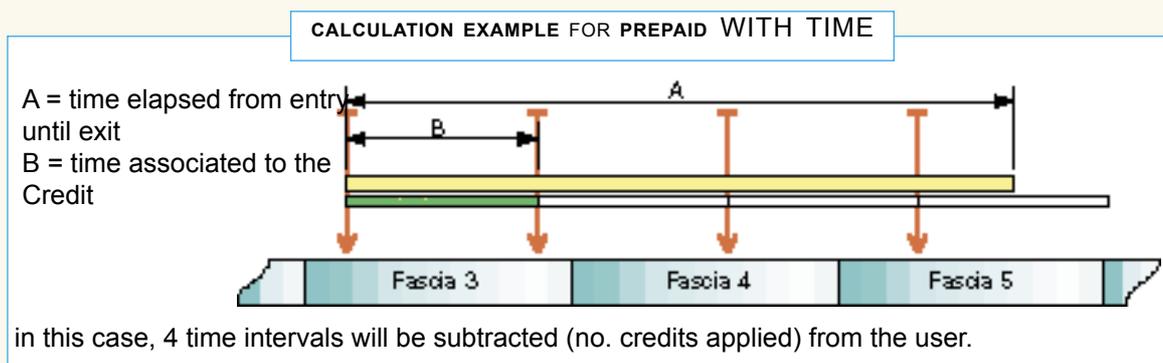
Click on the **Tariffs** bar to set the number of credits.

This procedure takes account of the set-up made in the "tariffs" window: time associated to credit.

Cap 4

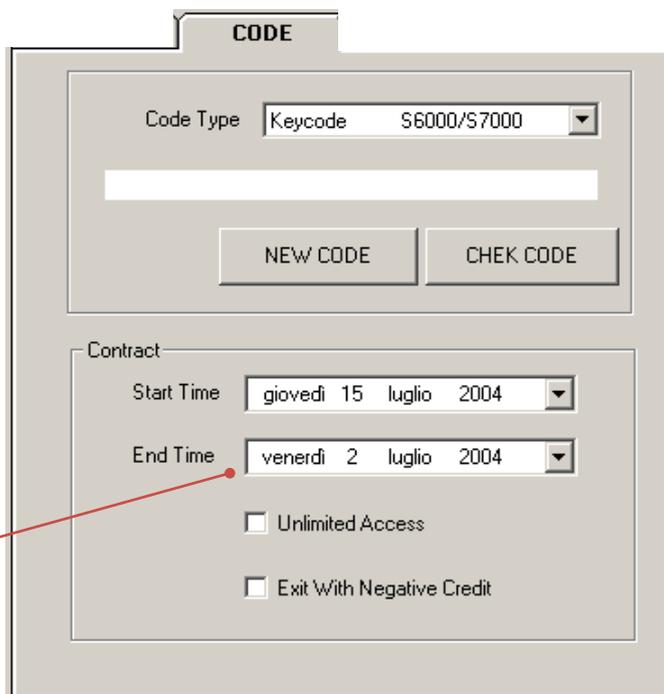


With the PREPAID WITH TIME LIMIT mode, RBM84 multiplies the number of credits set in **Individual Access, for each time interval associated to the credit, or fraction thereof, elapsing from entrance until exit.**



Access validity

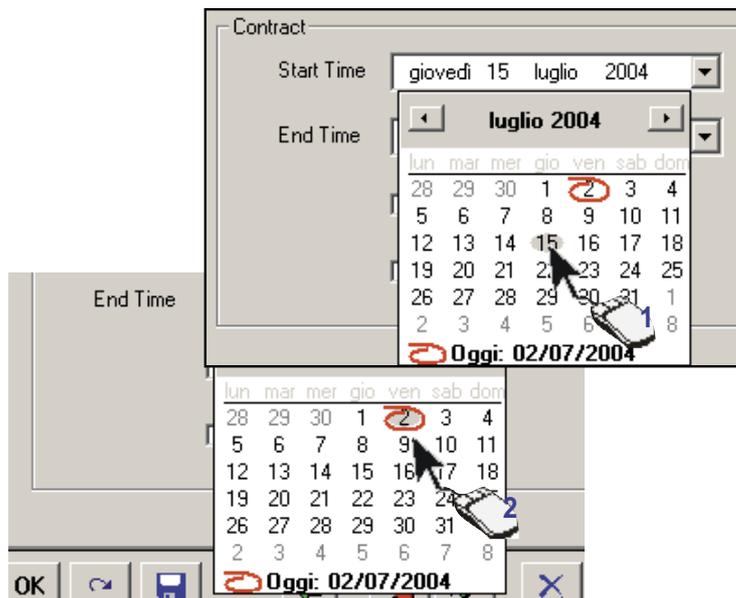
In the CODES dialog, for all the three modes, you can also set an access validity time (subscription type) irrespective of the credits purchased or remaining; this validity can be renewed at any time.



The code validity (discount ticket) ends at 24:00 on the day set

1- Set the contract start date

2- Set the contract end date



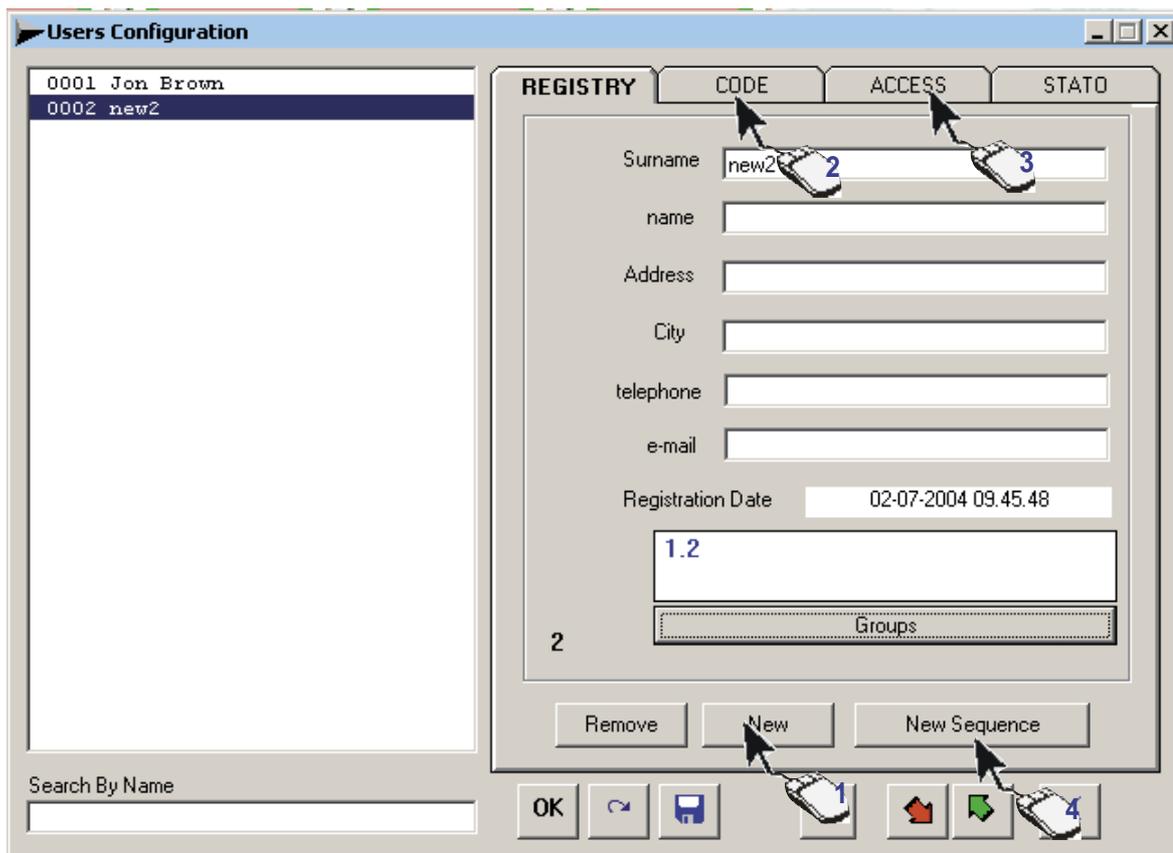
to adjourn



With UNLIMITED ACCESS, there is no longer a contract expiry date. Instead, with EXIT WITH NEGATIVE CREDIT the user can exit even if he/she has finished the credits in his/her pass (otherwise the user would not be able to leave), and at the next recharge, the amount owed will be signalled in red.

Adding a GIVEN NUMBER OF USERS (New Sequence)

This procedure adds any number of users (up to the maximum number allowed by the system) with the same characteristics of code type (Keyboard, Radio-control or Card), access type and group belonging. It is therefore necessary to configure a user with the desired characteristics, through the PERSONALISED, CODE and ACCESS dialogs, so as to then return to PERSONALISED and start up the procedure.



Cap 4

Click on [NEW(it is not necessary to complete the data in this phase) ...

... go to the CODE dialog and save a user code type ...

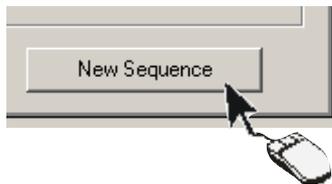
... go to the ACCESS dialog and save an access type ...



