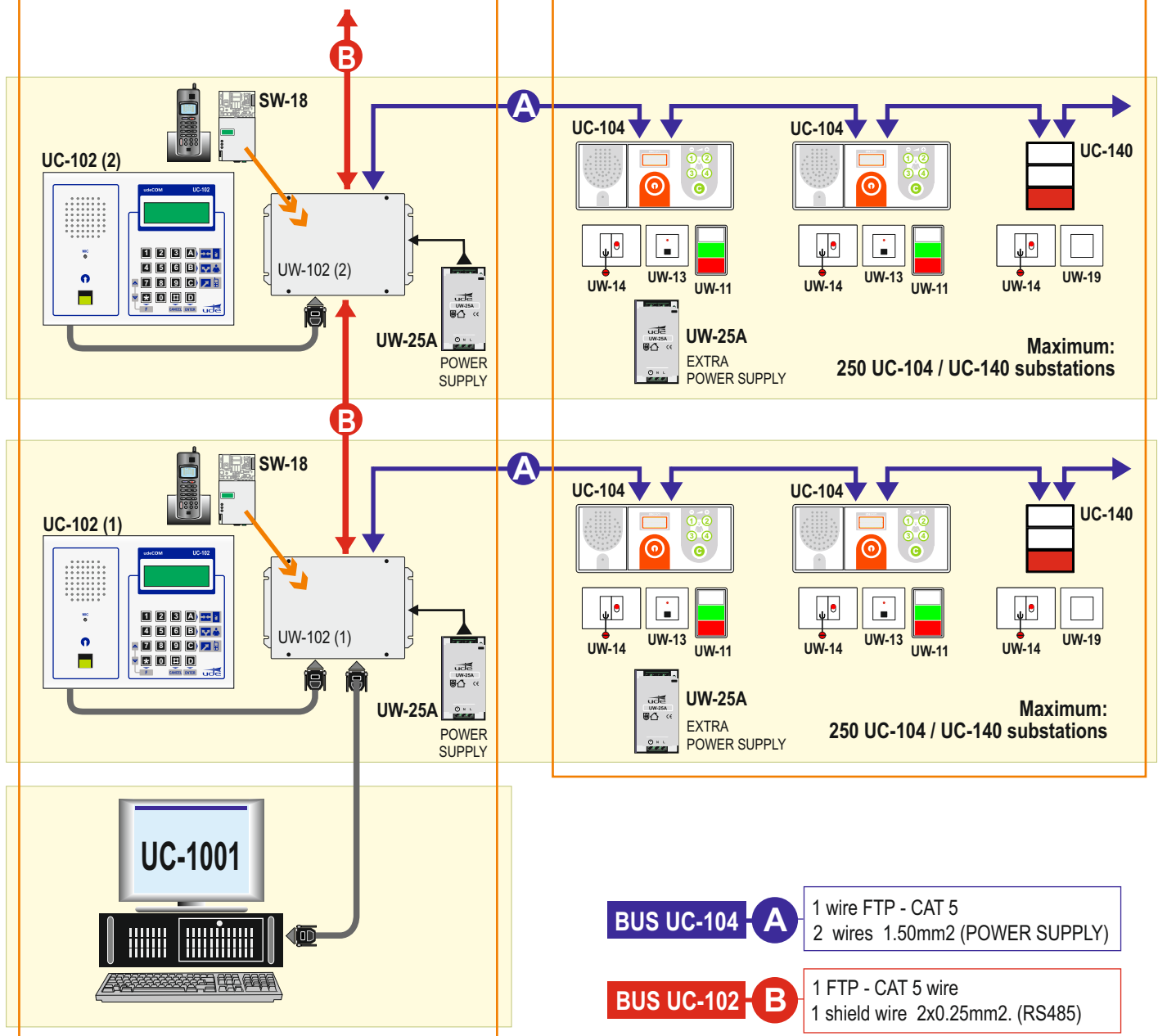


Installation - Wiring UDECOM System Configuration

UDECOM System diagram

Maximum: 14 control station UC-102

Maximum: 900 UC-104 / UC-140 substations



1. UDECOM System structure:

- One or more UC-102 central stations, maximum 14 per system.
- The number of UC-104 and UC-140 substations that compose the system: bedrooms, bathrooms, geriatrics and other sites (until 250 substations).
- Hand call push button for beds calling UW-10.
- Bath call module UW-14.
- Bath call cancellation UW-19.
- Corridor lamp UW-11.
- Power supply UW-25A.
- Technical key UW-T.

Optional equipment:

- Call jack UW-13.
- Telephone interface UW-18.
- Privacy telephone UC-105
- Data management module UC-1001 (includes software) for incidences control, data base and live monitoring UDECOM system activity.

2. ENGINEERING TASKS

The project manager should elaborate the system documentation, it is recommended to:

- Create a brief and full description of the system and equipments functions.
- Configuration installation options of room substation and central station.
- Floor plan with connection diagram of all UDECOM equipments: central station, room substation, Hand call push button, corridor light, power supplies, data management module, telephones interfaces and all related equipments.
- Identification equipment with physical location for example:
Room substation UC-104 No. 314 in room 447, floor 3.

3. INSTALLATION

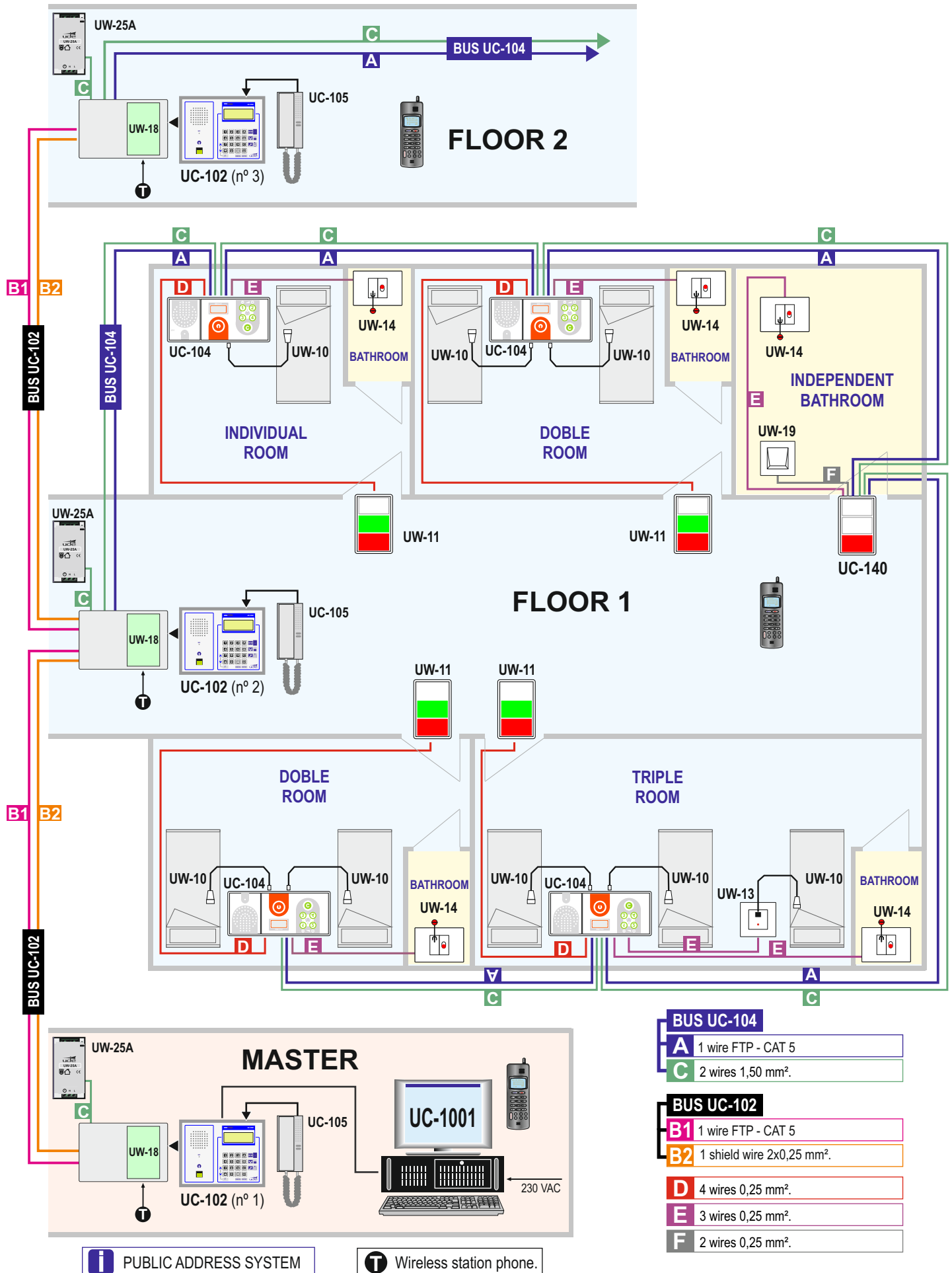
The electrical safety is guaranteed through the use of the appropriate standard and local legislation.

The wiring installation must be according to the general purpose installation diagram.

Procedure:

1. Install UDECOM equipment in a surface or flushing mounting surface.
2. Install all wires: Data bus, electrical conductors and peripheral room substation wires.
Before connecting UC-104 and UC-140 substations, central station UC-102 and telephone interface, a wire and connection test verification are strongly recommended. UW-G and UW-R can be to verify the correct wiring installation, including corridor lights, bath call push-button and public address system related to the UDECOM system.
3. Connect all room substations and Independent bathroom substations bases to the general data bus including the connection module of the central station UC-102.
4. Install de power supply and plug all healthcare equipments.

INSTALLATION DIAGRAM



- BUS UC-104**
- A** 1 wire FTP - CAT 5
- C** 2 wires 1,50 mm².
- BUS UC-102**
- B1** 1 wire FTP - CAT 5
- B2** 1 shield wire 2x0,25 mm².
- D** 4 wires 0,25 mm².
- E** 3 wires 0,25 mm².
- F** 2 wires 0,25 mm².

i PUBLIC ADDRESS SYSTEM **T** Wireless station phone.

INSTALLATION PROCEDURE

P-1. Equipment installation.

See OPTIONAL ACCESSORIES. _____ Page 5

P-2. Substation Room UC-104 connection (module UW-140) and peripheral modules:

Call jack UW-13

Corridor Lamp UW-11

Bathroom call module UW-14

Bathroom call cancellation UW-19

Auxiliary call device

See SUBSTATION ROOM CONNECTION DIAGRAM UC-104 - UW-11 / UW-13-UW-14 / UW-19. _____ Page 6

P-3. Independent bathroom substation UC-140 and peripheral modules:

Independent bathroom substation UW-14

Bathroom call cancellation UW-19

INDEPENDENT BATHROOM SUBSTATION CONNECTION DIAGRAM UC-140 - UW-11 - UW-19 _____ Page 7

P-4. Central station UC-102 (with UW-102 connection module) installation.

Central station UC-102 to connection module UW-102

Jumpers and micro-switches configuration

UW-18 telephone interface installation.

See CENTRAL STATION (UC-102) DIAGRAM. _____ Page 10

P-5. Power supply UW-25A installation:

See UW-25A DIAGRAM. _____ Page 13

P-6. Wiring verification with UW-G and UW-R

See VERIFICATION DIAGRAM. _____ Page 14

P-7 UC-104 end installation:

See UC-104 FINAL PROCEDURE. _____ Page 21

P-8. UC-102 basic configuration.

See UC-102 INSTRUCTIONS. _____ Page 22

P-9 UC-104 basic configuration

See UC-104 INSTRUCTIONS _____ Page 24

P-10. Presence codes _____

Page 28

P-11. Function codes for care _____

Page 29

P-12. Activity codes _____

Page 30

P-13. Exclusive system numbers

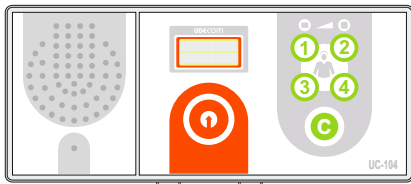
See UC-104 INSTRUCTIONS _____ Page 31

P-14. UdeConf system configuration.

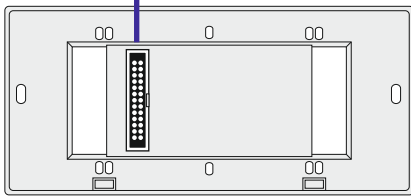
See UDECONF CONFIGURATION. _____ Page 31

P-1 EQUIPMENT INSTALLATION - UC-104 / UC-140 / UW-11 / UW-13 / UW-14 / UW-19

ROOM SUBSTATION UC-104

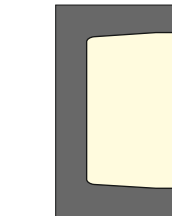
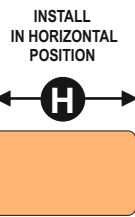


Take out the UC-104 from the UW-104.

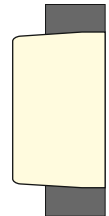


Wiring module UW-104

UC-104

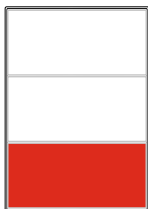


FLUSH MOUNTED
BACK BOX FOR
SOLID WALL
Ref. UDE **UW-90**



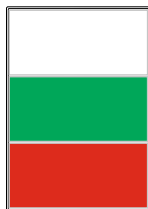
FLUSH MOUNTED
BACK BOX FOR
CAVITY WALL
UW-70

INDEPENDENT
BATHROOM
SUBSTATION
UC-140

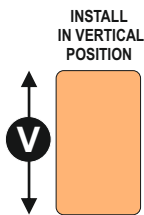


RED LIGHT MUST
BE AT THE BOTTOM

CORRIDOR
LAMP
UW-11

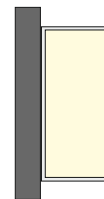


RED LIGHT MUST
BE AT THE BOTTOM

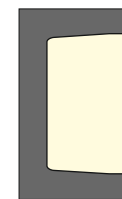


UC-140

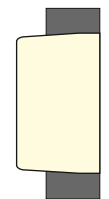
UW-11



SURFACE
BACK BOX
Ref. UDE **UW-84**

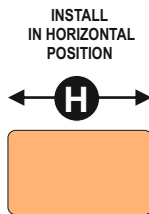
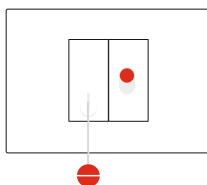