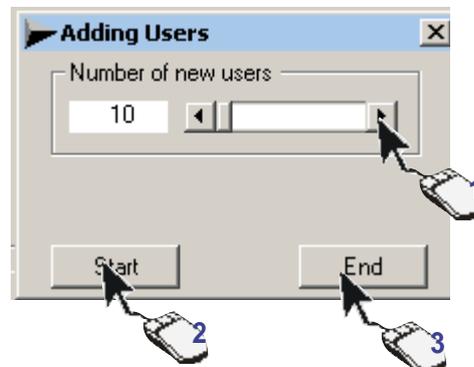
... then click on the [NEW SEQUENCE] button ...

If a new user is not saved, the procedure will repeat the last user entered (in the example user 007), applying the same sensor type characteristics.

Adding a GIVEN NUMBER OF USERS

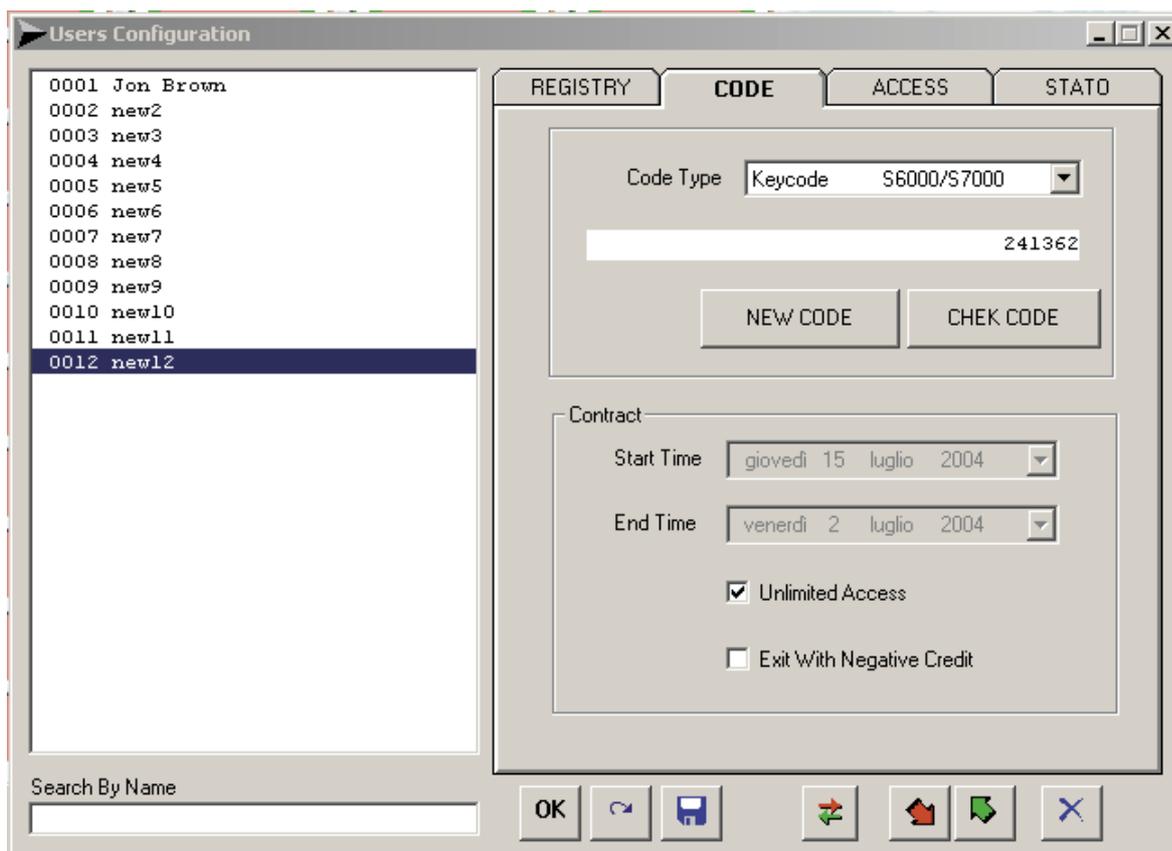


select the number of users to add (10 users as default) and run the procedure with the [START] button.



Cap 4

At this point, if the code type is a Keyboard ...



... the software will add them to the user list, generating a different random code for each one; click the [END] button to terminate the procedure.



Adding a GIVEN NUMBER OF USERS

... if the code type is instead a **Transmitter** or a **Card**:

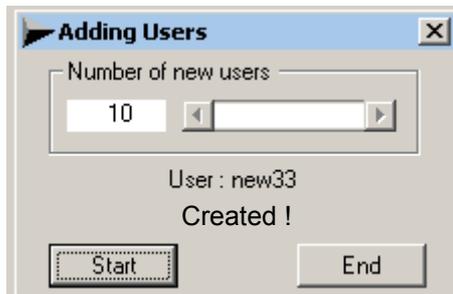


..... after starting up the procedure ...

... you must save, through PC30, the respective code for each device



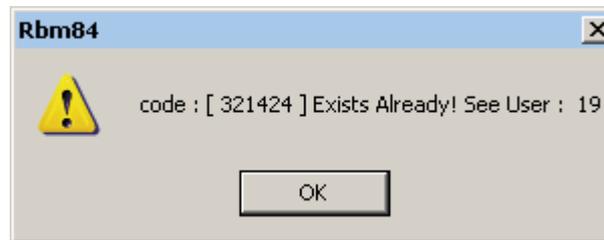
Cap 4



For each generation of new user, the graduated bar starts again while waiting for the next code.



... if the code being saved is already present



... you must click **[START]** again and save a valid code. Click the **[END]** button to terminate the procedure.

This also applies when, for whatever reason, you don't succeed in saving it within 10 seconds

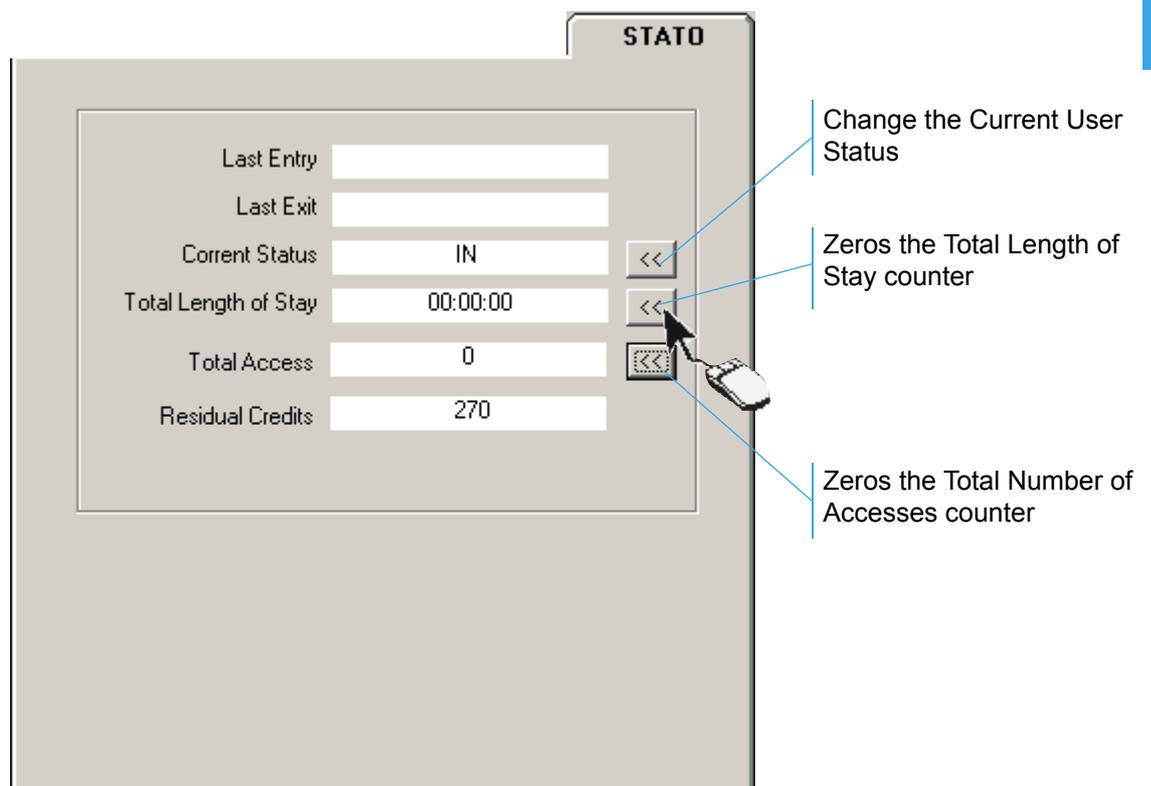
to adjourn



USER STATUS check

The STATUS dialog gives the updated status of every user with reference to:

- the date and time of the last entry
- the date and time of the last exit
- the presence or absence of the user within the system
- the total length of stay within the system
- the total number of accesses made
- The number of remaining Credits



The Current Status (whether present in the system) can be changed at any time and the Total Length of Stay and Total Visits can also be zeroed using the relevant buttons

S E C T I O N 5

RBM84 - SOFTWARE

UPDATES - DAILY HISTORY

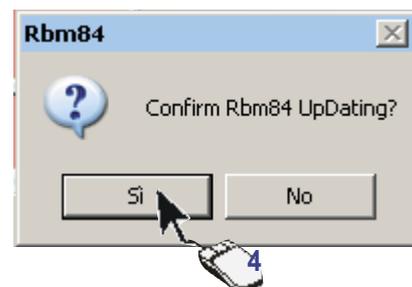
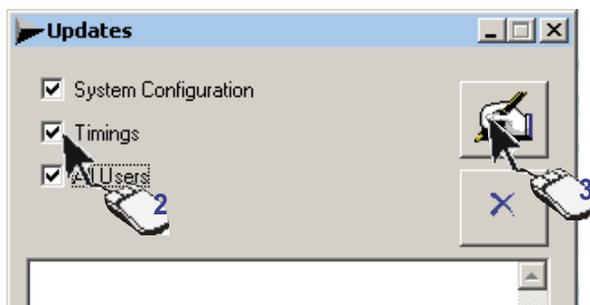
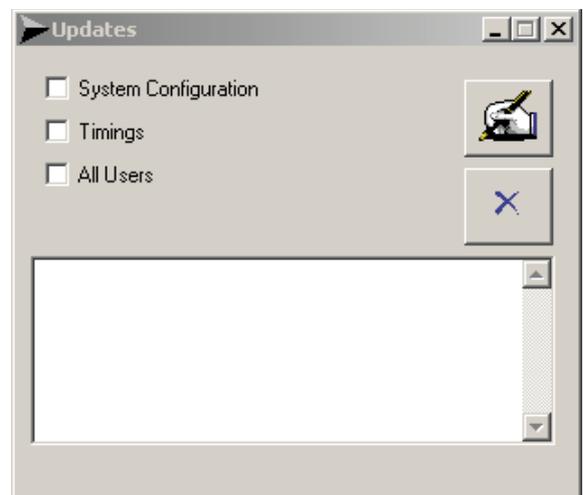
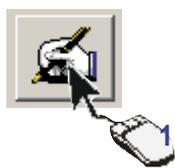
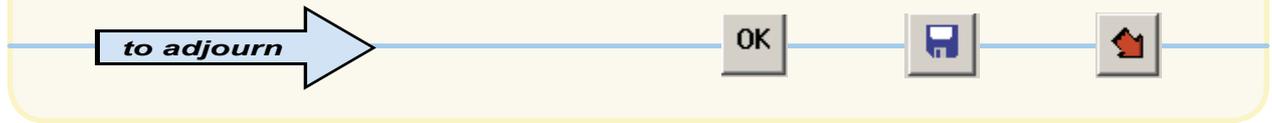
CONTENTS

<i>subject</i>	<i>page</i>
RBM84 Upgrades	2
Display preferences	3
History Management	3
Events history	4
Daily Management	6

RBM84 Upgrades

The *UPDATES* dialog is used to update, simultaneously or individually, the three key sections of the configuration: *System*, *Timings* and *Users*.

Before starting up the update procedures, all the changes made previously must be saved; to this end, we recommend pressing the buttons shown here, at least at the end of every configuration section indicated above.

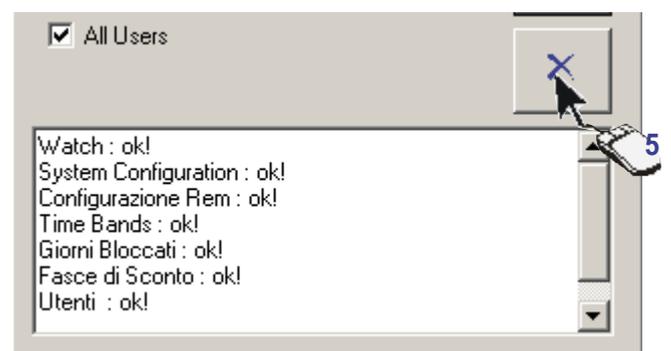


Cap 5

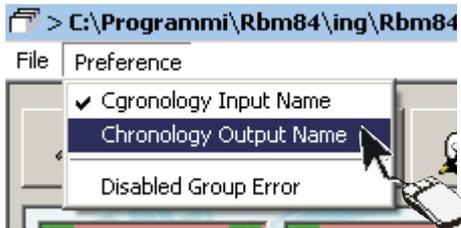
Tick the section to update and click on [UPDATE], then [YES] to confirm the update



... and wait for the graduated bar in the lower part of the main window to scroll down; then click on the [END] button



Display preferences



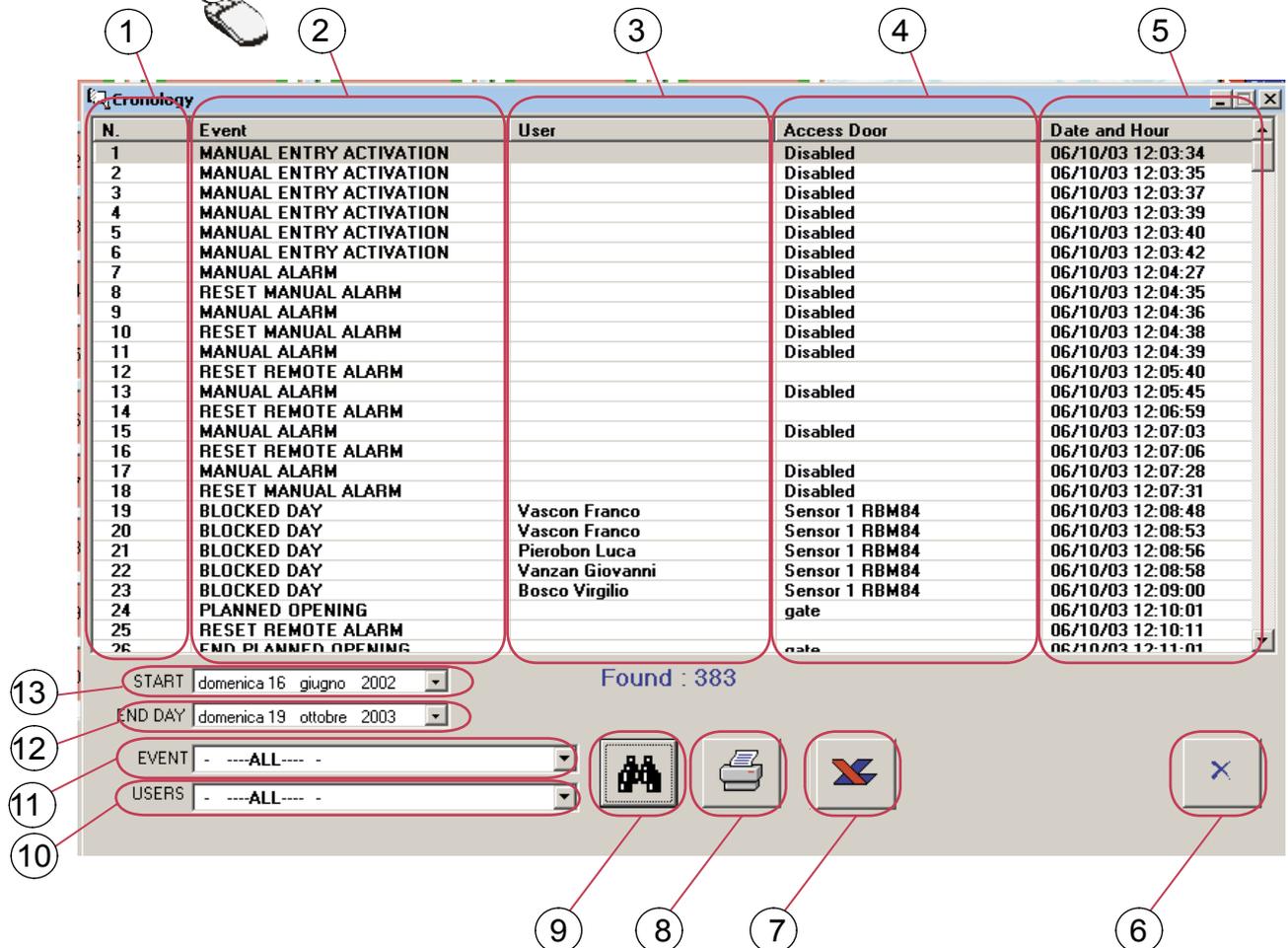
By selecting **HISTORY USING SENSOR NAME** or **HISTORY USING GATE NAME**, we can change the display of column4 and, if shown, select either the gate name where the event happens or the sensor name.

Instead, by selecting **DISABLE ASSEMBLY ERROR**, the assembly error is not managed.

History Management



Clicking this button opens the "History" window.