FLUSH MOUNTED
BACK BOX FOR
SOLID WALL
UW-94

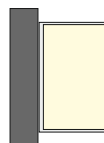


FLUSH MOUNTED
BACK BOX FOR
CAVITY WALL
UW-74

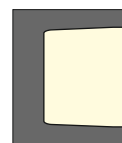
BATHROOM
CALL MODULE
UW-14



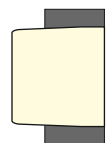
UW-14



SURFACE
BACK BOX
Ref. UDE **UW-84**

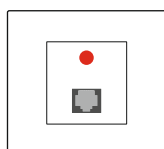


FLUSH MOUNTED
BACK BOX FOR
SOLID WALL
UW-94

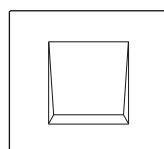


FLUSH MOUNTED
BACK BOX FOR
CAVITY WALL
UW-74

CALL JACK
UW-13



BATHROOM
CALL CANCELLATION
UW-19

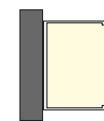


UW-13

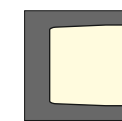
UW-19



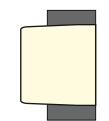
Ref. UDE **UW-82**



SURFACE
BACK BOX
Ref. UDE **UW-82**



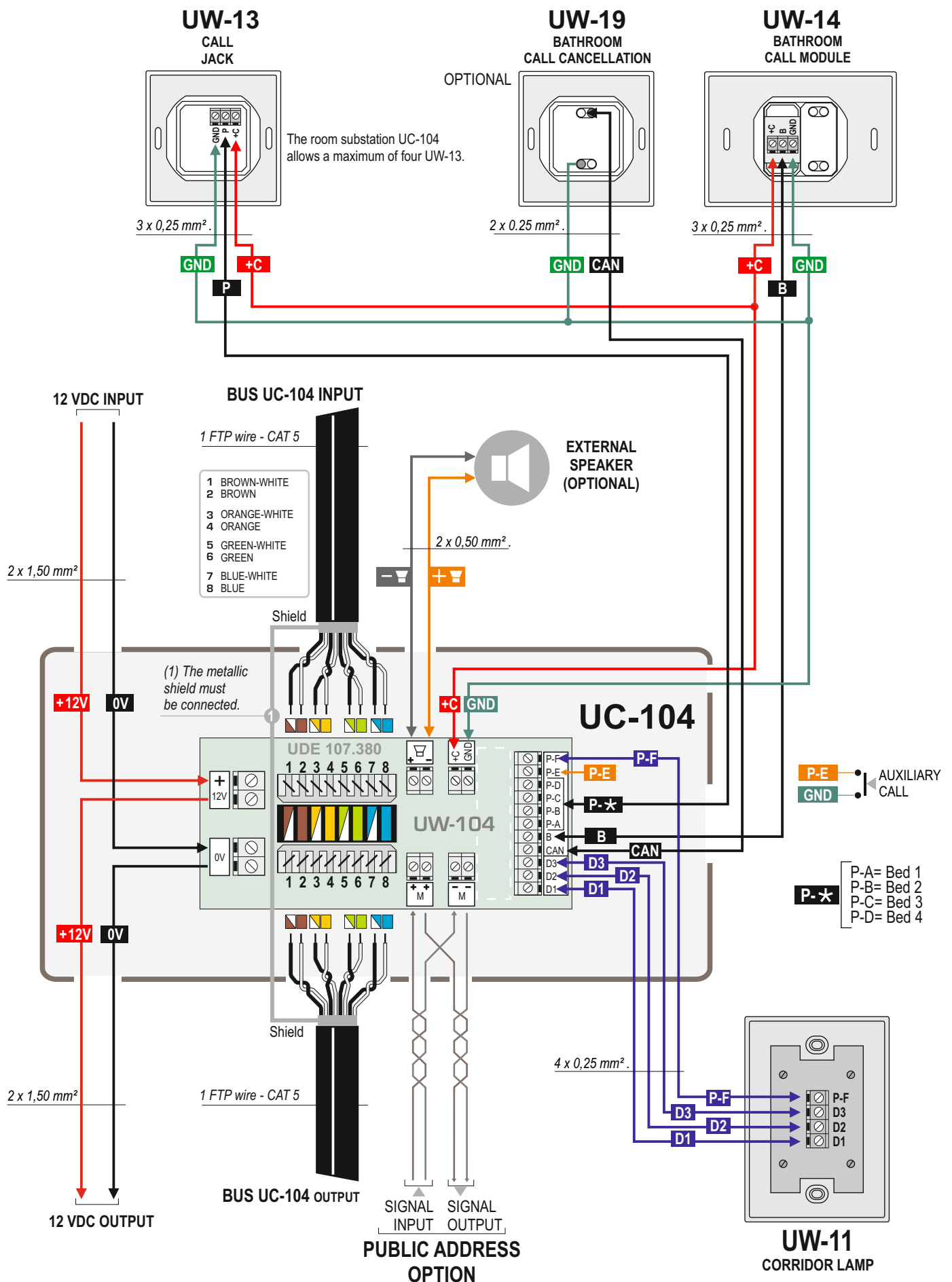
FLUSH MOUNTED
BACK BOX FOR
SOLID WALL
UW-92



FLUSH MOUNTED
BACK BOX FOR
CAVITY WALL
UW-72

P-2

SUBSTATION ROOM CONNECTION DIAGRAM UC-104 - UW-11 / UW-13 / UW-14 / UW-19

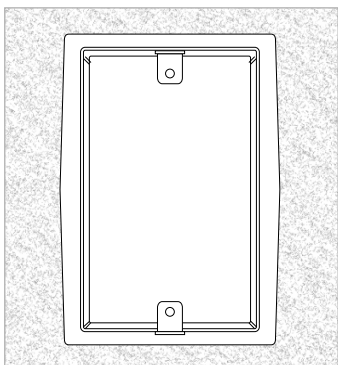


P-3

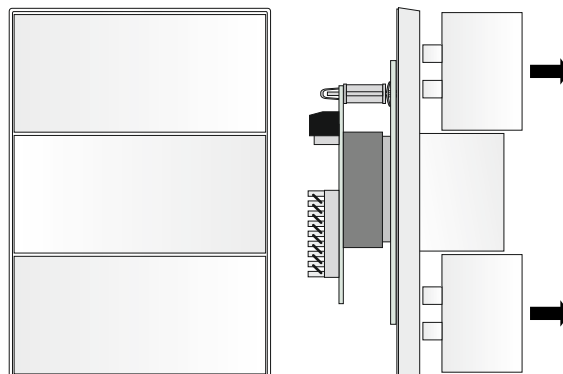
INDEPENDENT BATHROOM SUBSTATION UC-140 - INSTALLATION PROCESS

1

Flush mounted back box for solid wall: **UW-94**
 Flush mounted back box for cavity wall: **UW-74**
 Surface back box: **UW-84**

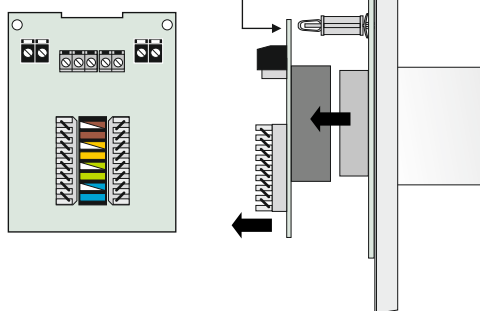


2



3

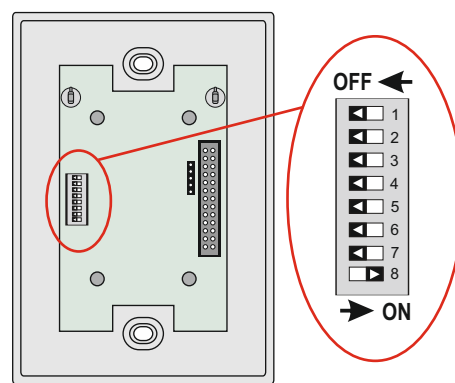
CONNECTIONS BOARD



SEE CONNECTION DIAGRAM

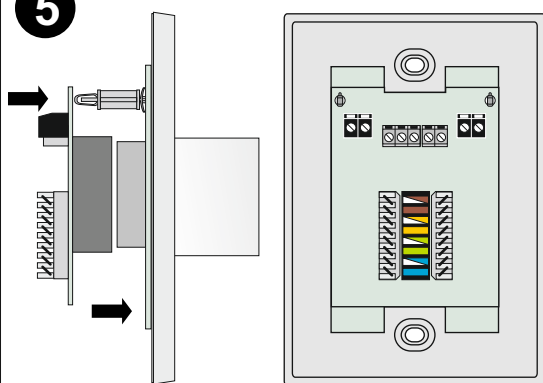
4

CONFIGURATION BOARD

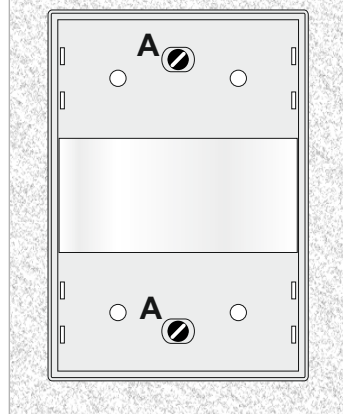


SEE SWITCH CONFIGURATION TABLE

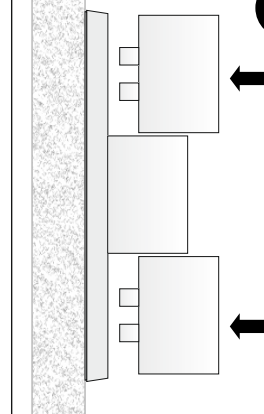
5



6



7

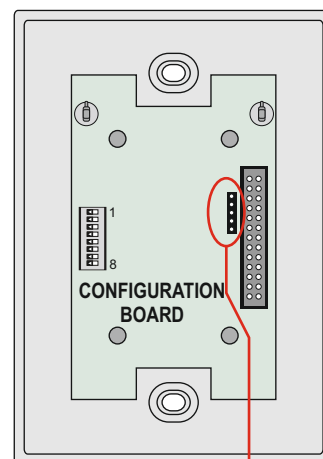
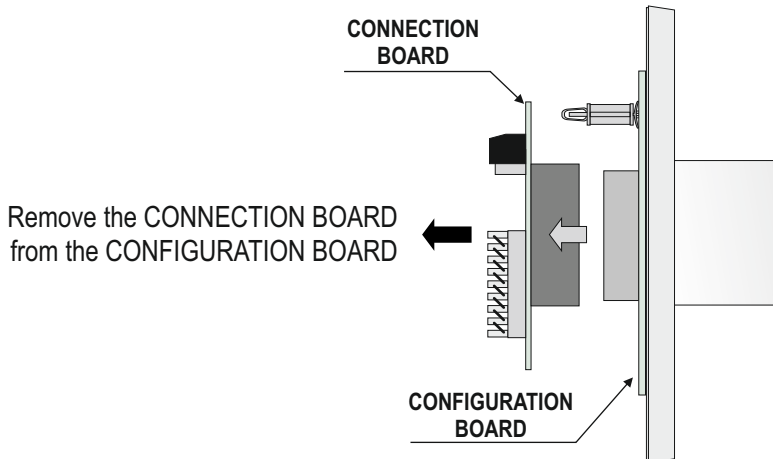


See configuration table

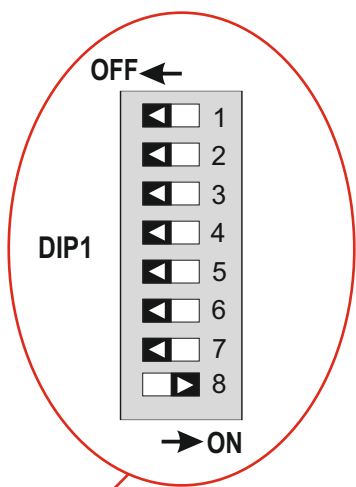
1. Install in vertical position.
2. Carefully remove the upper and lower diffusers of rear light. Leave the central diffuser in its position.
3. Remove the CONNECTION BOARD from the CONFIGURATION BOARD and after wire as is showed on the wiring diagram.
4. Configure the id system number of UC-140 Independent bathroom substation, by setting the micro switch DIP1 of CONFIGURATION BOARD.
5. Plug the CONNECTIONS BOARD to the CONFIGURATION BOARD.
6. Mount the UC-140 module in the back box, with the red light at the bottom.
 Fix the UC-140 module using the supplied screws (A)
7. Place the two diffusers.

P-3

SWITCH CONFIGURATION PROCEDURE (UC-140)

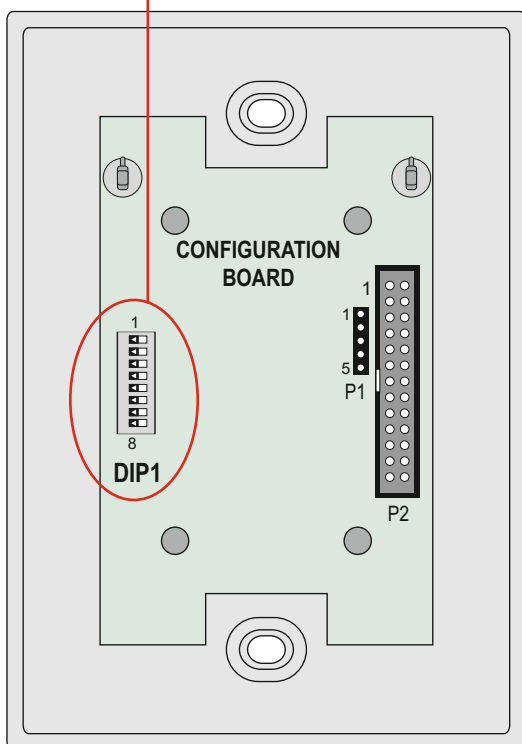


UW-T female pin header.



The UC-140 can be configured from id number **65083** to **65102** (id reserved) that will be recognized in the system as INDEPENDENT BATHROOM SUBSTATION from 1 to 20.

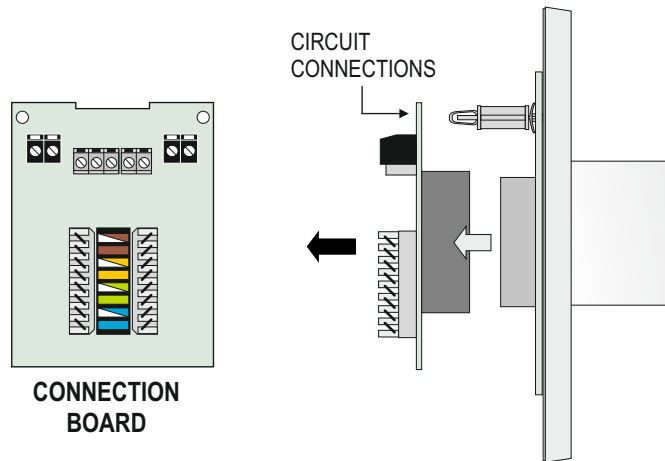
Switch the independent bathroom substation identifier using the micro switch **DIP1**.



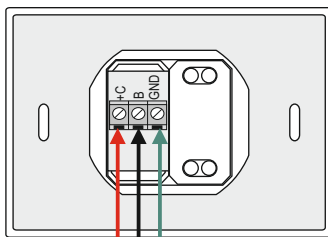
BATH N.	SWITCH POSITIONS									
	8	7	6	5	4	3	2	1		
65083	1	→	ON	ON	OFF	ON	OFF	OFF	ON	OFF
65084	2	→	ON	ON	OFF	ON	OFF	OFF	ON	ON
65085	3	→	ON	ON	OFF	ON	OFF	ON	OFF	OFF
65086	4	→	ON	ON	OFF	ON	OFF	ON	OFF	ON
65087	5	→	ON	ON	OFF	ON	OFF	ON	ON	OFF
65088	6	→	ON	ON	OFF	ON	OFF	ON	ON	ON
65089	7	→	ON	ON	OFF	ON	ON	OFF	OFF	OFF
65090	8	→	ON	ON	OFF	ON	ON	OFF	OFF	ON
65091	9	→	ON	ON	OFF	ON	ON	OFF	ON	OFF
65092	10	→	ON	ON	OFF	ON	ON	OFF	ON	ON
65093	11	→	ON	ON	OFF	ON	ON	ON	OFF	OFF
65094	12	→	ON	ON	OFF	ON	ON	ON	OFF	ON
65095	13	→	ON	ON	OFF	ON	ON	ON	ON	OFF
65096	14	→	ON	ON	OFF	ON	ON	ON	ON	ON
65097	15	→	ON	ON	ON	OFF	OFF	OFF	OFF	OFF
65098	16	→	ON	ON	ON	OFF	OFF	OFF	OFF	ON
65099	17	→	ON	ON	ON	OFF	OFF	OFF	ON	OFF
65100	18	→	ON	ON	ON	OFF	OFF	OFF	ON	ON
65101	19	→	ON	ON	ON	OFF	OFF	ON	OFF	OFF
65102	20	→	ON	ON	ON	OFF	OFF	ON	OFF	ON

P-3

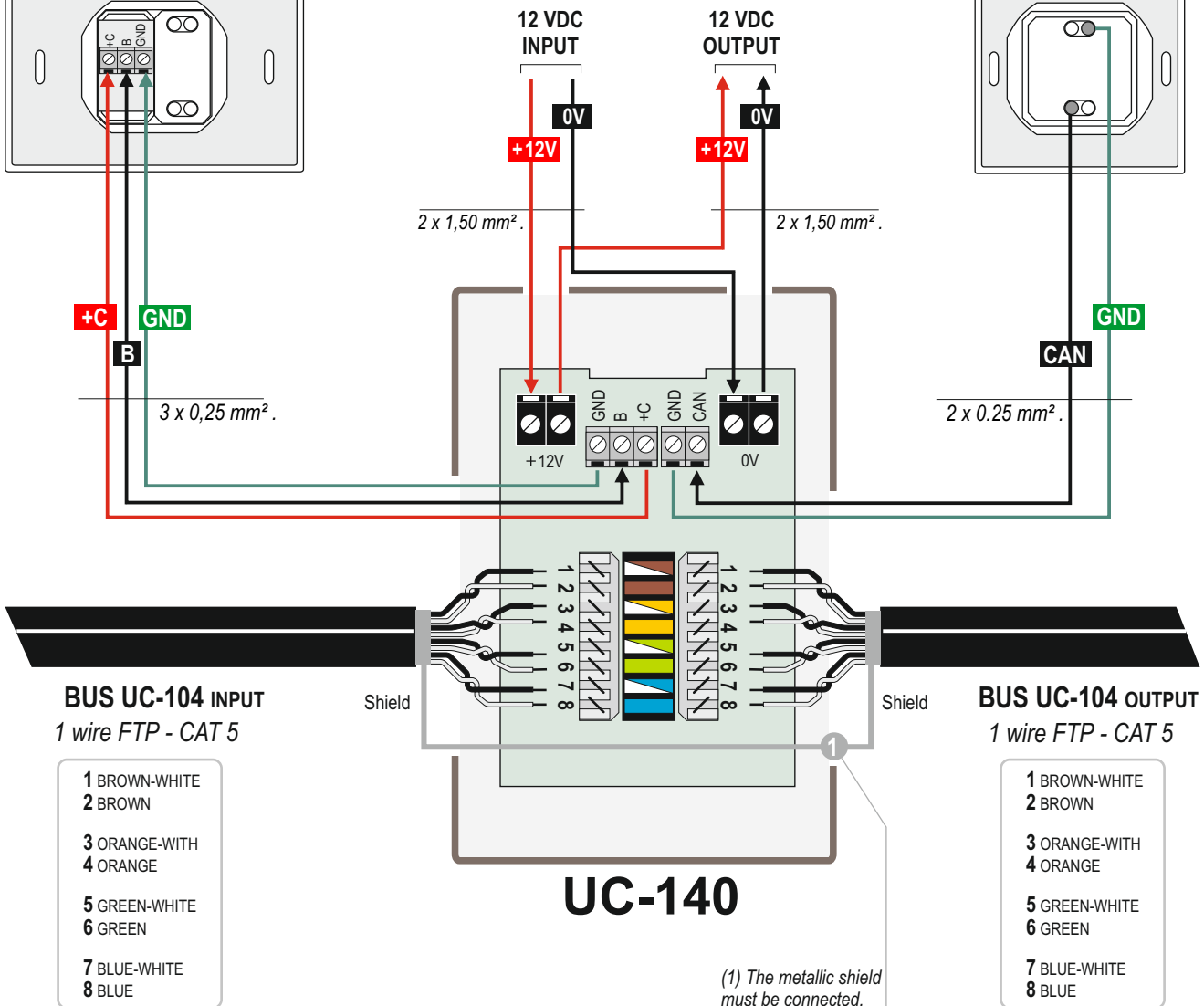
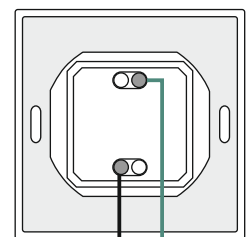
INDEPENDENT BATHROOM CONNECTION DIAGRAM UC-140 - UW-14 / UW-19



**UW-14
BATHROOM
CALL MODULE**



**UW-19
BATHROOM
CALL CANCELLATION**

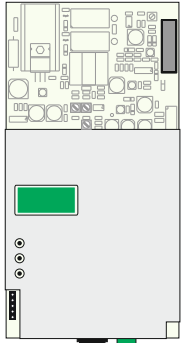


P-4

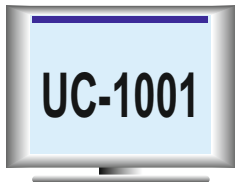
CENTRAL STATION UC-102 INSTALLATION

**OPTIONAL
MODULES**

**TELEPHONE
INTERFACE
UW-18**

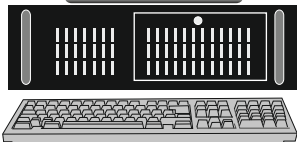


**WIRELESS
PHONE**

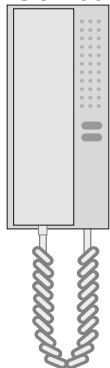


UC-1001

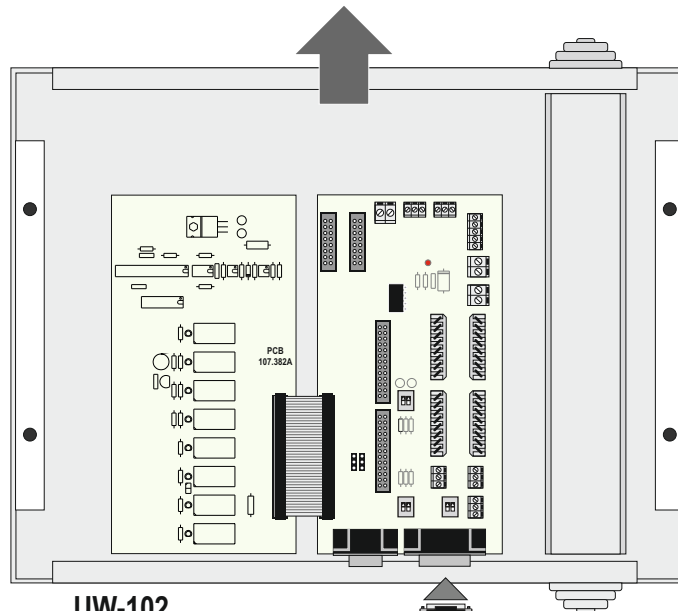
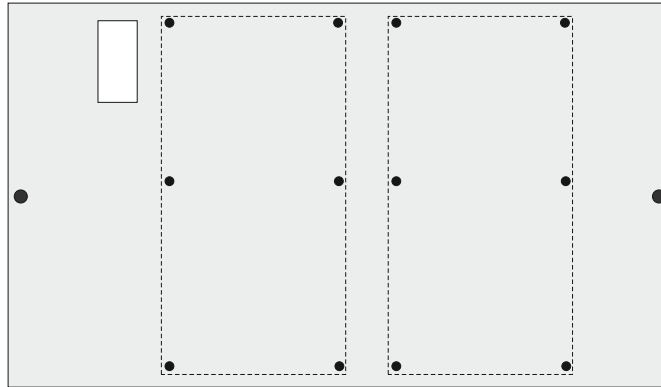
**DATA MANAGEMENT
MODULE**



**PRIVATE
TELEPHONE
UC-105**



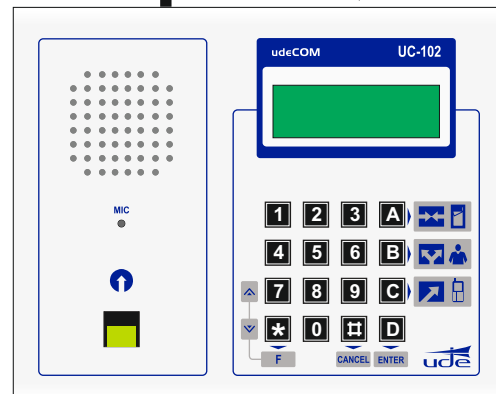
Non-conducting and mounting chassis



**UW-102
Connection module**

**CENTRAL STATION
UC-102**

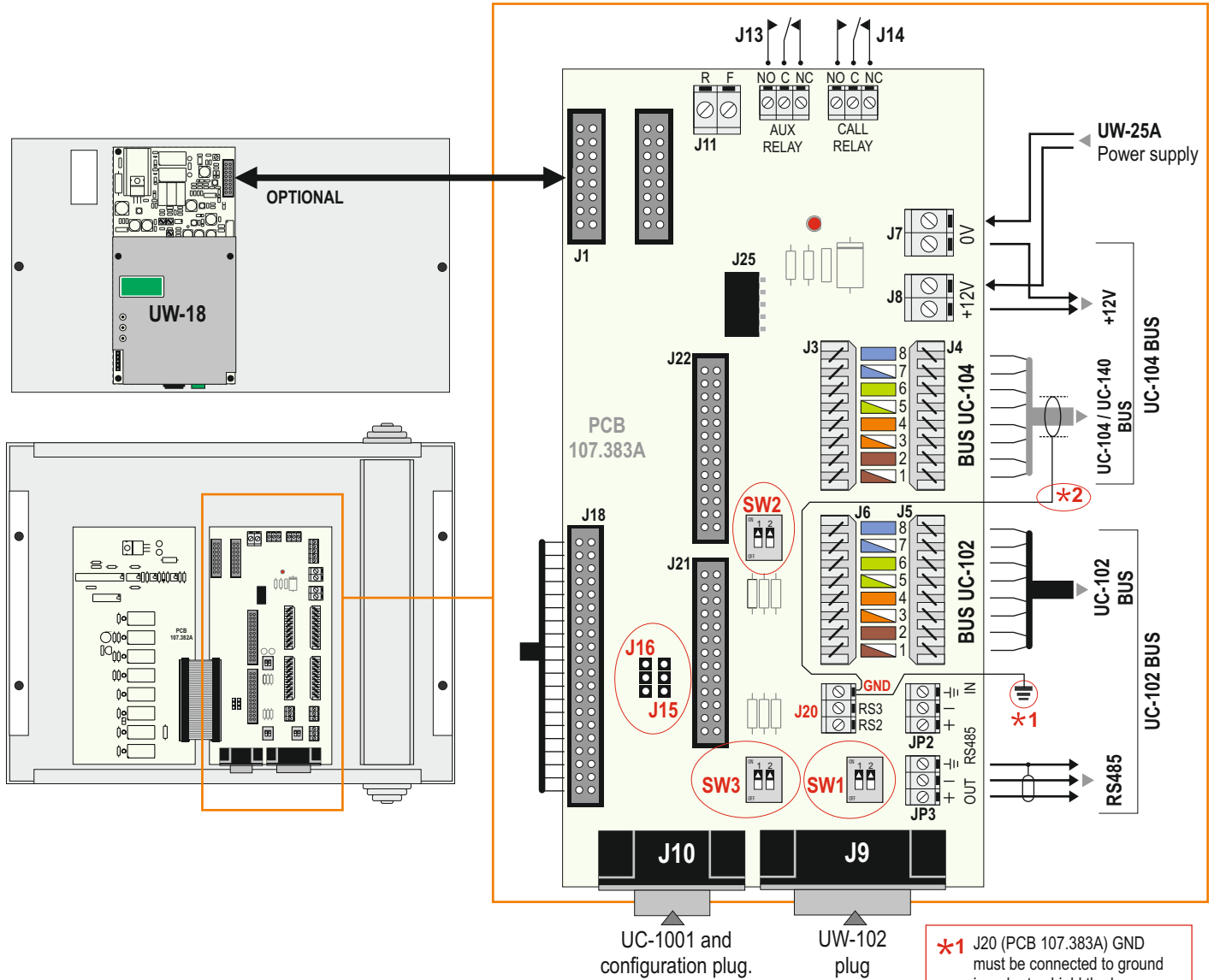
UC-105
Private telephone jack.



Central Station UC-102

P-4

JUMPERS AND MICRO-SWITCHES CONFIGURATION



- *1 J20 (PCB 107.383A) GND must be connected to ground in order to shield the bus
- *2 Connect the UC-104 bus shield to GND of J20.

- J1** UW-18 Telephone interface connector.
- J3** UC-104/UC-140 bus to the substations linked with the central station.
- J4** UC-104/UC-140 bus to the substations linked with the central station.
- J5** UC-102 bus to other central station.
- J6** UC-102 bus to other central station.
- J7** 0V from UW-25A and connected to the UC-104/UC-140 plug supply.
- J8** +12Vdc from UW-25A and connected to the UC-104/UC-140 plug supply.
- J9** UC-102 central station
- J10** UC-1001 and configuration connector.
- J13** Output control when an automatic cancellation of phone interface occurs.
- J14** Output control closed contact when exists a cue call.
- J15** RS-232 jumper bus
- J16** RS-232 jumper bus
- J18** Internal connection (do not disconnect)
- J20** Input control (not in use)
- J21** UC-102 test connector
- J22** UC-104 test connector
- J25** UW-T female connector.
- JP2** Data in RS-485 BUS for multiple central stations
- JP3** Data out RS-485 BUS for multiple central stations

CONFIGURATION

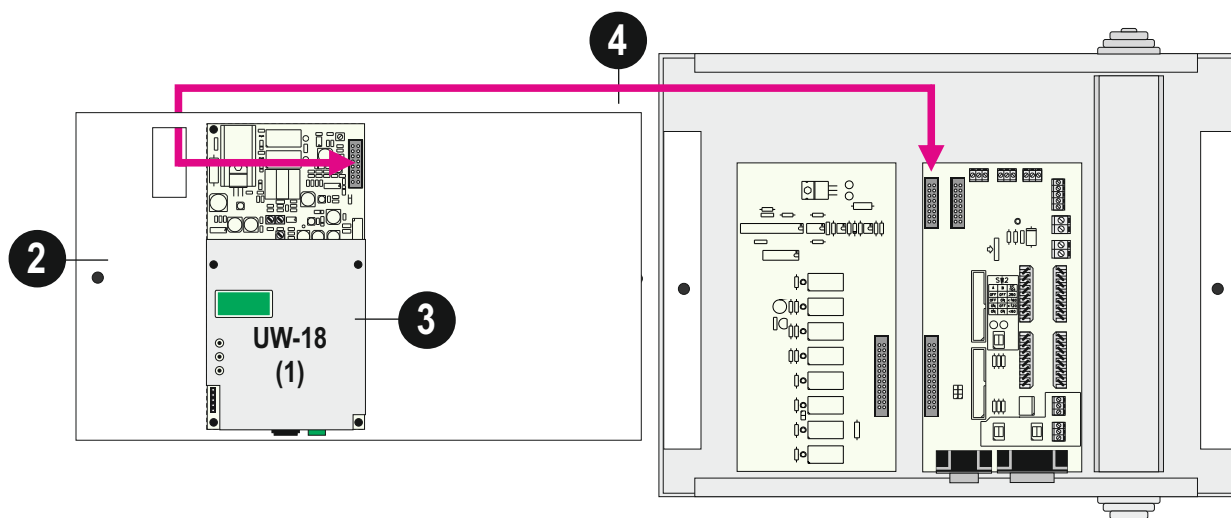
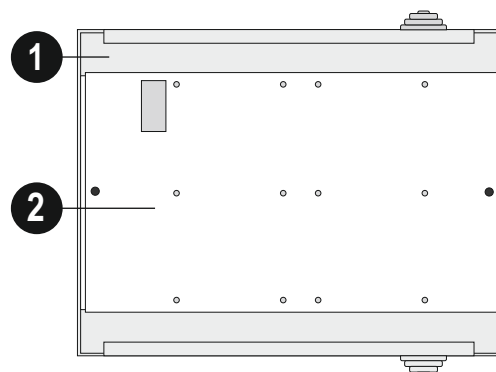
<p>SUBSTATIONS UC-104 / UC-140 CONNECTED IN THE SAME UC-104 BUS</p> <p>SW2</p> <p>ON OFF</p> <p>1 2</p> <p>1 to 60</p> <p>1 2</p> <p>61 to 120</p> <p>1 2</p> <p>121 to 180</p> <p>1 2</p> <p>180 to 250</p>	<p>MODE SELECTOR RS-232</p> <p>J16 J15</p>
<p>TEST MODE SELECTOR - RS-485</p> <p>SW3</p> <p>ON TEST OFF NORMAL</p> <p>1 2</p> <p>TEST Mode</p> <p>1 2</p> <p>NORMAL Mode</p>	<p>CENTRAL STATION POSITION INSIDE THE UC-102 BUS</p> <p>SW1</p> <p>ON EOL/FDL OFF INTERM</p> <p>1 2</p> <p>BEGINNING OR END POSITION</p> <p>1 2</p> <p>MIDDLE POSITION</p>

P-4

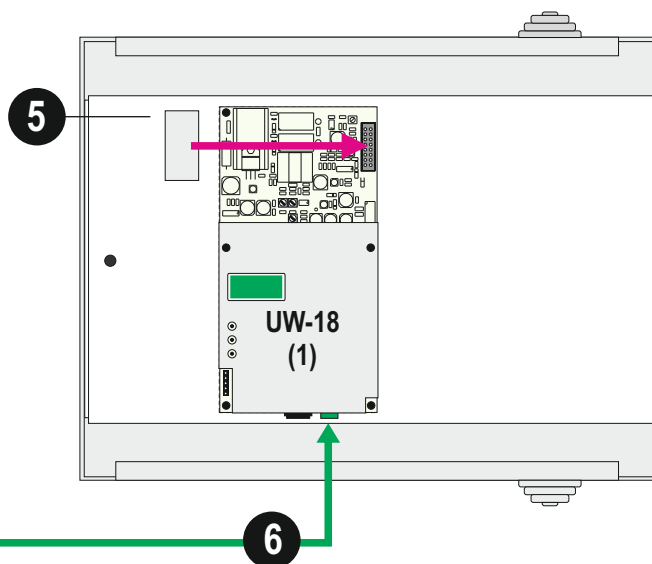
UW-18 TELEPHONE INTERFACE INSTALLATION

INSTRUCTIONS:

- 1 Remove the front cover of the UW-102.
- 2 Take out the mounting chassis
- 3 Fix mechanically the UW-18 module in the correct situation.