N.	Event	User	Access Door	Date and Hour
1	MANUAL ENTRY ACTIVATION		Disabled	06/10/03 12:03:34
2	MANUAL ENTRY ACTIVATION		Disabled	06/10/03 12:03:35
3	MANUAL ENTRY ACTIVATION		Disabled	06/10/03 12:03:37
4	MANUAL ENTRY ACTIVATION		Disabled	06/10/03 12:03:39
5	MANUAL ENTRY ACTIVATION		Disabled	06/10/03 12:03:40
6	MANUAL ENTRY ACTIVATION		Disabled	06/10/03 12:03:42
7	MANUAL ALARM		Disabled	06/10/03 12:04:27
8	RESET MANUAL ALARM		Disabled	06/10/03 12:04:35
9	MANUAL ALARM		Disabled	06/10/03 12:04:36
10	RESET MANUAL ALARM		Disabled	06/10/03 12:04:38
11	MANUAL ALARM		Disabled	06/10/03 12:04:39
12	RESET REMOTE ALARM		Disabled	06/10/03 12:05:40
13	MANUAL ALARM		Disabled	06/10/03 12:05:45
14	RESET REMOTE ALARM		Disabled	06/10/03 12:06:59
15	MANUAL ALARM		Disabled	06/10/03 12:07:03
16	RESET REMOTE ALARM		Disabled	06/10/03 12:07:06
17	MANUAL ALARM		Disabled	06/10/03 12:07:28
18	RESET MANUAL ALARM		Disabled	06/10/03 12:07:31
19	BLOCKED DAY	Vascon Franco	Sensor 1 RBM84	06/10/03 12:08:48
20	BLOCKED DAY	Vascon Franco	Sensor 1 RBM84	06/10/03 12:08:53
21	BLOCKED DAY	Pierobon Luca	Sensor 1 RBM84	06/10/03 12:08:56
22	BLOCKED DAY	Vanzan Giovanni	Sensor 1 RBM84	06/10/03 12:08:58
23	BLOCKED DAY	Bosco Virgilio	Sensor 1 RBM84	06/10/03 12:09:00
24	PLANNED OPENING		gate	06/10/03 12:10:01
25	RESET REMOTE ALARM			06/10/03 12:10:11
26	END PLANNED OPENING			06/10/03 12:11:01

Found : 383

START: domenica 16 giugno 2002

END DAY: domenica 19 ottobre 2003

EVENT: ---ALL---

USERS: ---ALL---

Buttons: [New Search] [Print] [Export in EXCEL format] [Close]

- 1 - Event numbering column
- 2 - Event description column
- 3 - User display column
- 4 - Display column of the gate or sensor involved in the event
- 5 - Event date and time column
- 6 - "Close" button
- 7 - "Export in EXCEL format" button.
- 8 - "Print" button.
- 9 - "New Search" button
- 10 - Box for selecting users to search
- 11 - Box for selecting the events to search
- 12 - Box for selecting interval end to search
- 13 - Box for selecting interval start to search

History (EVENTS)

USER ENTRY	User entry means registered persons' access
USER EXIT	User exit means registered persons' exit
INTERNAL PASSAGE	With Passage, a passage is notified within the system, without changing the APB status.
ERROR: PASSAGE INTERNAL	With Internal Passage Error, a passage on the internal sensor is notified without first being entered in the system.
UNKNOWN USER	Unknown user means an attempted access of by someone not registered in the system
USER WITHOUT ASSEMBLY	If there is not at least one user group assigned, it will be impossible to perform access
SENSOR WITHOUT ASSEMBLY	If during system-programming we forget to assign at least one group to each sensor, the sensor will not function
BLOCKED DAY	Attempted access on blocked day.
APB I/O	Attempted access with antipassback activated (the user still results as being within the system)
CONTRACT EXPIRED	Attempted access outside the contract times (expired pass).
RED TRAFFIC LIGHT	Attempted access with red traffic light and related absence of places.
WRONG GROUP	Attempted access with group not enabled to given sensor (or area)
USER ACCESS DISABLED	Attempted access user disabled from operating
ERROR ON TIME BAND	Attempted user access in time band not enabled
ERROR ON ENTRY TIME BAND	Attempted user access during entry time band not enabled
ERROR ON EXIT TIME BAND	Attempted user access during time band not enabled at the exit
ERROR ON APB TIME	Attempted access with antipassback, time limit still active (time period not yet expired)
INSUFFICIENT CREDIT	Attempted exit with insufficient credit (if not enabled at the exit with negative credit)
ACTIVATION MANUAL ENTRY	Access openings by PC
ACTIVATION TIME	Access openings through time programming
END ACTIVATION TIME	Access closure through time programming(end of the planned opening)
BLOCK LOCAL	System block by pushbutton that acts directly on RBM84 or on REM unit
END BLOCK	Manual clearing of blocked system by external button.

History (EVENTS)

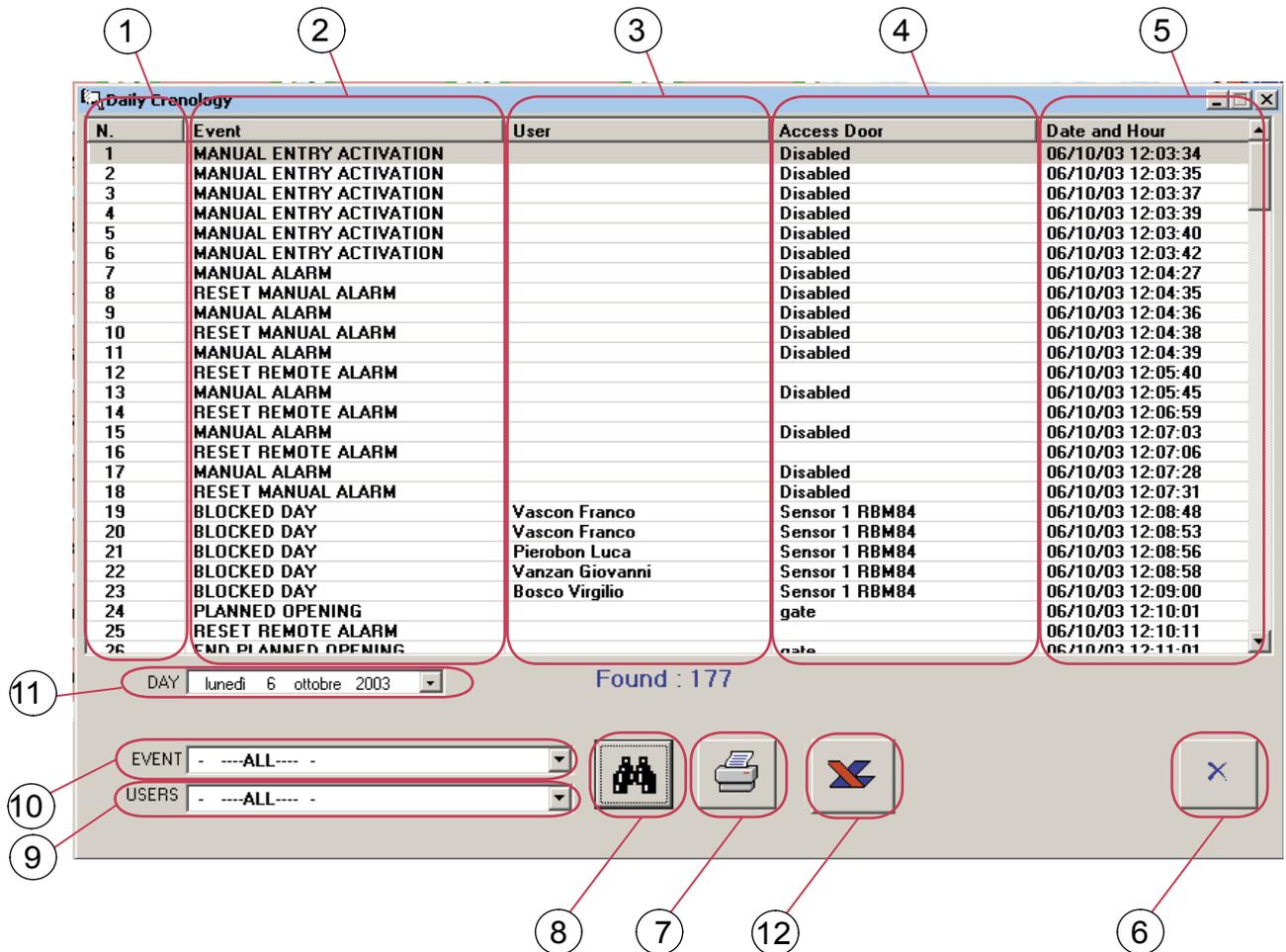
REMOTE BLOCK	System block by the software.
REMOTE UNBLOCK	System unblock/release by software.
MANUAL ALARM	Alarm activated by external pushbutton.
MANUAL ALARM RESET	Alarm shut-down activated by pushbutton.
CHANGE SYSTEM	This signals when a setting change is made to the system (only visible if the Password has been inserted)
CHANGE ACCESS	This signals when a change to the system access procedures is made (only visible if the Password has been inserted)
CHANGE PASSHOLDERS	This signals when a change to the management of the passholders is made (only visible if the Password has been inserted)
BOARD PASSWORD ACTIVATION	This item signals activation of the RBM84 board's internal password
REMOVAL PASSWORD BOARD	This item signals activation of the RBM84 board's internal password
BEGIN COMMUNICATION MODEM	With this, it is worth noting the end of the connection by modem on RBM84
END COMMUNICATION MODEM	Con questa voce si segnala la fine della connessione mediante modem su RBM84

By selecting between the EVENTS and USERS we can fine-tune the search to reduce superfluous data, thus allowing the relevant information to be found..

Daily Management



Clicking this button opens the “Daily History” window.