- 4 Connect the UW-18 to the J1 plug of the board number 107.383A
- 5 Replace the mounting chassis
- 6 The telephone system can be plugged to the UW-18.
- 7 Replace the front cover



P-5

POWER SUPPLY UW-25A DIAGRAM

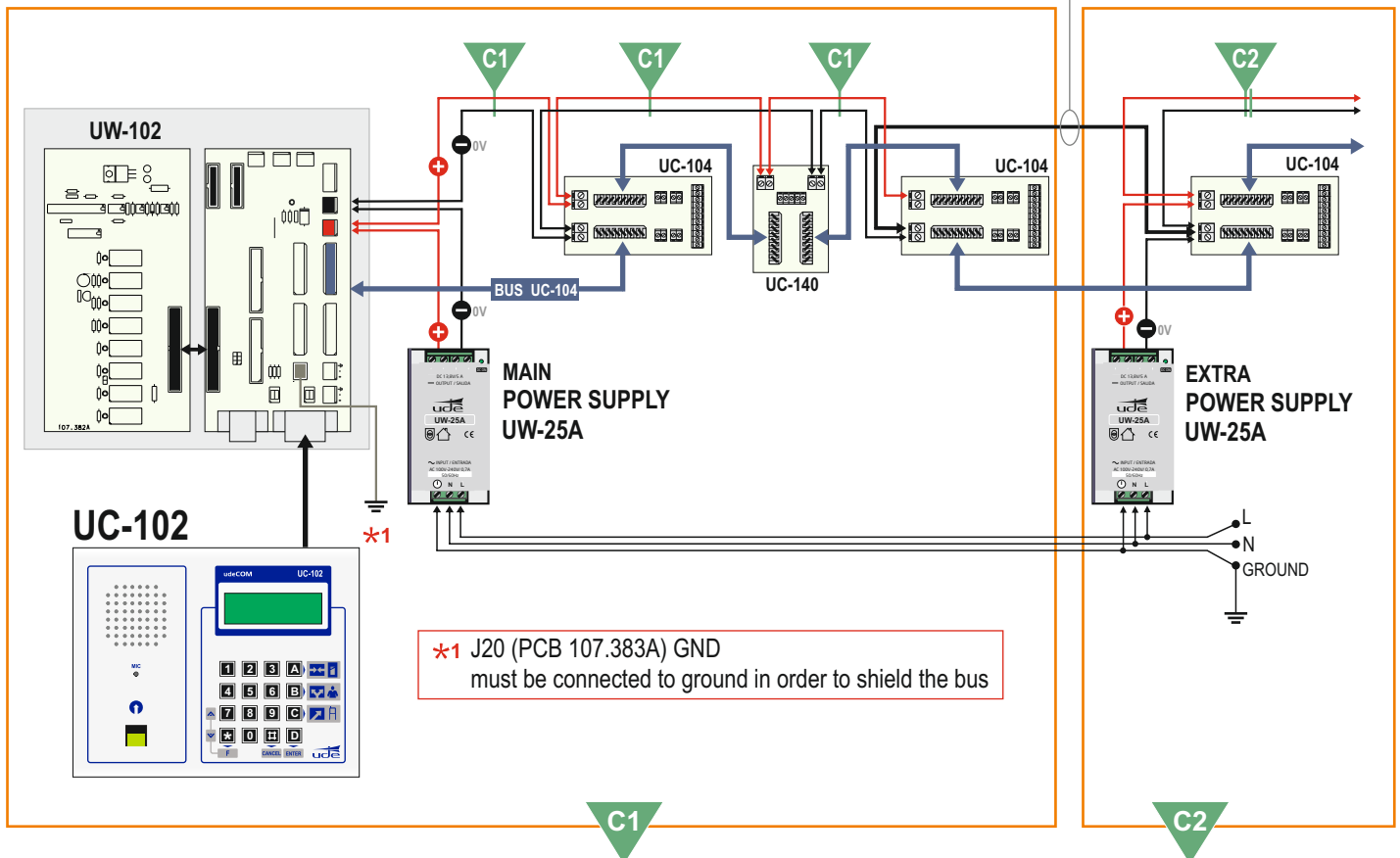
All security regulations and legal provisions will be taking into account. Installers and service personnel have had trainings and enough information of electrical circuits and equipments systems according to the standard and regulations of safety.

The power supply UW-25A should be connected to 230 VAC / 16A with ground.

IMPORTANT:

- When the installation has many power supplies it is recommended to feed it in the same AC installation.
- Do not block the cooling area of the power supply.

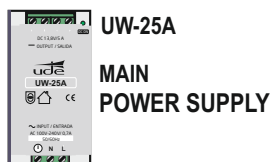
*2 When the installation has many power supplies all 0V plugs of each UW-25A must be interconnected.



*1 J20 (PCB 107.383A) GND must be connected to ground in order to shield the bus

NUMBER OF POWER SUPPLIED EQUIPMENTS		
MAIN POWER SUPPLY	INTERCOMMUNICATION	INTERCOMMUNICATION PUBLIC ADDRESS
UC-102	1	1
UW-18	1	1
UC-104 / UC-140	70	45
Max. output DC current	3,03 A	3,87 A

NUMBER OF POWER SUPPLIED EQUIPMENTS		
EXTRA POWER SUPPLY	INTERCOMMUNICATION	INTERCOMMUNICATION PUBLIC ADDRESS
UC-104 / UC-140	80	48
Max. output DC current	2,96 A	3,71 A



P-6

SYSTEM TEST

The set test is composed: UW-G (test emitter) and the UW-R (test receiver).

Disconnect all power supplies of the system

1. Next elements should be installed in the whole installation:

- Wiring connections of all UW-102.
- Wiring connections of all UW-104.
- Wiring connections of all UC-140.
- UW-11 corridor Lamp.
- UW-14 bathroom call module.
- UW-19 bathroom call cancellation.
- UW-13 Call jack.

2. Next equipments should **not** be connected:

- Module relay (107.382A)
- UW-18 telephone interface.
- UC-102 Central Station.
- UC-1001 data management module.

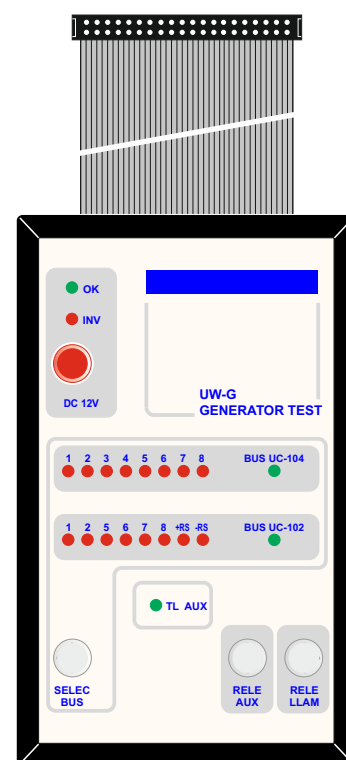
SW3 micro switches must be in “**TEST**” position and **SW1** in “**INTERM**” position.

3. The room substation UC-104 will be disconnected from the connection module UW-104

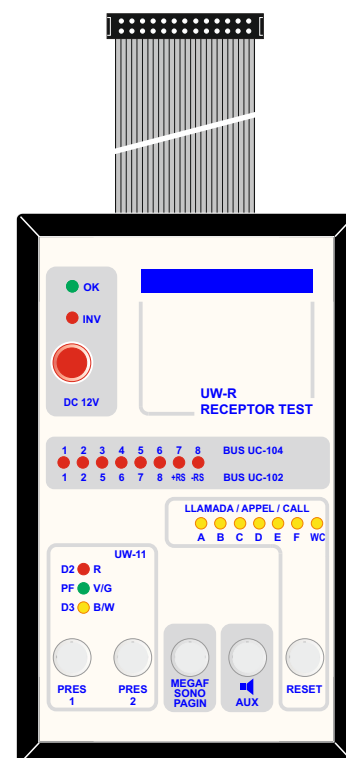
4. If the public address option has been installed. Connect a music source with signal level “headphone output” to the corresponding input of the PA module (M+, M-) that you want to try.

5. Verify with a tester there is not short circuit between two terminal “+12V” y “0V”.

6. If exists a UW-13, connect the corresponding UW-10 hand call push button.



**UW-G
TEST EMITER**

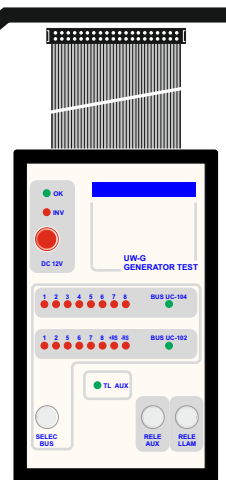
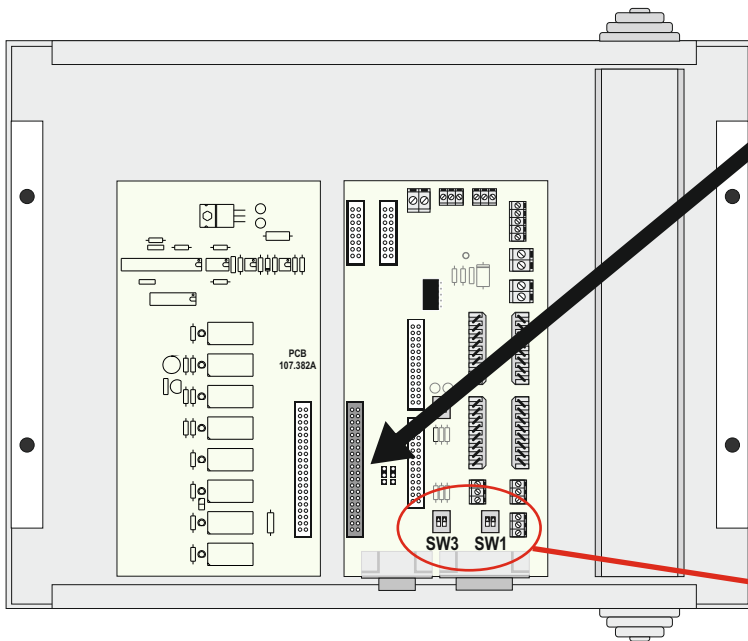


**UW-R
TEST RECEIVER**

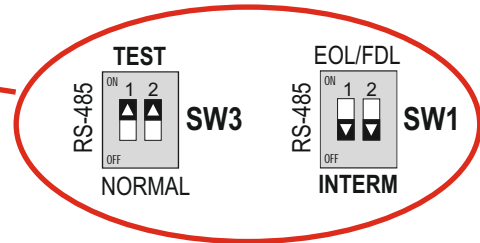
P-6

BUS UC-104 TEST AND PERIPHERALS ROOM SUBSTATION TEST

CONNECTION MODULE UW-102



**UW-G
TEST EMITTER**

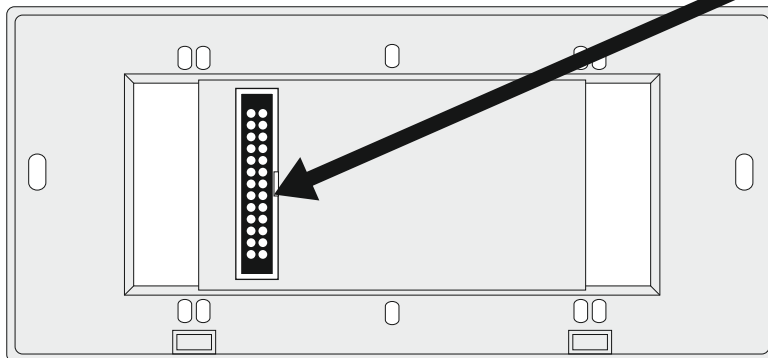


CENTRAL STATION UC-102 (1)

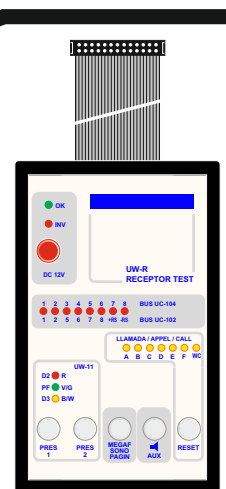
Next equipments should not be connected:

- Module relay (107.382A).
- UW-18 telephone interface.
- UC-102 central station.
- UC-1001 data management module.
- SW3 micro switches must be in "TEST" position and SW1 in "INTERM" position.

CONNECTION MODULE UW-104



ROOM SUBSTATION UC-104



**UW-R
TEST RECEIVER**

The substation room UC-104 will be disconnected from the connection module UW-104

P-6

BUS UC-104 TEST AND PERIPHERALS ROOM SUBSTATION TEST

1. Switch on the power supply of the whole system.
2. Verify with a tester there is not short circuit between two terminal "+12V" and "0V". The standard value is 13.8 VDC.
3. In the UW-102 plug the UW-G . If the power supply is inverted the "INV" indicator will switch on.
4. The rear light "1,2,3,4,5,6,7,8" will light sequentially.
5. In the room substation you want to test plug the UW-R. If the power supply is inverted, the "INV" indicator will switch on.

If nothing is working will indicate a short circuit is between terminals of any elements of the room (+C, GND, D1, etc). For security reasons exists a fuse protection.

UC-104 TEST BUS:

1. UW-G have the light sequentially: "1,2,3,4,5,6,7,8" LEDS.
2. UW-R should receive the same light sequentially in order to give information about the right UC-104 bus connection.
3. The absence of any light will indicate cut line in the bus.
4. Two or more indicators lighting at the same time, indicates short circuit between bus lines.

PERIPHERAL UC-104 TEST:

1. UW-R indicators: "A,B,C,D,E" (2), show the right connection and operation of the UW-13 call jack and UW-10 hand call push button push. Each room has a maximum number of 4 UW-13 and 4 UW-10 for room substation.
2. UW-14 bathroom call module. Pull the cord and a "WC" indicator must switch on in the UW-R. If exists a bathroom call cancellation module (UW-19), should cancel the bathroom call.

UW-11 CORRIDOR LAMP TEST:

1. Plugging the UW-R the red light must switch on.
2. Press "PRES-1" on UW-R to commute to the white light.
3. Press "PRES-2" on UW-R to commute to the green light..

PA TEST:

1. PA test needs the connection of a music source with signal level "headphone output" to the corresponding input of the PA module (M+, M-).
2. Push "MEGAF" in order to hear the same music source with the internal loudspeaker of UW-R.I

EXTERNAL LOUDSPEAKER TEST:

1. External loudspeaker test needs the connection of a music source with signal level "headphone output" to the corresponding input of the PA module (M+, M-).
2. Press "ALT AUX" and the external loudspeaker must play an audible tone.

Informartion: Some of the elements could not be installed.

This procedure could be done in all UC-104 room substation.

UW-102 function test

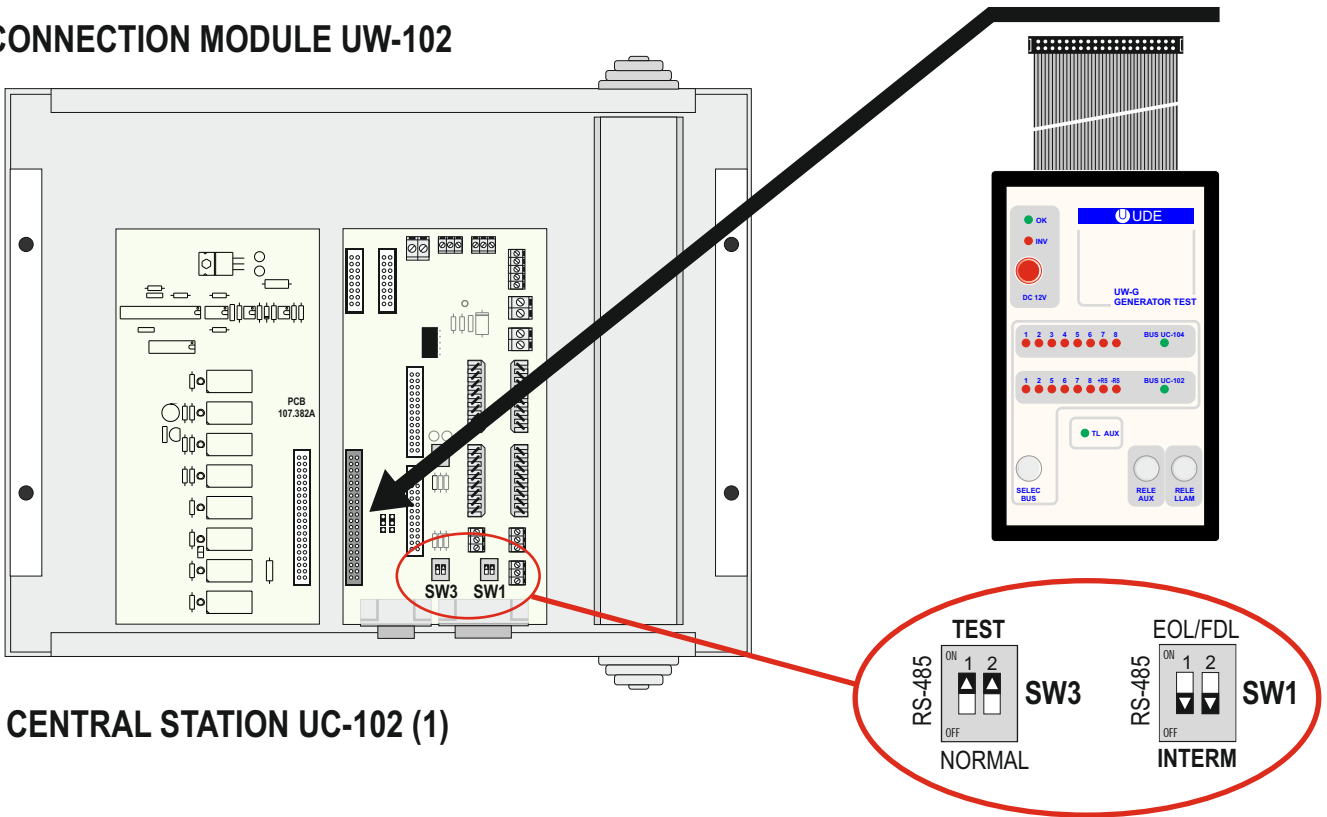
Through test emitter UW-G is possible verify an output control with RELE AUX and RELE LLAM. As well as check the right UC-102 bus connection.

When UDECOM system has more than one central station, the procedure above described can be repeated in every UC-

P-6

BUS UC-104 TEST AND PERIPHERALS ROOM SUBSTATION TEST

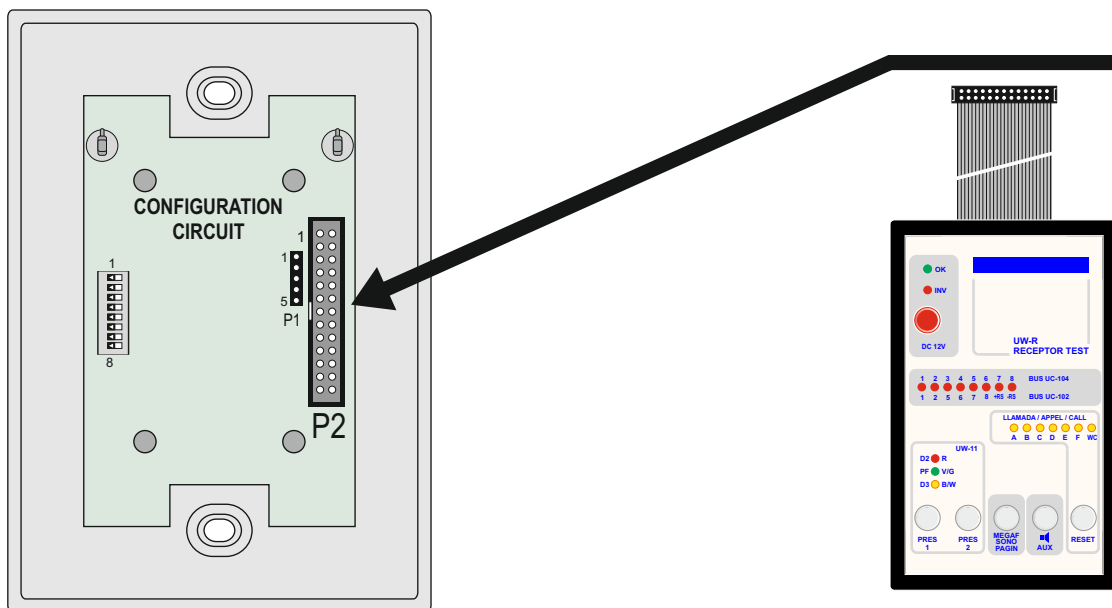
CONNECTION MODULE UW-102



CENTRAL STATION UC-102 (1)

Next equipments should not be connected:

- Module relay (107.382A)
- UW-18 telephone interface
- UC-102 central station.
- UC-1001 data management module.
- SW3 micro switches must be in **"TEST"** position and **SW1** in **"INTERM"** position.



UC-140

INDEPENDENT BATHROOM SUBSTATION

P-6

BUS UC-104 TEST AND INDEPENDENT BATHROOM SUBSTATION TEST.

1. Switch on the power supply of the whole system.
2. Verify with a tester there is not short circuit between two terminal "+12V" y "0V". The standard value is 13.8Vdc
3. In the UW-102 plug the **UW-G**. If the power supply is inverted the "**INV**" indicator will switch on.
4. The rear light "**1,2,3,4,5,6,7,8**" will lights sequentially.
5. In the independent bathroom substation you want to test plug the UW-R. If the power supply is inverted, the "**INV**" indicator will switch on.
If nothing is working will indicate a short circuit is between terminals of any elements of the room (+C, GND).

In this case take into account that in the connection plate UW-140 has a protection fuse (FT-1).

UC-104 test bus:

1. UW-G have the light sequentially: "1,2,3,4,5,6,7,8" LEDS.
2. UW-R should receive the same light sequentially in order to give information about the right UC-140 bus connection.
3. The absence of any light will indicate cut line in the bus.
4. 1. Two or more indicators lighting at the same time, indicates short circuit between bus lines.

Peripheral modules test:

1. UW-14 bathroom call module. Pull the cord and a "**WC**" indicator must switch on in the UW-R. Push the call cancellation module (UW-19) in order to switch off the "**WC**" indicator.

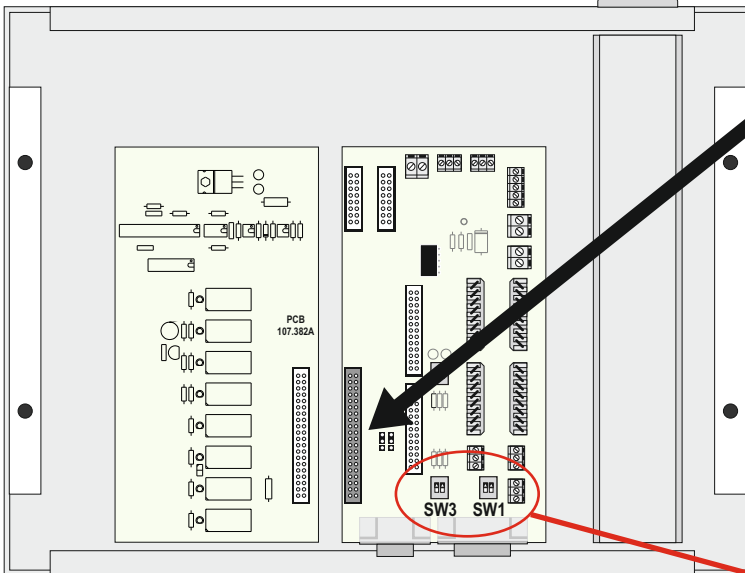
UW-11 corridor lamp test:

1. Plugging the UW-R the red light must switch on.
2. Press "**PRES-1**" on UW-R to commute to the white light.
3. Press "**PRES-2**" on UW-R to commute to the green light.

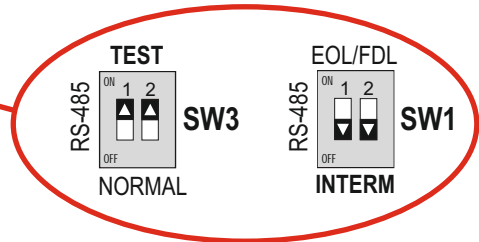
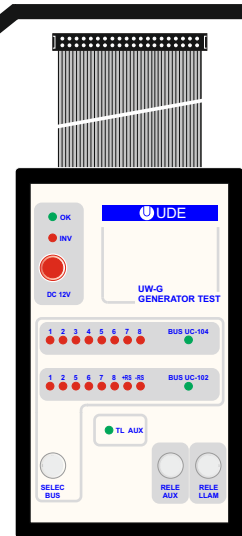
P-6

BUS UC-102 TEST

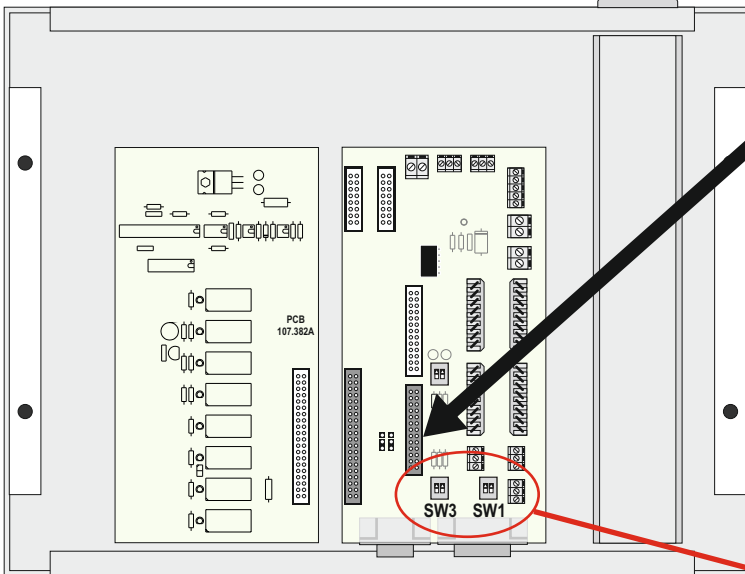
CONNECTION MODULE UW-102



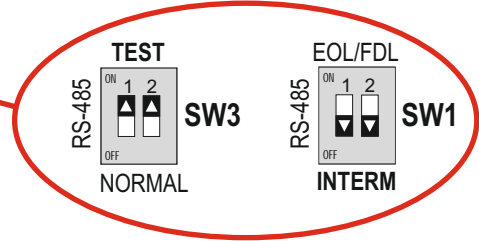
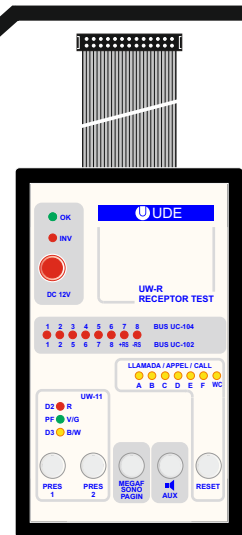
CENTRAL STATION UC-102 (1)



CONNECTION MODULE UW-102



CENTRAL STATION UC-102 (2)



P-6

BUS UC-102 TEST

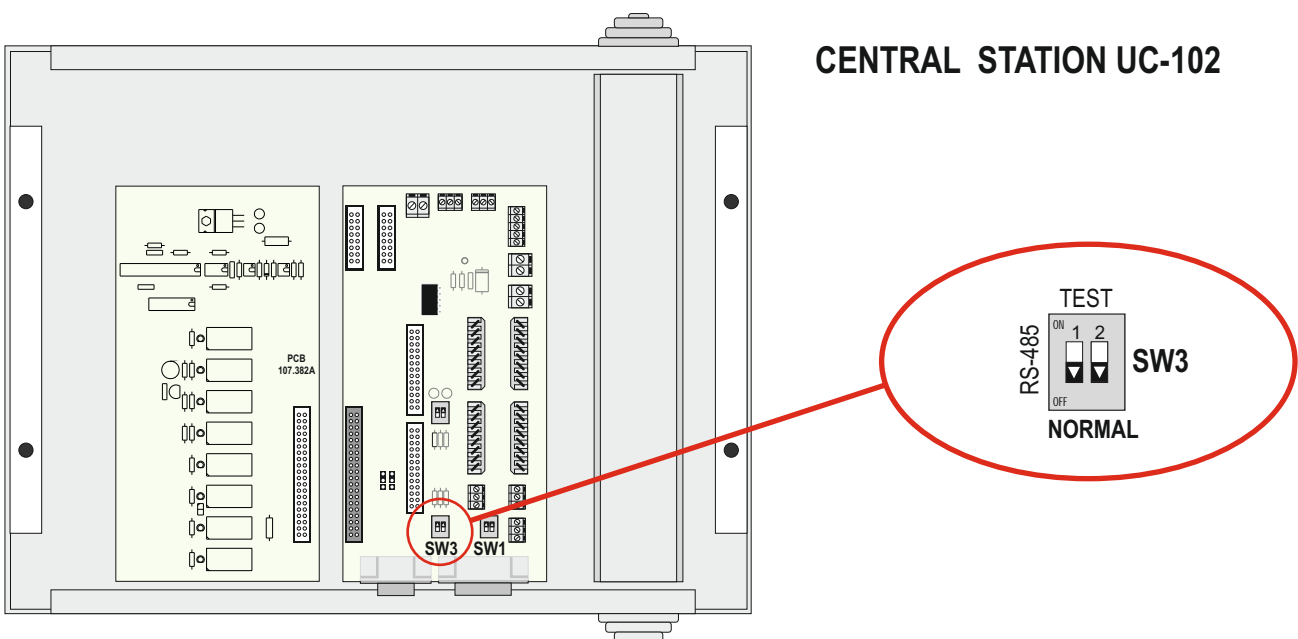
This could be done when the Udecom system had more than one UC-102.

1. Switch off the power supply of the whole system.
2. Unplugged the ribbon cable and plug the test receiver UW-R into (J18) on board 107.383A of the central station number one.
3. Plug the test receiver UW-R into “TEST BUS UC-102” (J21) on board 107.383A of the central station number two.
4. Switch on the power supply of the whole system.
5. Start the test emitter UW-G and select “BUS UC-102”
The pilots “1,2,5,6,7,8,+RS,-RS” will light sequentially.
6. In the test receiver UW-R connected to the desk’s panel UC-102 number two, the pilots “1,2,5,6,7,8,+RS,-RS” will light sequentially similar as generator test indicators.

UC-102 bus test

1. UW-R should receive the same light sequentially in order to give information about the right UC-102 bus connection.
2. The absence of any light will indicate cut line in the bus.
3. Two or more indicators lighting at the same time, indicates short circuit between bus lines.

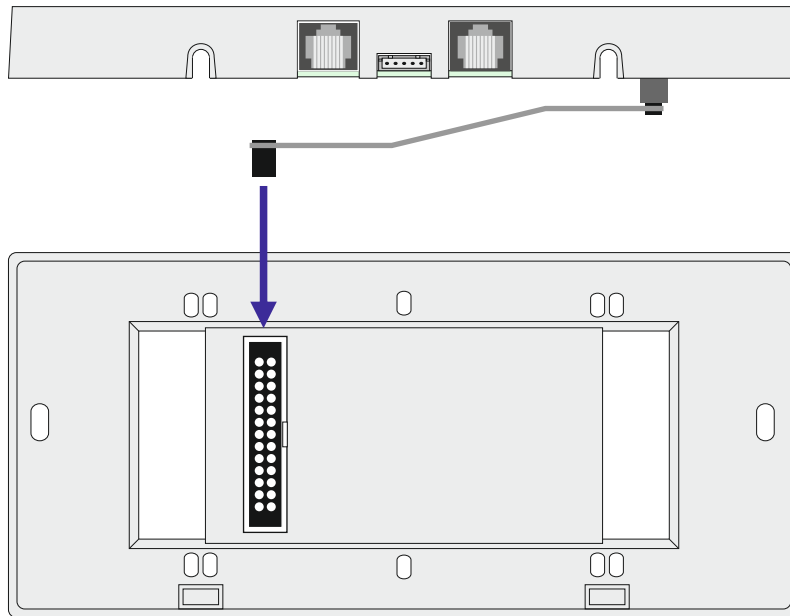
DISCONNECT THE TEST EMITTER UW-G AND TEST RECEIVER UW-R ONCE THE PROCESS IS FINALIZED
Switch **SW3** in **NORMAL** position in all control station UC-102 and insert all disconnected ribbon cable to its operational position.



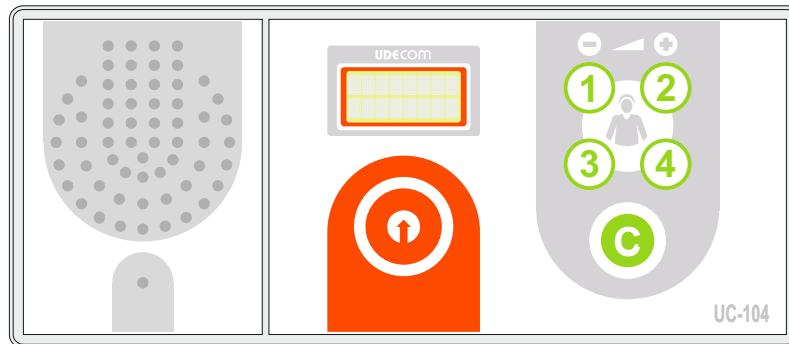
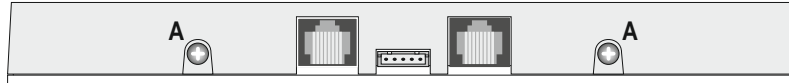
P-7

UC-104 END INSTALLATION

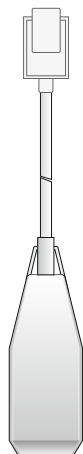
Fix the UC-104 to the UW-104.



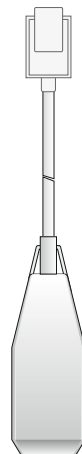
Put the cover in its position and fix it with two screws A.