N.	Event	User	Access Door	Date and Hour
1	MANUAL ENTRY ACTIVATION		Disabled	06/10/03 12:03:34
2	MANUAL ENTRY ACTIVATION		Disabled	06/10/03 12:03:35
3	MANUAL ENTRY ACTIVATION		Disabled	06/10/03 12:03:37
4	MANUAL ENTRY ACTIVATION		Disabled	06/10/03 12:03:39
5	MANUAL ENTRY ACTIVATION		Disabled	06/10/03 12:03:40
6	MANUAL ENTRY ACTIVATION		Disabled	06/10/03 12:03:42
7	MANUAL ALARM		Disabled	06/10/03 12:04:27
8	RESET MANUAL ALARM		Disabled	06/10/03 12:04:35
9	MANUAL ALARM		Disabled	06/10/03 12:04:36
10	RESET MANUAL ALARM		Disabled	06/10/03 12:04:38
11	MANUAL ALARM		Disabled	06/10/03 12:04:39
12	RESET REMOTE ALARM		Disabled	06/10/03 12:05:40
13	MANUAL ALARM		Disabled	06/10/03 12:05:45
14	RESET REMOTE ALARM		Disabled	06/10/03 12:06:59
15	MANUAL ALARM		Disabled	06/10/03 12:07:03
16	RESET REMOTE ALARM		Disabled	06/10/03 12:07:06
17	MANUAL ALARM		Disabled	06/10/03 12:07:28
18	RESET MANUAL ALARM		Disabled	06/10/03 12:07:31
19	BLOCKED DAY	Vascon Franco	Sensor 1 RBM84	06/10/03 12:08:48
20	BLOCKED DAY	Vascon Franco	Sensor 1 RBM84	06/10/03 12:08:53
21	BLOCKED DAY	Pierobon Luca	Sensor 1 RBM84	06/10/03 12:08:56
22	BLOCKED DAY	Vanzan Giovanni	Sensor 1 RBM84	06/10/03 12:08:58
23	BLOCKED DAY	Bosco Virgilio	Sensor 1 RBM84	06/10/03 12:09:00
24	PLANNED OPENING		gate	06/10/03 12:10:01
25	RESET REMOTE ALARM		gate	06/10/03 12:10:11
26	END PLANNED OPENING		gate	06/10/03 12:11:01

Found : 177

DAY: lunedì 6 ottobre 2003

EVENT: - ALL -

USERS: - ALL -

Buttons: [New Search] [Print] [Export] [Close]

Cap 5

- 1 - Column of event numbering
- 2 - Column of event description.
- 3 - Acting carrier display column
- 4 - Column for displaying the gate involved in the event
- 5 - Column with the event's date and time.
- 6 - "Close" button
- 7 - "Print" button
- 8 - "New Search" button
- 9 - Box for selecting the users to search
- 10 - Box for selecting the events to search
- 11 - Box for selecting the data to search
- 12 - "Export" button

The EVENTS and USERS items are the same as those described on pages 4 and 5.

S E C T I O N 6

RBM84 - SOFTWARE

PRINTS

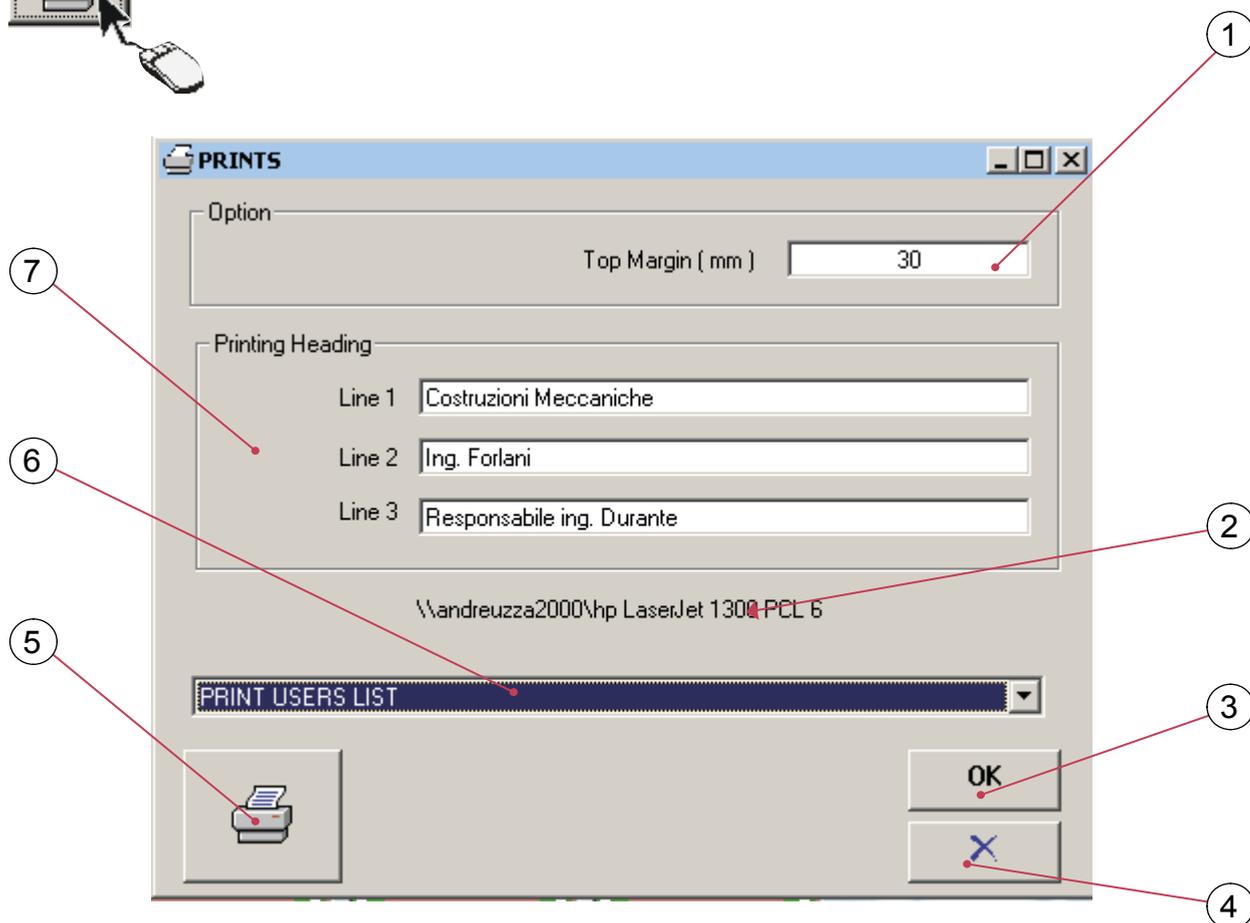
CONTENTS

<i>subject</i>	<i>pag</i>
Print window	2
Print preview window.....	3
Print preview window.....	4
Project ManagementWindow	4

PRINT window

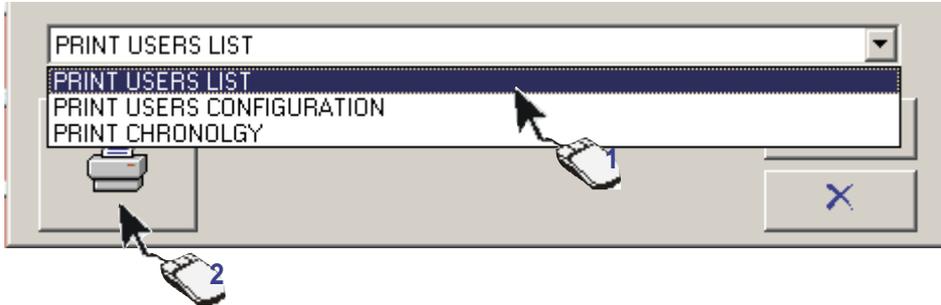


Clicking on this button will open the "Prints" window".



- 1 - Upper margin may be set for headed sheets
- 2 - Printer currently set
- 3 - "Confirmation" button
- 4 - "Close" button
- 5 - "Print" button (first look at the preview)
- 6 - Select the type of print to be completed (Register, Configuration, History)
- 7 - Rows available for header (3 max.)