HAND CALL
PUSH BUTTON
UW-10



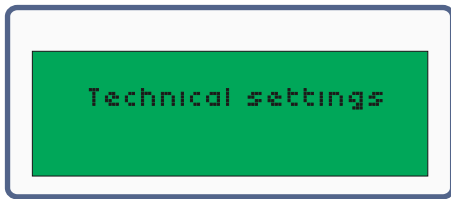
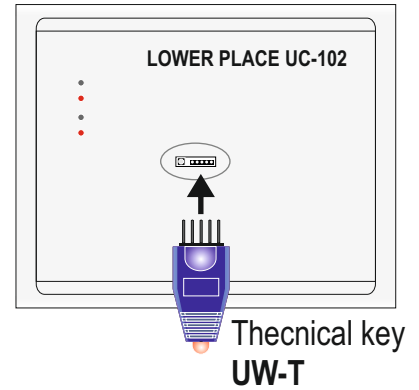
HAND CALL
PUSH BUTTON
UW-10



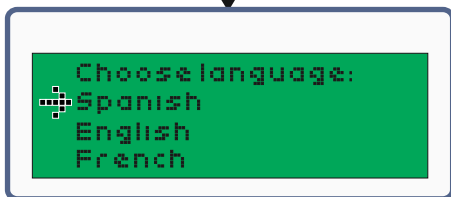
P-8

UC-102 BASIC CONFIGURATION

The first system configuration must be all the UC-102 central station in the all system.



On the bottom part of a central station UC-102 is possible to Plug the UW-T t and begin with technical mode procedure. UW-T will light if the system recognizes the technical key.

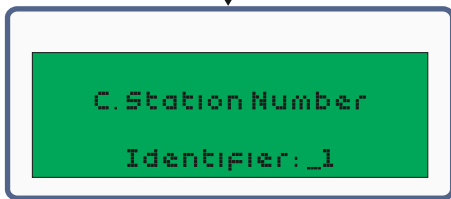


Language selection:

Choose the desired central station language, pushing the navigation buttons up or down.



Press D (Enter) to confirm. **D** ENTER



Central station identifier:

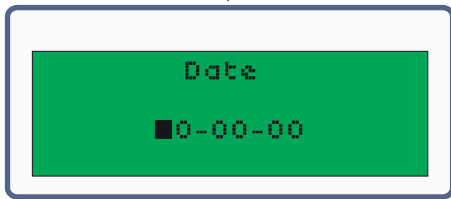
Each central station must have a unique identifier in the whole system from 1 to 14.

Default assigned number: 1

To enter a new number press # Cancel. **#** CANCEL

Introduce the new identifier number using the numeric keyboard.

Press D (Enter) to confirm. **D** ENTER



Set Date:

Change the internal date.

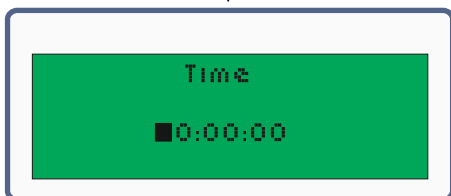
Introduce the day / month / year using the numeric keyboard.

Press D "Enter" to confirm. **D** ENTER

Use # Cancel to re-enter a new value. **#** CANCEL

The date format is: dd-mm-yy.

Press D "Enter" to confirm. **D** ENTER



Set Time:

Change the internal time.

Introduce the hour / minute / seconds using the numeric keyboard.

Press D "Enter" to confirm. **D** ENTER

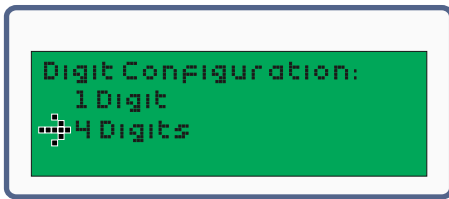
Use # Cancel to re-enter a new value. **#** CANCEL

The date format is: hh-mm-ss.

Press D "Enter" to confirm. **D** ENTER

P-8

UC-102 BASIC CONFIGURATION



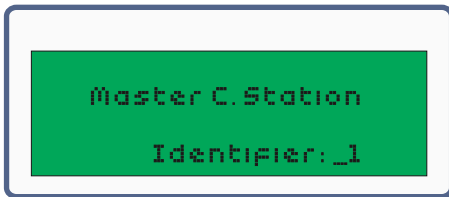
Presence digit configuration: 1 or 4 digits

Choose the desired option, pushing the navigation buttons up or down.



Press D (Enter) to confirm. **D** ENTER

It should match with selected option in the room substation UC-104. Default value: **4 digits**.



Master central station:

The UC-102 master is the system's central station in which will be connected the data management module UC-1001 (optional).

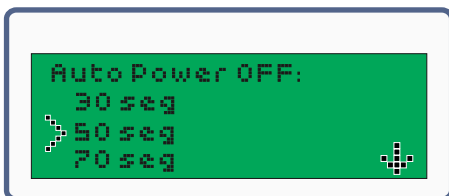
Only one central station could be master in each system. Enter the identifier number of the master UC-102 in all central station of the system.

Default assigned the number: 1

Use # Cancel to re-enter a new value. **#** CANCEL

Introduce the new identifier using the numeric keyboard.

Press D (Enter) to confirm. **D** ENTER



Auto Power Off:

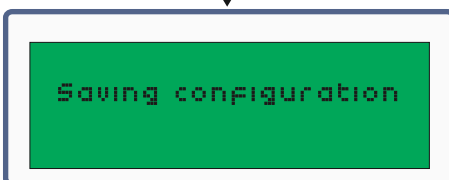
Auto power off is inactivity countdown for automatic conversation release.

Default value: **50 seconds**.

Choose the desired option, pushing the navigation buttons up or down.

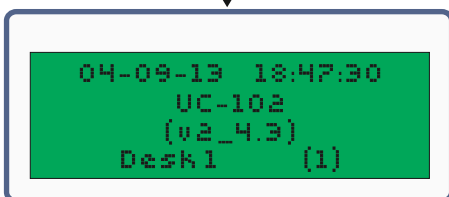


Press D (Enter) to confirm. **D** ENTER



Saving configuration:

All configurations will be saved in an internal memory.



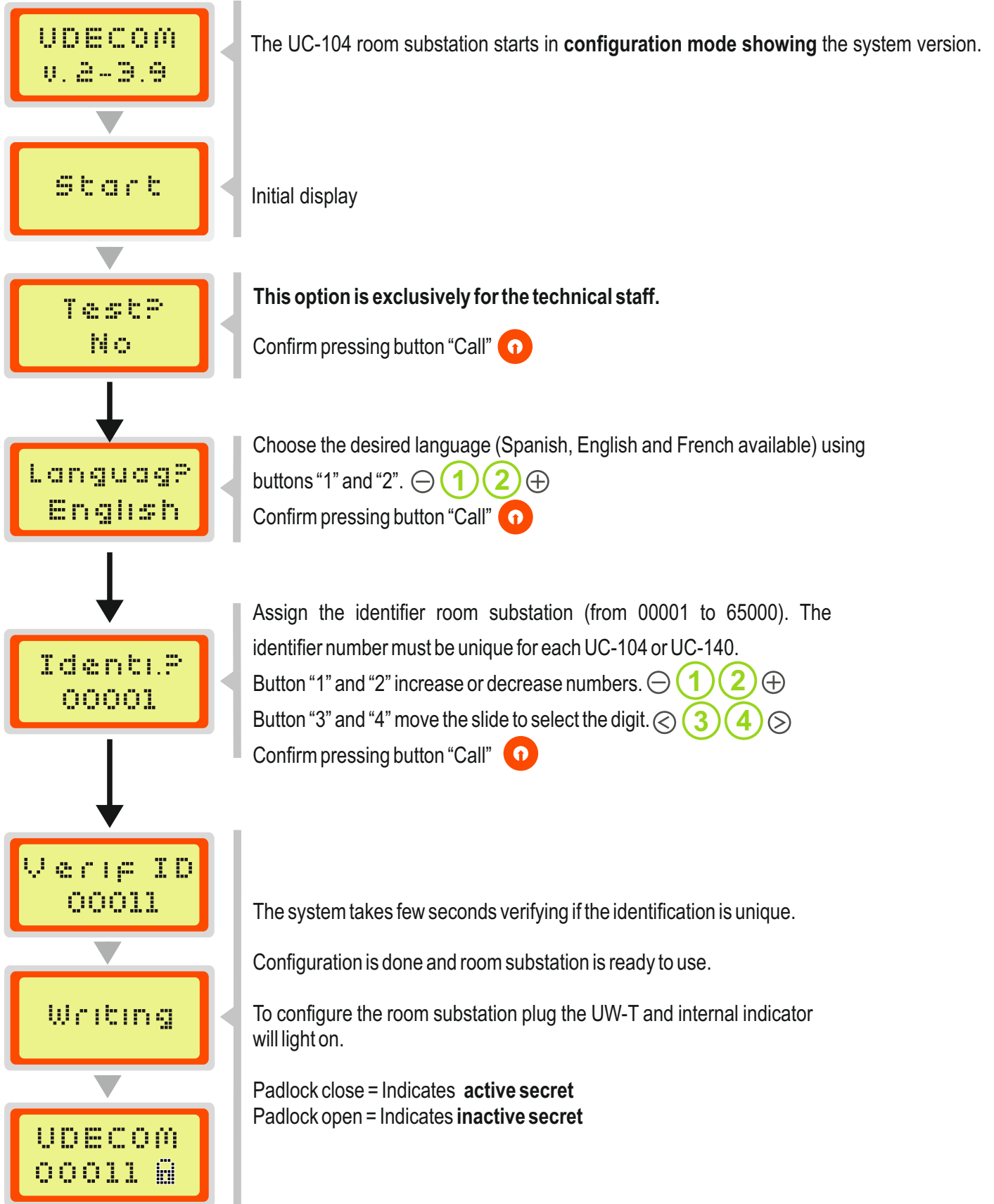
After the technical mode configuration the display will stay in standby.

Once made the **BASIC CONFIGURATION**, the system works in a restricted mode. The basic features will be: make and receive calls. For advanced features the system have to be **configured in advanced** mode.

P-9

UC-104 BASIC CONFIGURATION

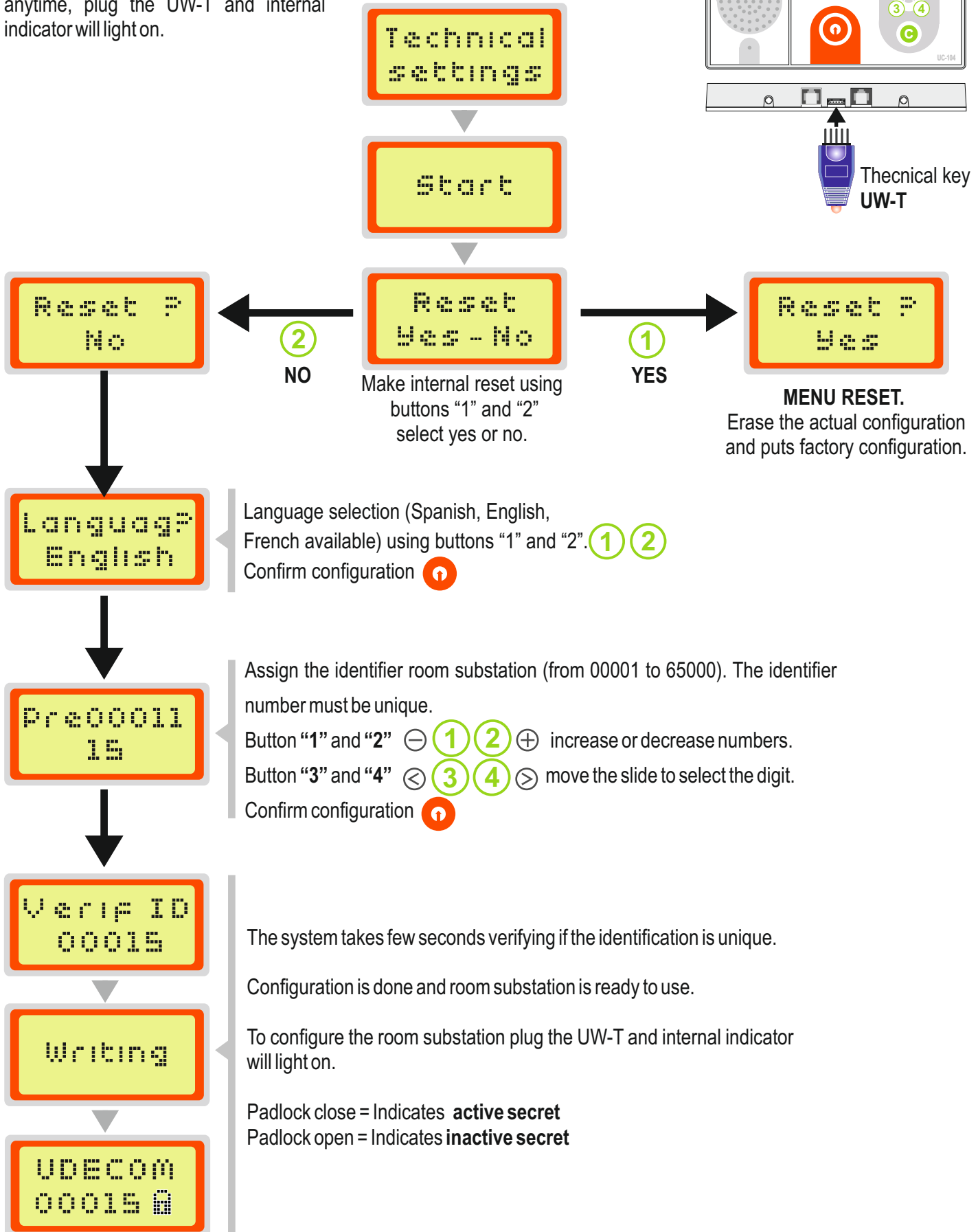
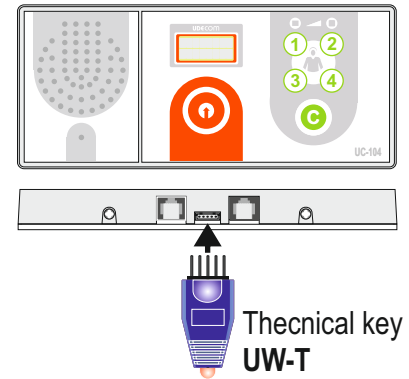
All room substations must be connected with all peripheral modules.



P-9

UC-104 CONFIGURATION IN TECHNICAL MODE

To configure the room substation anytime, plug the UW-T and internal indicator will light on.



P-9

UC-104 CONFIGURATION IN TECHNICAL MODE

Swap?
2-1

Swap the UW-10 hand call push button name in the UC-104, configure using buttons "1" and "2" ① ②
 "1-2" Bed 1 = left connector, bed 2 = right connector
 "2-1" Bed 1 = right connector, bed 2 = left connector
 Default value: 1-2
 Confirm configuration

Secret
Yes

Yes mode the secret is always active.
 Code: the personal can be activated or deactivated through a code, change using buttons "1" and "2". ① ②
Yes - The secret can be activated/ deactivated through "CC44".
No - Cannot be activated/ deactivated with "CC44".
 Default value: **Yes**

APoint.
50sec

Auto power off is the inactivity countdown for automatic conversation release. Configure using buttons "1" and "2" ① ②
 Options: Off-30-50-70-90 seconds
 Default value: 50 sec.
 Confirm configuration

Npres?
4 digit

Presence code: 1-4 digits
 Configure using buttons "1" and "2". ① ②
 Default value: 4.
 Confirm configuration

Presence code: 4 digits
 The range code goes from "1111" to "4444".
 If this function is enabled, the system will recognize the healthcare professional that makes the presence and will log it on the system.

Presence code: 1 digit
 The presence code goes from "1" to "4".
 If this function is enabled, the system will not admit activity codes.

See ANNEX 1 and 2.
Important: All Udecom equipments should have the same presence code (1 or 4 digits)

Log?
No

Log. Configuration
 Not available function.
 Default value: **No**
 Confirm configuration

P-9

UC-104 CONFIGURATION IN TECHNICAL MODE

Gr Light?
Yes

Yes = UW-11 green light works.
No = All presences only activate the UW-11 white color light.
Default value: **Yes**

Test
lamp yes

UW-11 corridor lamp test
Yes: All 3 colors switch on..
Default value: **No**.

Buttons

Push button test:
-Keyboard buttons test.
-Push button for calling test.
-Bath and cancellation test.
The display will show all information

Buttons
1

Push button ①

Buttons
2

Push button ②

Buttons
3

Push button ③

Buttons
4

Push button ④

Buttons
Call

Push button ①

Buttons
Cancel

Push button ③

Buttons
Bed1

Hand call push button 1

Buttons
Bed2

Hand call push button 2

Note 1: If you want modify only some settings, once record the interest data, is possible finish the configuration process without need to finish whole process.

Take out the technical key UW-T anytime ①

Writing

Pull Out
UW-T

Once the **TEST** process is over, the display prompts: "Retire the technical key (UW-T)"
Configuration is done and room substation is ready to use.

UDECOM
00015

Padlock close = Indicates **activated secret**.
Padlock open = Indicates **inactive secret**.

P-10

PRESENCE CODE

PRESENCE CODE (UC-104 ROOM SUBSTATION)

The person from the hospital staff that enters a room to attend a patient introduces a 4-digit code on the UC-104 room substation that will identify him/her in the system.

Code	Presence	Code	Presence	Code	Presence	Code	Presence	Code	Presence
1111	Doctor 1	1421	Nurse 33	2331	Assistant Nurse 45	3242	Assistant Nurse 98	4213	Assistant Nurse 151
1112	Doctor 2	1422	Nurse 34	2332	Assistant Nurse 46	3243	Assistant Nurse 99	4214	Assistant Nurse 152
1113	Doctor 3	1423	Nurse 35	2333	Assistant Nurse 47	3244	Assistant Nurse 100	4221	Assistant Nurse 153
1114	Doctor 4	1424	Nurse 36	2334	Assistant Nurse 48	3311	Assistant Nurse 101	4222	Assistant Nurse 154
1121	Doctor 5	1431	Nurse 37	2341	Assistant Nurse 49	3312	Assistant Nurse 102	4223	Assistant Nurse 155
1122	Doctor 6	1432	Nurse 38	2342	Assistant Nurse 50	3313	Assistant Nurse 103	4224	Assistant Nurse 156
1123	Doctor 7	1433	Nurse 39	2343	Assistant Nurse 51	3314	Assistant Nurse 104	4231	Assistant Nurse 157
1124	Doctor 8	1434	Nurse 40	2344	Assistant Nurse 52	3321	Assistant Nurse 105	4232	Assistant Nurse 158
1131	Doctor 9			2411	Assistant Nurse 53	3322	Assistant Nurse 106	4233	Assistant Nurse 159
1132	Doctor 10	1441	Assistant Nurse 1	2412	Assistant Nurse 54	3323	Assistant Nurse 107	4234	Assistant Nurse 160
1133	Doctor 11	1442	Assistant Nurse 2	2413	Assistant Nurse 55	3324	Assistant Nurse 108	4241	Assistant Nurse 161
1134	Doctor 12	1443	Assistant Nurse 3	2414	Assistant Nurse 56	3331	Assistant Nurse 109	4242	Assistant Nurse 162
1141	Doctor 13	1444	Assistant Nurse 4	2421	Assistant Nurse 57	3332	Assistant Nurse 110	4243	Assistant Nurse 163
1142	Doctor 14	2111	Assistant Nurse 5	2422	Assistant Nurse 58	3333	Assistant Nurse 111	4244	Assistant Nurse 164
1143	Doctor 15	2112	Assistant Nurse 6	2423	Assistant Nurse 59	3334	Assistant Nurse 112	4311	Assistant Nurse 165
1144	Doctor 16	2113	Assistant Nurse 7	2424	Assistant Nurse 60	3341	Assistant Nurse 113	4312	Assistant Nurse 166
1211	Doctor 17	2114	Assistant Nurse 8	2431	Assistant Nurse 61	3342	Assistant Nurse 114	4313	Assistant Nurse 167
1212	Doctor 18	2121	Assistant Nurse 9	2432	Assistant Nurse 62	3343	Assistant Nurse 115	4314	Assistant Nurse 168
1213	Doctor 19	2122	Assistant Nurse 10	2433	Assistant Nurse 63	3344	Assistant Nurse 116	4321	Assistant Nurse 169
1214	Doctor 20	2123	Assistant Nurse 11	2434	Assistant Nurse 64	3411	Assistant Nurse 117	4322	Assistant Nurse 170
		2124	Assistant Nurse 12	2441	Assistant Nurse 65	3412	Assistant Nurse 118		
1221	Nurse 1	2131	Assistant Nurse 13	2442	Assistant Nurse 66	3413	Assistant Nurse 119	4323	Physiotherapist 1
1222	Nurse 2	2132	Assistant Nurse 14	2443	Assistant Nurse 67	3414	Assistant Nurse 120	4324	Physiotherapist 2
1223	Nurse 3	2133	Assistant Nurse 15	2444	Assistant Nurse 68	3421	Assistant Nurse 121	4331	Physiotherapist 3
1224	Nurse 4	2134	Assistant Nurse 16	3111	Assistant Nurse 69	3422	Assistant Nurse 122	4332	Physiotherapist 4
1231	Nurse 5	2141	Assistant Nurse 17	3112	Assistant Nurse 70	3423	Assistant Nurse 123	4333	Physiotherapist 5
1232	Nurse 6	2142	Assistant Nurse 18	3113	Assistant Nurse 71	3424	Assistant Nurse 124		
1233	Nurse 7	2143	Assistant Nurse 19	3114	Assistant Nurse 72	3431	Assistant Nurse 125	4334	Entertainment staff 1
1234	Nurse 8	2144	Assistant Nurse 20	3121	Assistant Nurse 73	3432	Assistant Nurse 126	4341	Entertainment staff 2
1241	Nurse 9	2211	Assistant Nurse 21	3122	Assistant Nurse 74	3433	Assistant Nurse 127	4342	Entertainment staff 3
1242	Nurse 10	2212	Assistant Nurse 22	3123	Assistant Nurse 75	3434	Assistant Nurse 128	4343	Entertainment staff 4
1243	Nurse 11	2213	Assistant Nurse 23	3124	Assistant Nurse 76	3441	Assistant Nurse 129	4344	Entertainment staff 5
1244	Nurse 12	2214	Assistant Nurse 24	3131	Assistant Nurse 77	3442	Assistant Nurse 130		
1311	Nurse 13	2221	Assistant Nurse 25	3132	Assistant Nurse 78	3443	Assistant Nurse 131	4411	Maintenance staff 1
1312	Nurse 14	2222	Assistant Nurse 26	3133	Assistant Nurse 79	3444	Assistant Nurse 132	4412	Maintenance staff 2
1313	Nurse 15	2223	Assistant Nurse 27	3134	Assistant Nurse 80	4111	Assistant Nurse 133	4413	Maintenance staff 3
1314	Nurse 16	2224	Assistant Nurse 28	3141	Assistant Nurse 81	4112	Assistant Nurse 134	4414	Maintenance staff 4
1321	Nurse 17	2231	Assistant Nurse 29	3142	Assistant Nurse 82	4113	Assistant Nurse 135	4421	Maintenance staff 5
1322	Nurse 18	2232	Assistant Nurse 30	3143	Assistant Nurse 83	4114	Assistant Nurse 136		
1323	Nurse 19	2233	Assistant Nurse 31	3144	Assistant Nurse 84	4121	Assistant Nurse 137	4422	Cleaning staff 1
1324	Nurse 20	2234	Assistant Nurse 32	3211	Assistant Nurse 85	4122	Assistant Nurse 138	4423	Cleaning staff 2
1331	Nurse 21	2241	Assistant Nurse 33	3212	Assistant Nurse 86	4123	Assistant Nurse 139	4424	Cleaning staff 3
1332	Nurse 22	2242	Assistant Nurse 34	3213	Assistant Nurse 87	4124	Assistant Nurse 140	4431	Cleaning staff 4
1333	Nurse 23	2243	Assistant Nurse 35	3214	Assistant Nurse 88	4131	Assistant Nurse 141	4432	Cleaning staff 5
1334	Nurse 24	2244	Assistant Nurse 36	3221	Assistant Nurse 89	4132	Assistant Nurse 142	4433	Cleaning staff 6
1341	Nurse 25	2311	Assistant Nurse 37	3222	Assistant Nurse 90	4133	Assistant Nurse 143	4434	Cleaning staff 7
1342	Nurse 26	2312	Assistant Nurse 38	3223	Assistant Nurse 91	4134	Assistant Nurse 144		
1343	Nurse 27	2313	Assistant Nurse 39	3224	Assistant Nurse 92	4141	Assistant Nurse 145	4441	Assistant 1
1344	Nurse 28	2314	Assistant Nurse 40	3231	Assistant Nurse 93	4142	Assistant Nurse 146	4442	Assistant 2
1411	Nurse 29	2321	Assistant Nurse 41	3232	Assistant Nurse 94	4143	Assistant Nurse 147	4443	Assistant 3
1412	Nurse 30	2322	Assistant Nurse 42	3233	Assistant Nurse 95	4144	Assistant Nurse 148	4444	Assistant 4
1413	Nurse 31	2323	Assistant Nurse 43	3234	Assistant Nurse 96	4211	Assistant Nurse 149		
1414	Nurse 32	2324	Assistant Nurse 44	3241	Assistant Nurse 97	4212	Assistant Nurse 150		

P-11

FUNCTION CODES

CODE	FUNCTION:	VALUE	+	-
"C"	SOFTWARE VERSION	V2-3.9		
"CC11"	PA VOLUME	3 - 7	"2"	"1"
"CC12"	INTERCOM VOLUME	3 - 7	"2"	"1"
"CC13"	RING TONE	3 - 7	"2"	"1"
"CC14"	PRESENCE VOLUME	0 - 7	"2"	"1"
"CC21"	MUSIC VOLUME	0 - 7	"2"	"1"
"CC44"	DISABLED SECRET (Note 1)	SI - NO	"2"	"1"
	Sound's volume of a call forwarded to a room	3 - 7	"2"	"1"

P-12

ACTIVITY CODES

ACTIVITY CODE

Once the presence code is entered on the UC-104 room substation, the staff can enter an additional 2-digit code (activity code), that identifies the activity carried out in the room.

Each of the following groups has 16 possible activities.

ACTIVITY CODES FOR DOCTORS		
Code UC-104	Code UC-1001	Activity
11	10	Emergency
12	11	Round
13	12	Admission
14	13	Doctor's activity 4
21	14	Doctor's activity 5
22	15	Doctor's activity 6
23	16	Doctor's activity 7
24	17	Doctor's activity 8
31	18	Doctor's activity 9
32	19	Doctor's activity 10
33	20	Doctor's activity 11
34	21	Doctor's activity 12
41	22	Doctor's activity 13
42	23	Doctor's activity 14
43	24	Doctor's activity 15
44	25	Doctor's activity 16

ACTIVITY CODES FOR ASSISTANT NURSE		
Code UC-104	Code UC-1001	Activity
11	42	Bathroom emergency
12	43	Room emergency
13	44	Shower
14	45	Round
21	46	Diaper change
22	47	Position change
23	48	Medication
24	49	Bed Pan
31	50	Moisturizing hygiene
32	51	Hydration
33	52	Breakfast
34	53	Lunch
41	54	Afternoon snack
42	55	Dinner
43	56	After dinner
44	57	Change of sheets

ACTIVITY CODES FOR ASSISTANT NURSE		
Code UC-104	Code UC-1001	Activity
11	26	Emergency
12	27	Bathroom fall
13	28	Room fall
14	29	Caring for injuries
21	30	Breakfast medication
22	31	Lunch medication
23	32	Dinner medication
24	33	Extra medication
31	34	Vital signs
32	35	Nurse activity 10
33	36	Nurse activity 11
34	37	Nurse activity 12
41	38	Nurse activity 13
42	39	Nurse activity 14
43	40	Nurse activity 15
44	41	Nurse activity 16

ACTIVITY CODES FOR PHYSIOTHERAPIST		
Code UC-104	Code UC-1001	Activity
11	58	Passive mobility
12	59	Active mobility
13	60	Massage
14	61	Physiotherapy breathing
21	62	Physiotherapy activity 5
22	63	Physiotherapy activity 6
23	64	Physiotherapy activity 7
24	65	Physiotherapy activity 8
31	66	Physiotherapy activity 9
32	67	Physiotherapy activity 10
33	68	Physiotherapy activity 11
34	69	Physiotherapy activity 12
41	70	Physiotherapy activity 13
42	71	Physiotherapy activity 14
43	72	Physiotherapy activity 15
44	73	Physiotherapy activity 16

P-12

ACTIVITY CODES

ACTIVITY CODES FOR ENTERTAINMENT		
Code UC-104	Code UC-1001	Activity
11	74	Entertainment activity 1
12	75	Entertainment activity 2
13	76	Entertainment activity 3
14	77	Entertainment activity 4
21	78	Entertainment activity 5
22	79	Entertainment activity 6
23	80	Entertainment activity 7
24	81	Entertainment activity 8
31	82	Entertainment activity 9
32	83	Entertainment activity 10
33	84	Entertainment activity 11
34	85	Entertainment activity 12
41	86	Entertainment activity 13
42	87	Entertainment activity 14
43	88	Entertainment activity 15
44	89	Entertainment activity 16

ACTIVITY CODES FOR CLEANING		
Code UC-104	Code UC-1001	Activity
11	106	Urgent cleaning
12	107	Room cleaning
13	108	Bathroom full cleanig
14	109	Room full cleanig
21	110	Clothes checking
22	111	Clothes collecting
23	112	Glasses cleaning
24	113	Cleaning activity 8
31	114	Cleaning activity 9
32	115	Cleaning activity 10
33	116	Cleaning activity 11
34	117	Cleaning activity 12
41	118	Cleaning activity 13
42	119	Cleaning activity 14
43	120	Cleaning activity 15
44	121	Cleaning activity 16

ACTIVITY CODES FOR MAINTENANCE		
Code UC-104	Code UC-1001	Activity
11	90	Water breakdown
12	91	Light fault
13	92	Lock damage
14	93	Paint
21	94	Furniture
22	95	Technical assistance
23	96	Legionellosis
24	97	Maintenance activity 8
31	98	Maintenance activity 9
32	99	Maintenance activity 10
33	100	Maintenance activity 11
34	101	Maintenance activity 12
41	102	Maintenance activity 13
42	103	Maintenance activity 14
43	104	Maintenance activity 15
44	105	Maintenance activity 16

ACTIVITY CODES FOR ASSISTANT		
Code UC-104	Code UC-1001	Activity
11	122	Assistant activity 1
12	123	Assistant activity 2
13	124	Assistant activity 3
14	125	Assistant activity 4
21	126	Assistant activity 5
22	127	Assistant activity 6
23	128	Auxiliary activity 7
24	129	Assistant activity 8
31	130	Assistant activity 9
32	131	Assistant activity 10
33	132	Assistant activity 11
34	133	Assistant activity 12
41	134	Assistant activity 13
42	135	Assistant activity 14
43	136	Assistant activity 15
44	137	Assistant activity 16

P-13

EXCLUSIVE SYSTEM NUMBERS

NUMBERS FOR UC-104 ROOM SUBSTATIONS

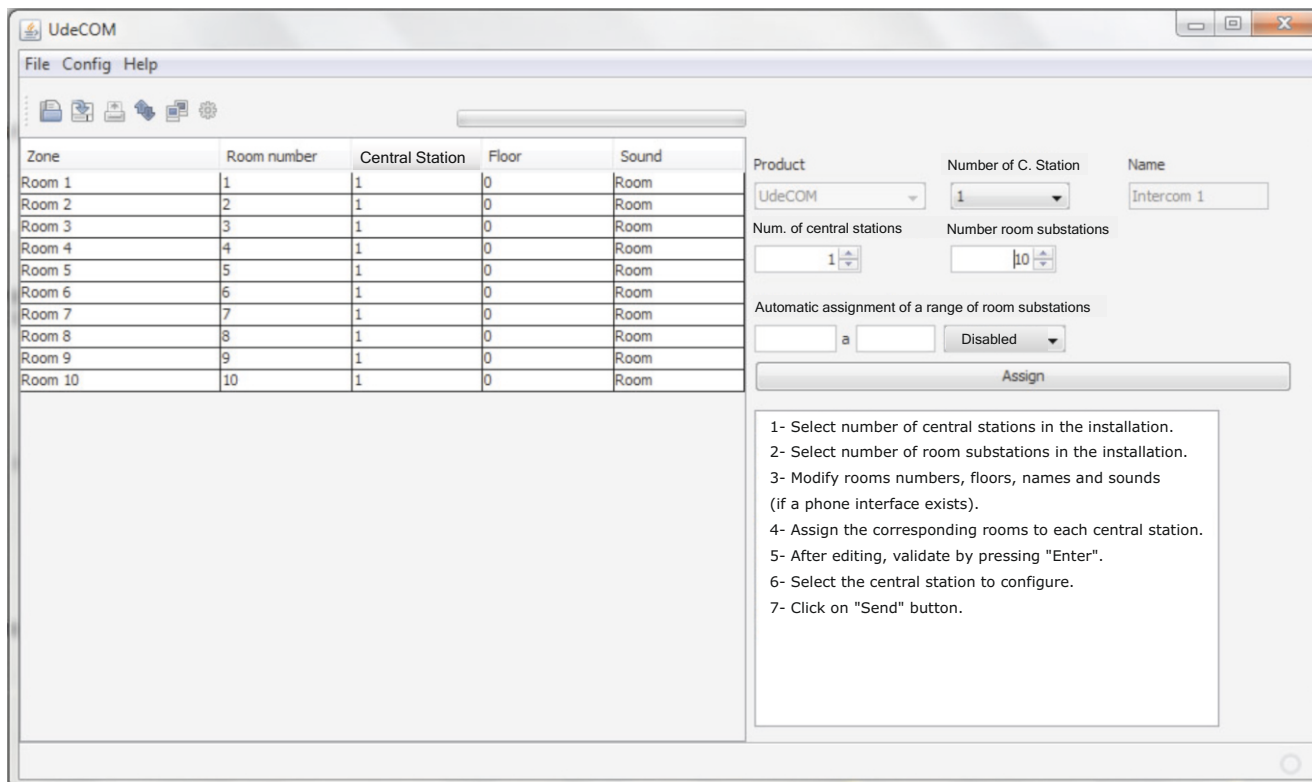
An identification number will be assigned to every UC-104 room substation in the system. The numbers range is from 1 to 65000.