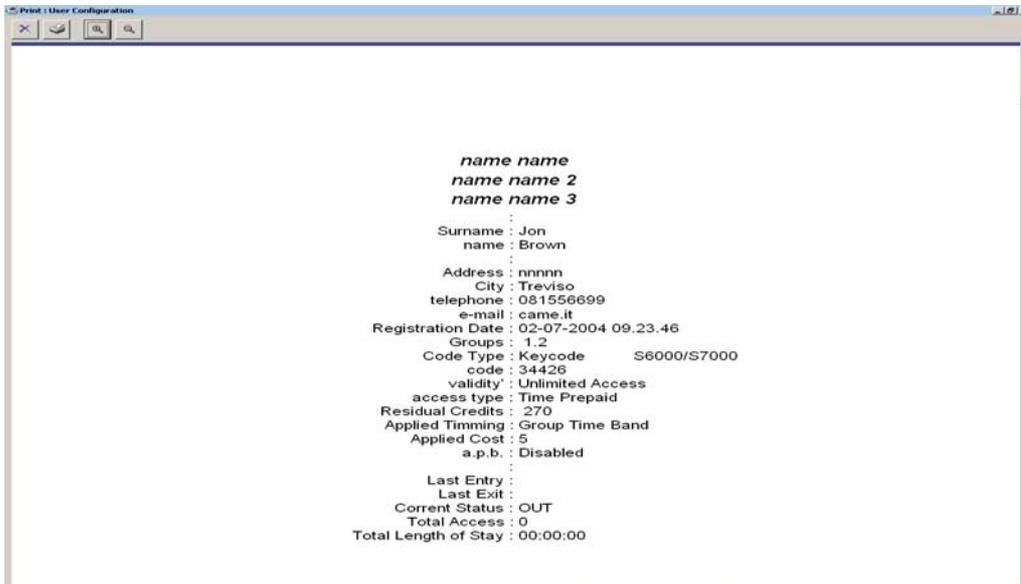
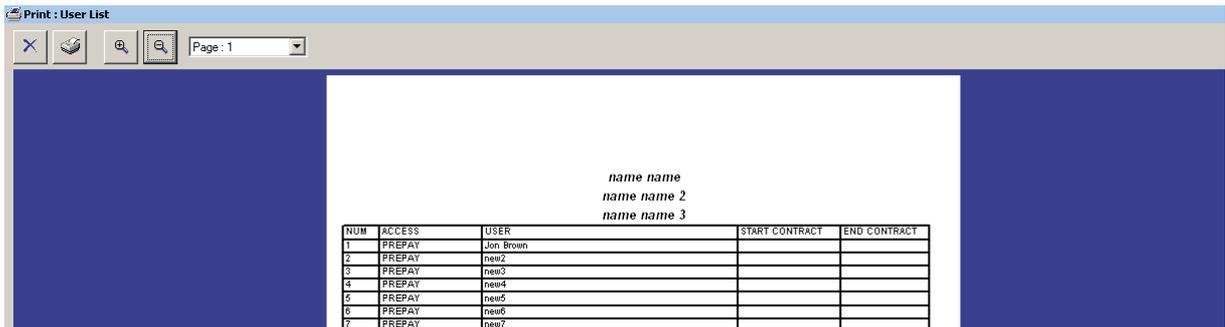
Print preview windows



Select the type of data to print.

Press the print button and a preview window depending on the type of print requested will appear

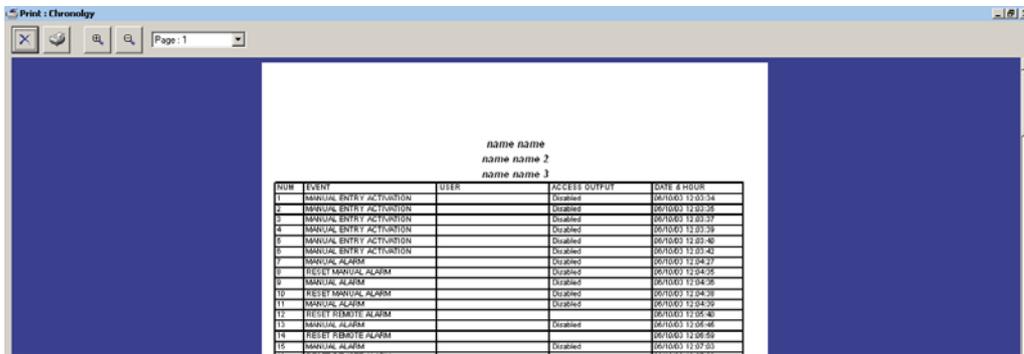
User List



User configuration

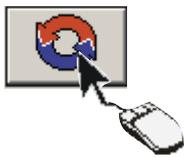
before the preview you will be asked to select the user.

Print Preview Windows



History
The history before the preview will request the period of interest, and the type of action.

Project Management



Clicking on this button will open the Project Management window that allows different system configurations to be saved and loaded

Name of system currently in use.

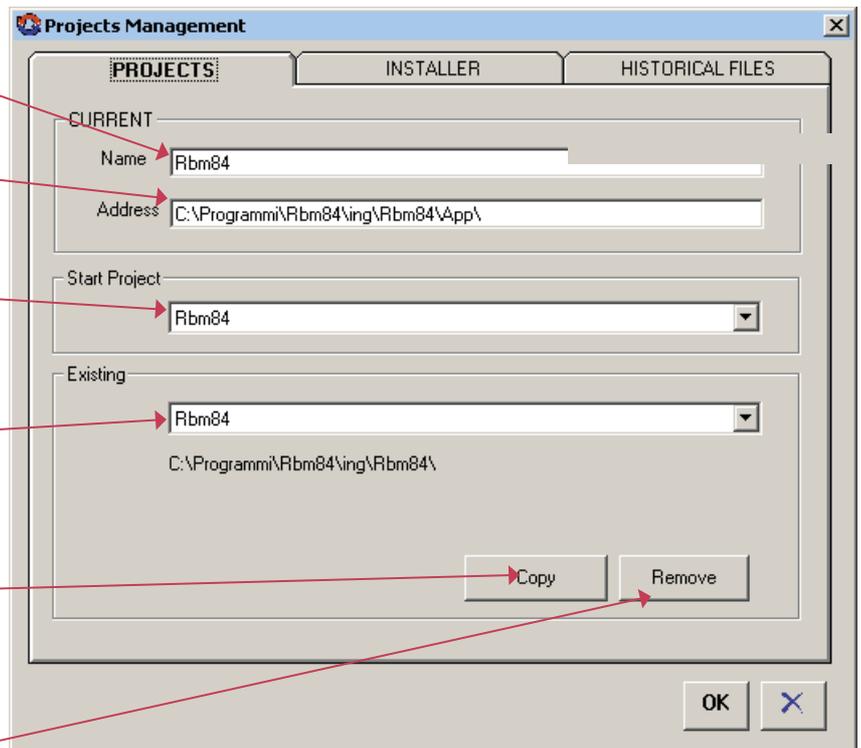
Path - where to find the file.

If more than one project is present, select which one to leave for the next start up

Various saved projects can be displayed

Save As button for current project

Button for removing saved projects.



S E C T I O N 7

RBM84 - SOFTWARE

PASSWORD

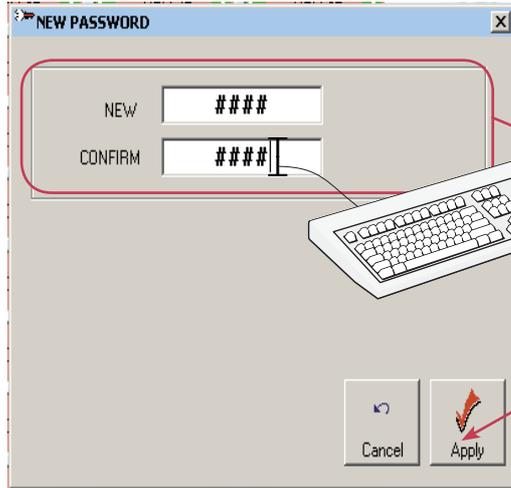
CONTENTS

<i>subject</i>	<i>page</i>
Adding the master password	2
Changing the master password	2
Adding the board password.....	3
Access to password-protected board	4
Adding users password	5

Adding master password



Clicking this button opens the window for keying in the password



In the "NEW" field, type in the desired password and then again in the "CONFIRM" field to check for any typing errors. This password is that of the system administrator who manages the various users.

Click OK to activate the changes.

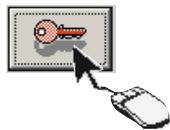
Once the changes are made, the following message will appear



When the password is active the key turns red

N.B. The program accepts alphanumeric passwords with a maximum of 8 characters

Change and deactivate master password



Clicking on the icon with the red key opens the Change Password window where you can set the passwords for the users or change that of the administrator and the board.

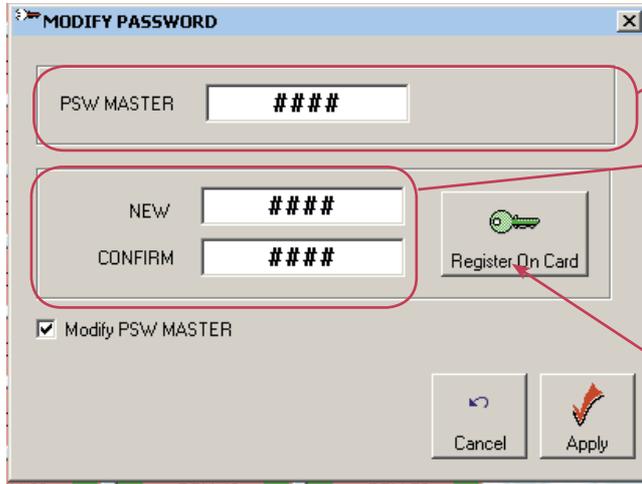


All changes require the administrator's password to be keyed in

To remove or change the main password, the checkbox must be selected.

Change and deactivate master password

As soon as selected, the checkbox opens a new panel as shown in the figure below.



All changes require the administrator's password to be keyed in

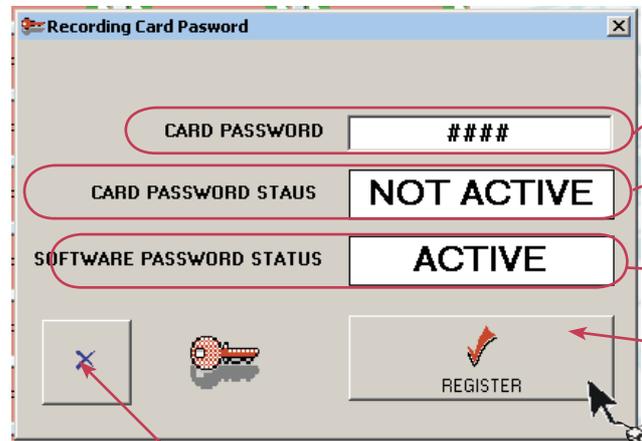
To remove the password, simply fill in the two fields and click OK. To change the administrator's password, simply write on "new" and again on "confirm" and then press OK.

RBM84 allows the Password to be directly inserted in the board, to test possible accesses via modem.

Adding board password



Clicking on this button opens the window for entering the board password



Field for inserting the board password

Current status board password.

Current status administrator's password.

Register button.

Tasto annulla.

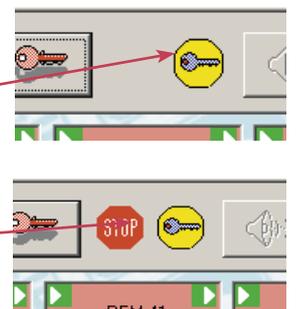
Once the board password is typed in and confirmed with the register button, "password registered" will appear in the window



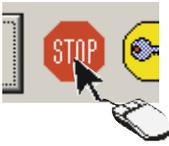
However, on the main screen icons will appear

This indicates the password is present on the board. If the board and master passwords coincide, a single icon

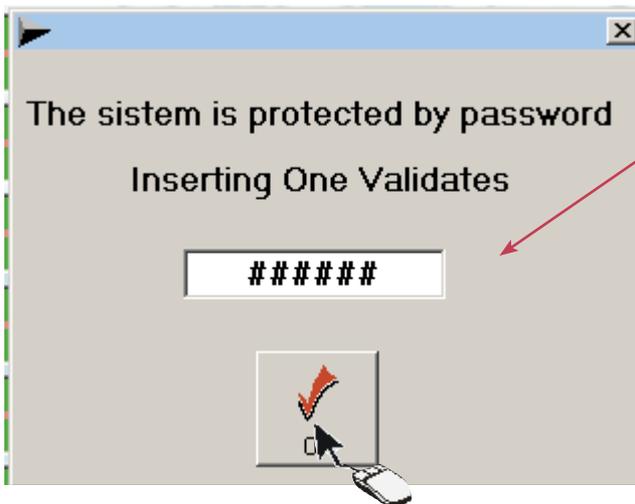
will appear. If, however, they are different, the icon will appear along with a STOP icon



Access to password-protected board

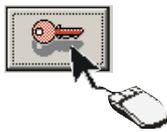


Clicking on this button opens the window for entering the board protection password (when already activated)

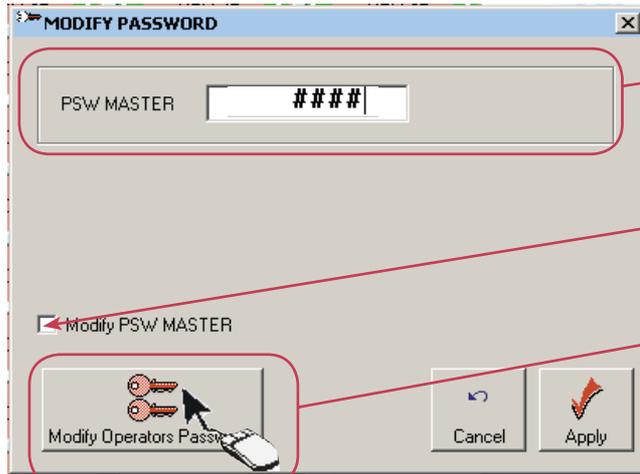


This operation allows connection of a password-protected RBM84, to a PC with software which has no password, or one different to that of the board.

Adding users' password



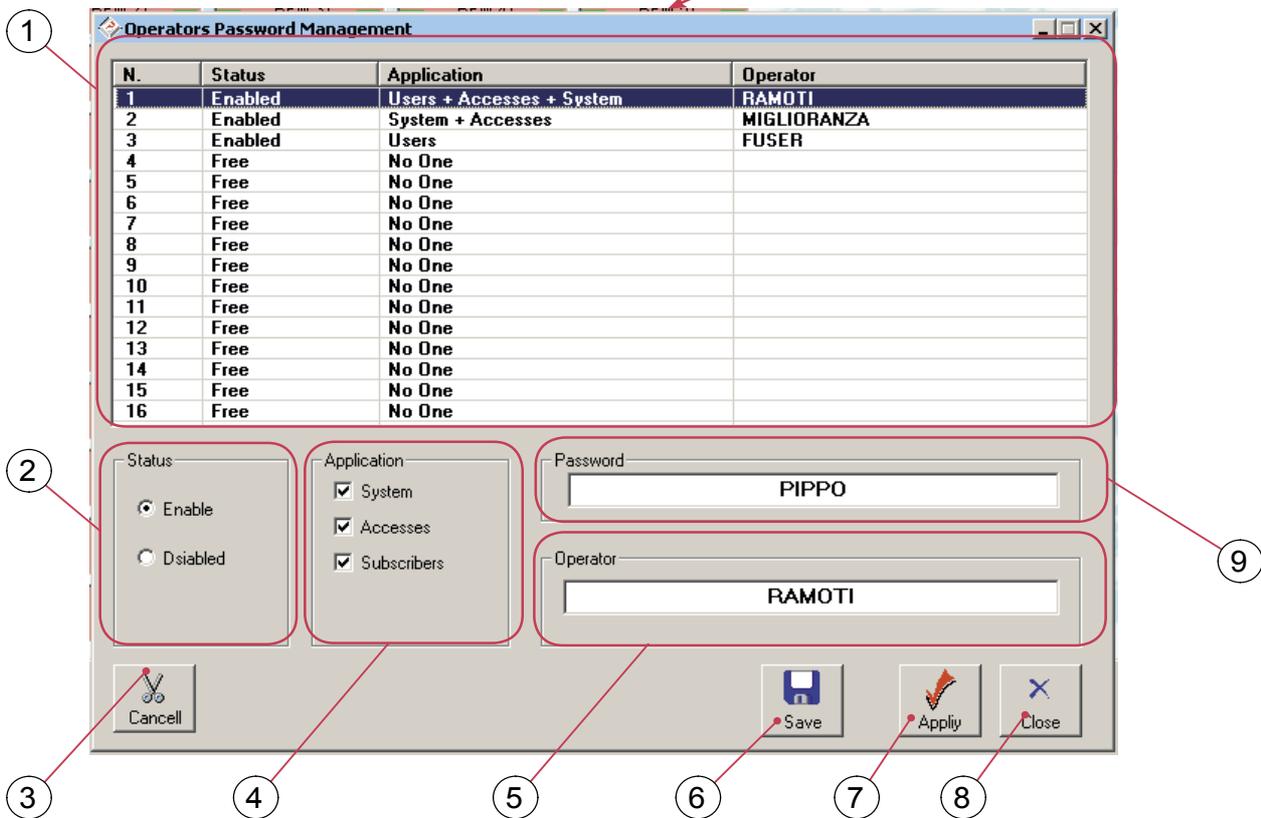
Once the master password is inserted, the users' password may be entered.



Per fare qualsiasi modifica bisogna inserire la password dell'amministratore (master)

To remove or change the main password, you must select the checkbox.

Clicking on this button opens the window for inserting the users' password



- 1 - Summary window for managing the users' passwords
- 2 - Selecting the user status
- 3 - Button for removing the users
- 4 - Selecting authorisations to associate with the users

- 5 - Field for typing the user's name
- 6 - Save button
- 7 - Apply Button
- 8 - Close Key
- 9 - Field for writing in the user's password

S E C T I O N 8

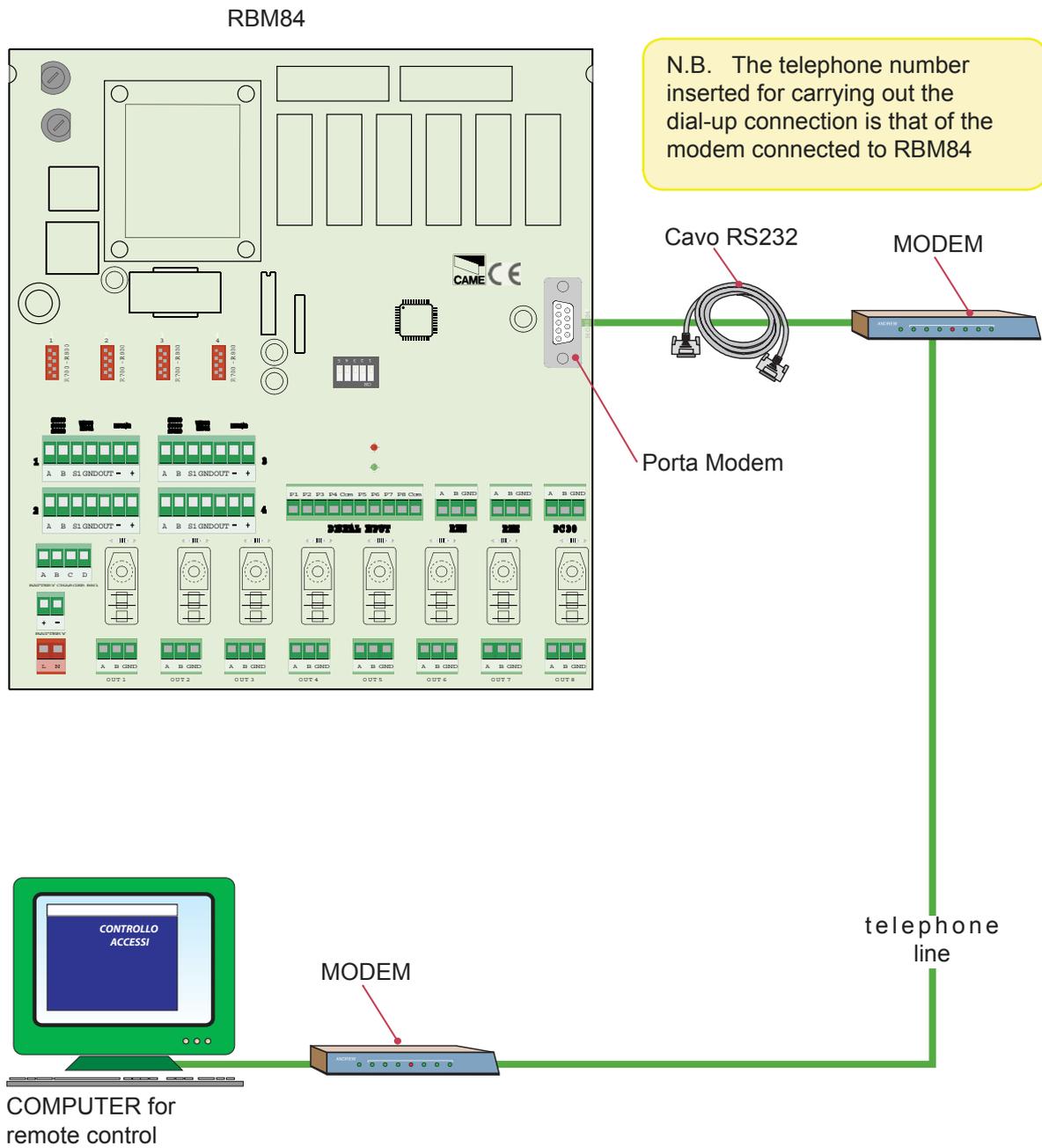
RBM84 - SOFTWARE

MODEM

CONTENTS

<i>subject</i>	<i>page</i>
Modem connection	2
Connection with remote computer	3
Remote connection window	4

Modem connection

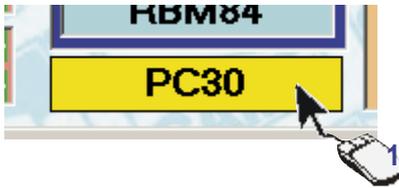


Cap 8

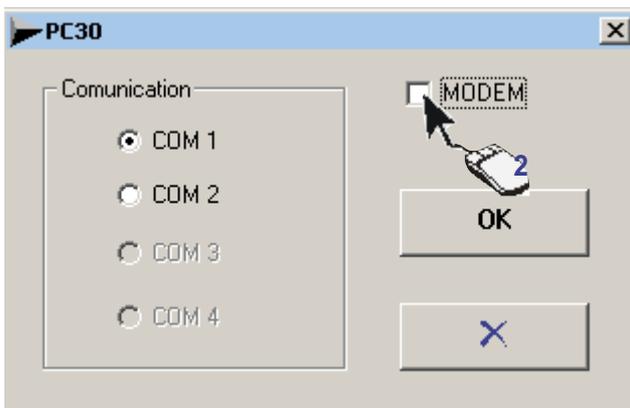
N.B. Only modems equal to 56k can be used

Communication happens between a PC, its modem, the modem receiver and RBM84. During the connection, it is possible to change any indicator and read any information.

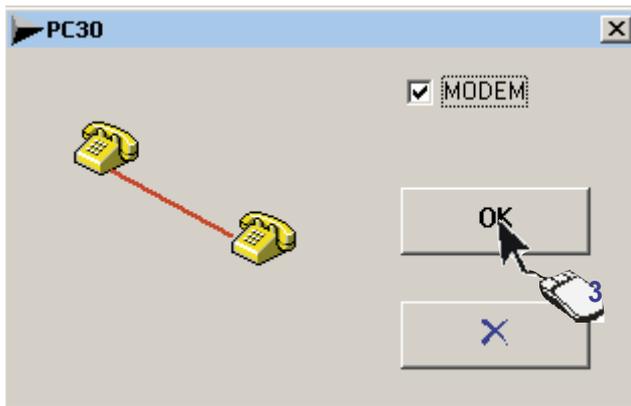
Remote computer connection



1- Enter in configuration PC 30



2-to select the modem

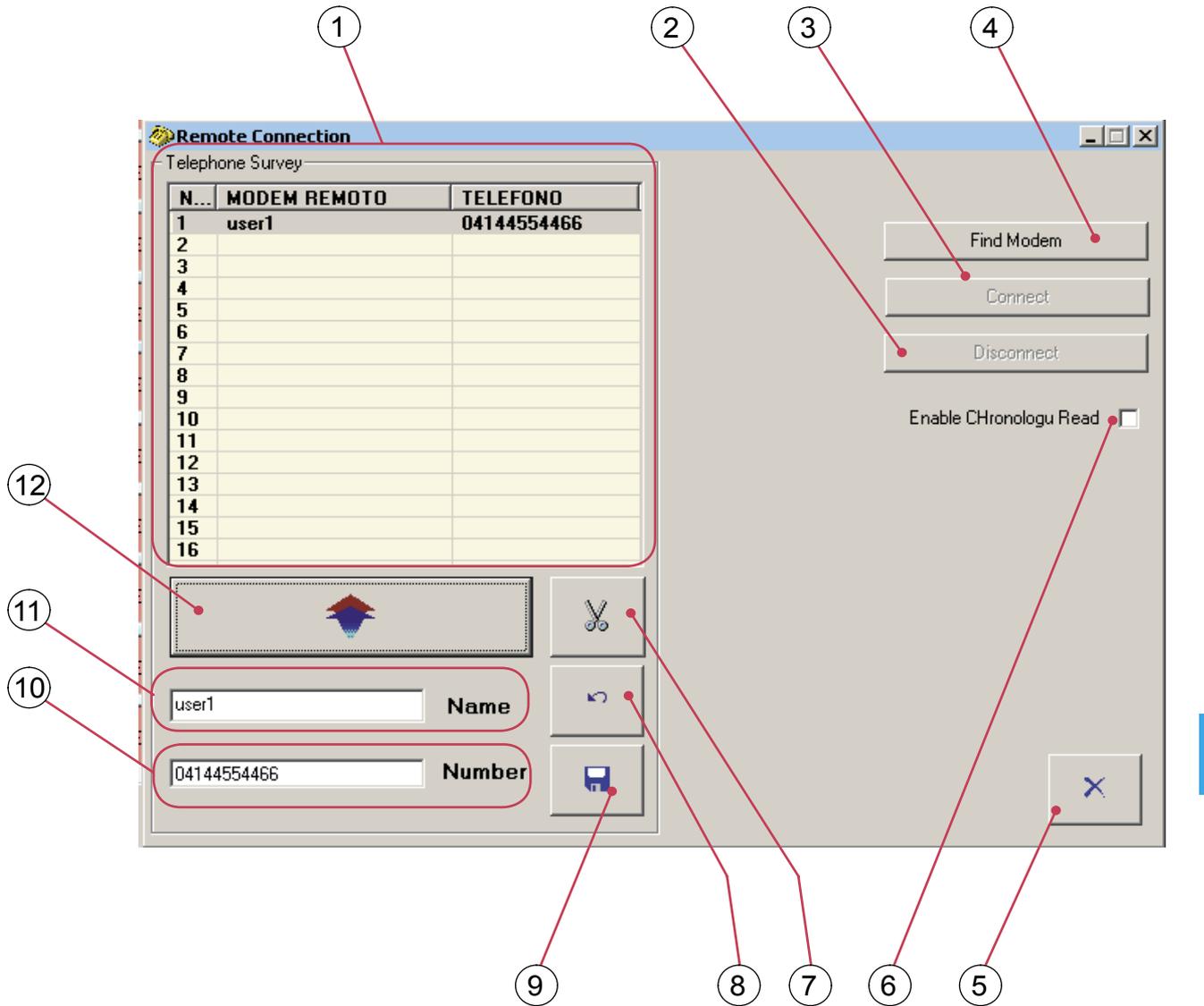


3-confirm



4-activate the remote connection window

Remote connection window



1 - Window displaying numbers column

2 - Disconnection button

3 - Connection button

4 - Button for detecting the installed modem and the related connection port.

5 - Escape button

6 - Selection for activating the reading of the system history through remote connection.

7 - Cancel user button

8 - Cancel operations button

9 - Save button

10 - Field for entering telephone number

11 - Field for entering remote modem name (compulsory)

12 - Button for entering numbers and names

Once the remote connection window is activated

- assign a number and a name to the remote modem
- have the system detect the modem (the modem detected is the one connected to our PC)
- save the changes
- Start the dial-up connection by pressing Connect
- once connected the remote connection window can be closed and the RBM84 used