LABELS FOR UC-104 ROOM SUBSTATIONS

Numbers from 65002 to 65147 are reserved for other locations apart from the hospital bedrooms, such as those indicated on the following table:

UC-104 Room substation number	UC-102 display's message
65002 - 65010	Cafeteria 1 - 9
65011 - 65019	Hairdresser 1 - 9
65020 - 65028	Gym 1 - 9
65029 - 65037	Kitchen 1 - 9
65038 - 65046	Medicine cabinet 1 - 9
65047 - 65055	Room 1 - 9
65056 - 65064	Dinner room 1 - 9
65065 - 65073	Doctor's room 1 - 9
65074 - 65082	Nurse's room 1 - 9
65083 - 65102	Geriatric bathroom 1 - 20
65103 - 65111	Laundry 1 - 9
65112 - 65120	Morgue 1 - 9
65121 - 65129	Maintenance
65130 - 65138	Office
65139 - 65147	Drugstore

UdeConfUC102 - ver 1.7



CONTENTS

	Page
DOWNLOAD SOFTWARE PROCEDURE	32
SOFTWARE INSTALLATION	33
COMPUTER CONNECTION	34
UDECUM SYSTEM CONFIGURATION	35
Configuration	36 - 37
Open / savef configuration	38
Control panel	39
Rooms configuration	40

P-14

UdeConfUC102 - SYSTEM CONFIGURATION

DOWNLOAD SOFTWARE PROCEDURE

32-bit or 64-bit WINDOWS OPERATING SYSTEM

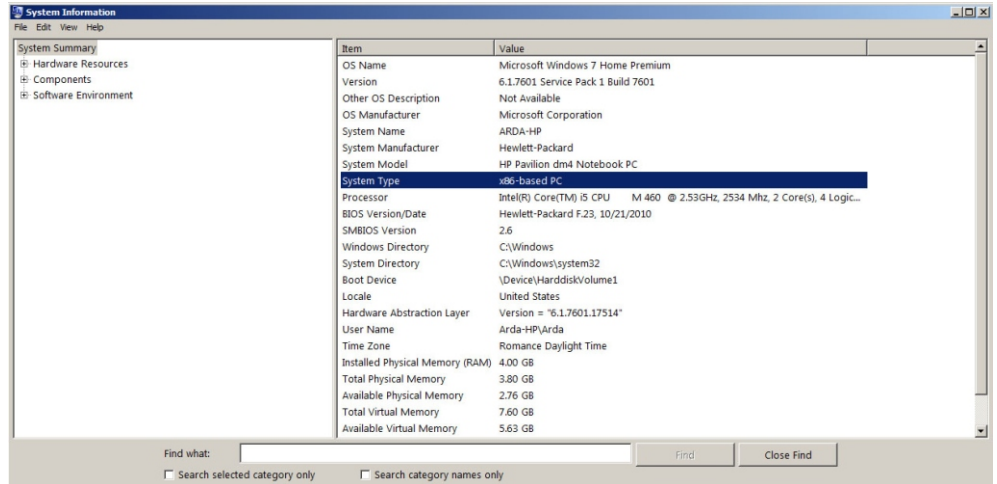
To determine whether is 32-bit or 64-bit, follow the next steps:

**WINDOWS 2000
WINDOWS XP**

Click

- start:

- Programs
- Accessories
- System tools
- System summary



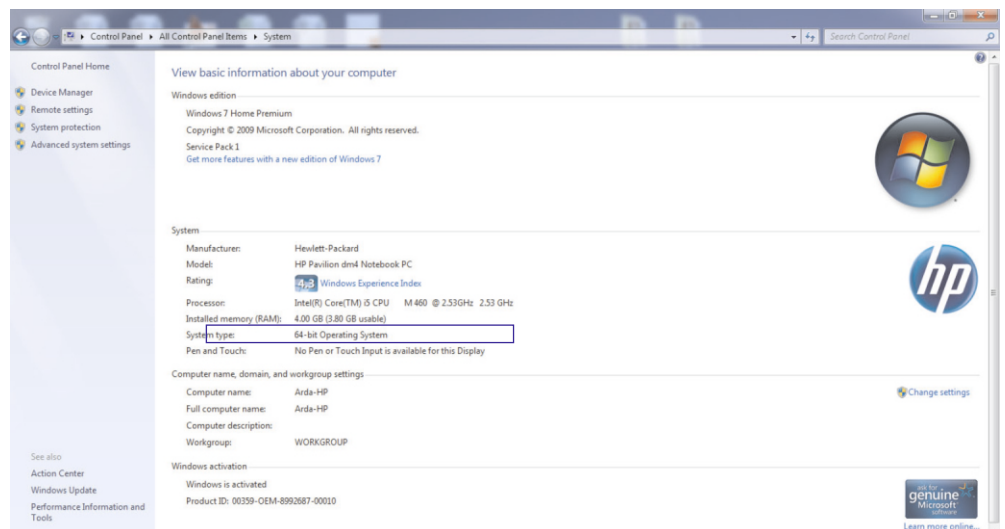
Note: If the **System Type** shows **x86-based PC**, it means the operating system is 32-bit.

**WINDOWS 7
WINDOWS VISTA**

Click

- Control panel:

-System



According to the instructions above, download the corresponding zipped file.

UDEConfUC102_x32-v.1.7_EN
UDEConfUC102_x64-v.1.7_EN

P-14**UdeConfUC102 - SYSTEM CONFIGURATION****SOFTWARE INSTALLATION**

Unzip the **UDEConfUC102_32-v1.7** folder for a 32-bit operating system (2000 , XP, VISTA 32-b) or the **UDEConfUC102_64-v1.7** for a 64-bit operating system (VISTA 64 bits, WIN 7).

Inside the created UDEConf directory, start the program by running the UDEConfUC102.jar file.

Name	Type
lib	File folder
UDEConf	File folder
.DS_Store	DS_STORE File
README	Text Document
rxtxSerial.dll	Application extens...
UDEConfCOM	Executable Jar File

**Computer's minimum requirements**

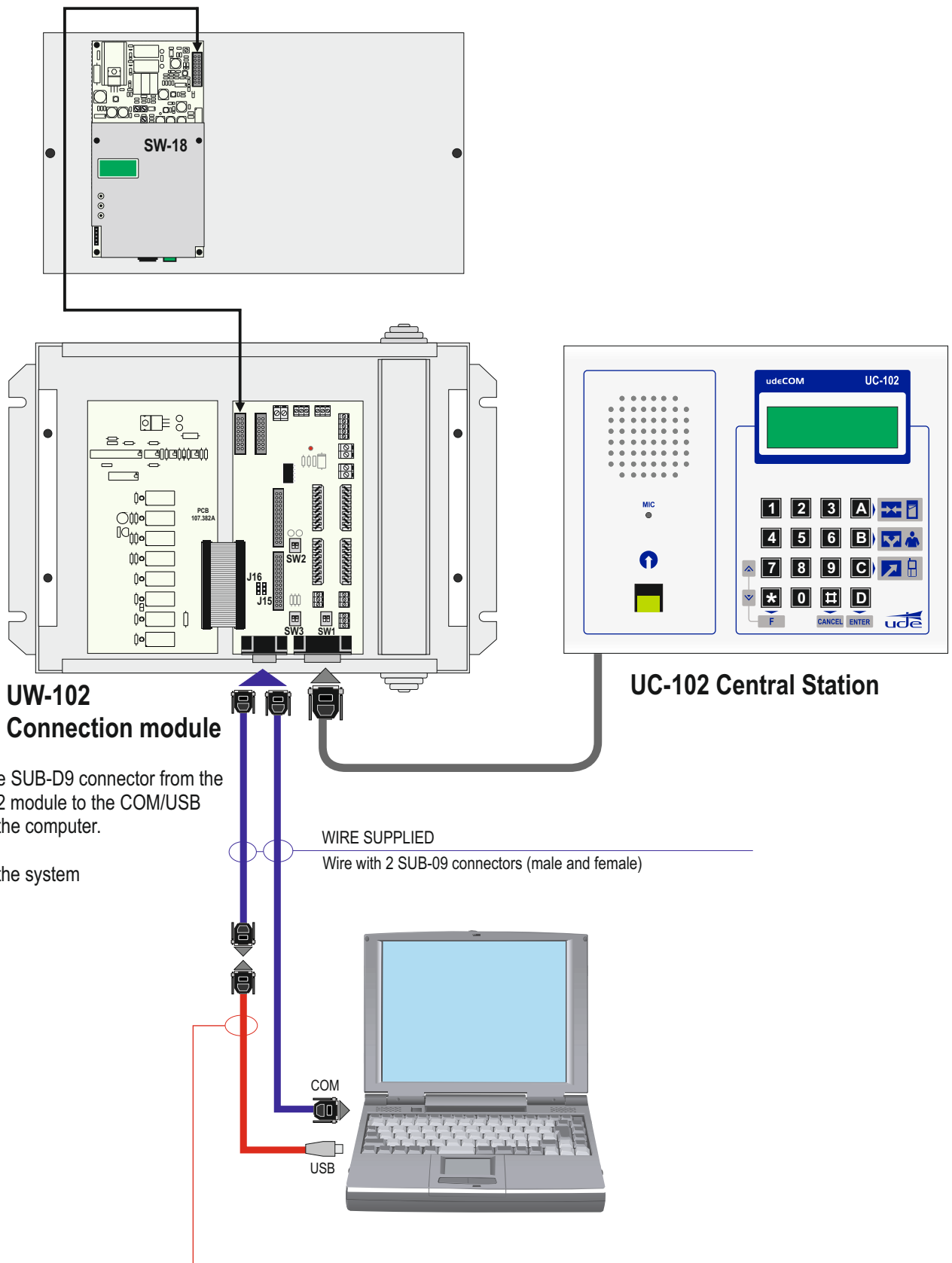
- Windows 2000
- Java JRE v6
- 512 Mb RAM
- 10Mb hard disk
- RS-232 serial port

(*) If the Java Runtime Environment v6 application has **not been** installed in the system, download from java website: <http://www.java.com/en/download/> and install it in the computer.

P-14

UdeConfUC102 - SYSTEM CONFIGURATION

COMPUTER CONNECTION



- Plug the SUB-D9 connector from the UW-102 module to the COM/USB port of the computer.
- Power the system

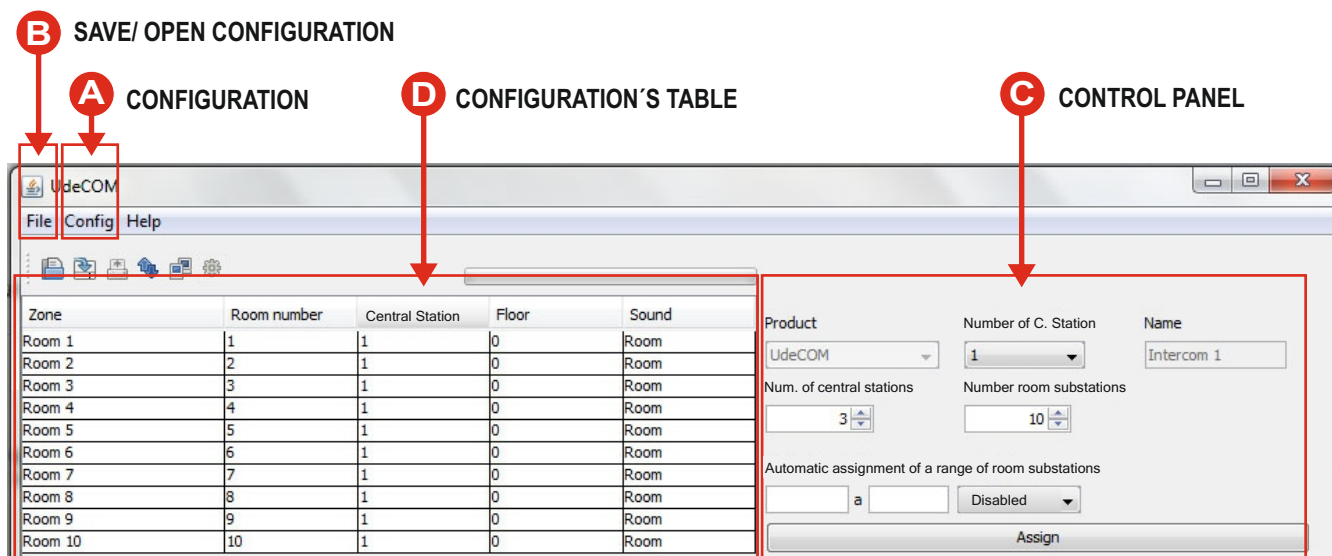
If the computer doesn't include a SUB-D9 connector at the COM port to connect the provided cable, a USB-RS-232 adapter should be used. This adapter shall function in Full Duplex mode. (For example: ATEN UC-232A). **ADAPTER NOT PROVIDED**

P-14

UdeConfUC102 - SYSTEM CONFIGURATION

UDECOM SYSTEM CONFIGURATION

Once the computer is connected to the UC-102 central station, run the **UdeConfUC102.jar** file to start **UdeConfUC102** and the following screen will appear.



To configure the system, apply the following necessary steps:

- 1. Number of room substations.** Use the control panel to choose the total number of room substations.
- 2. Number of central stations.** Use the control panel to choose the total number of central stations.
- Assign a range of room substations to each central station (possible **automatic** assignment).
- Modify the table cells according to the installation's features.
- Connect the RS-232 cable to the UW-102 connection module of the central station which is being configured. Check the UW-102 module's configuration (See J15-J16,SW1,SW2,SW3).
- 6. Central station.** Use the control panel to choose the central station number ID to which we are connecting to (In this case is number 1).
- The configuration is done from the Menu: Config > Send
- If there are more central stations connected to the system repeat steps 5,6 and 7 for each one of them. Make sure you change the number ID and the RS-232 cable connection each time.
- In order to save the configuration, go to Menu: File > Save

To modify the text in a box, double click on it. The following keys can be used:
 Ctrl+C = **copy**. Ctrl+V = **paste**. Ctrl+X = **cut**. Ctrl+Y = **redo**. Ctrl+Z = **undo**.
 Once the text is modified, click on the ENTER key. ↵

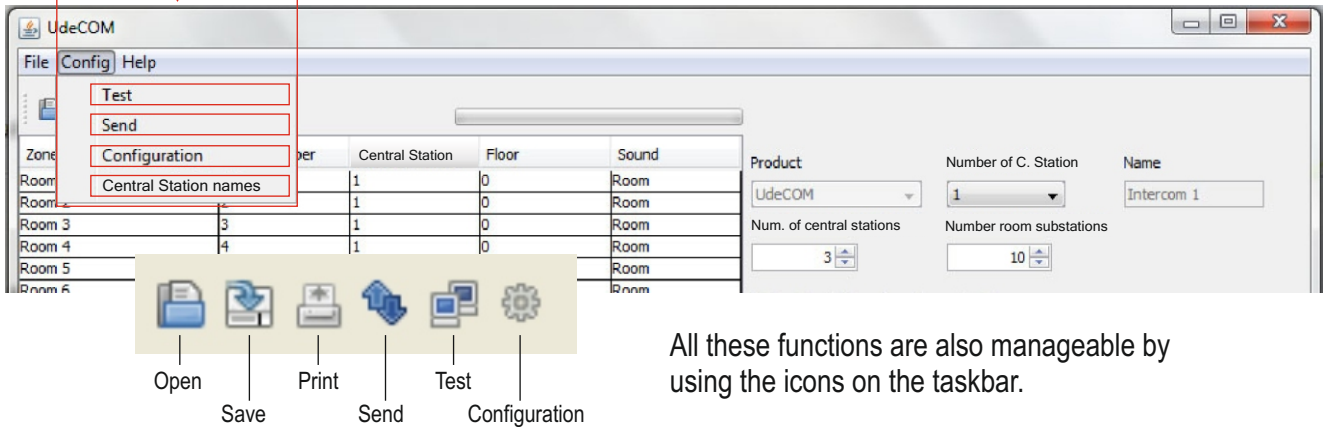
P-14

UdeConfUC102 - SYSTEM CONFIGURATION

UDECOM SYSTEM CONFIGURATION

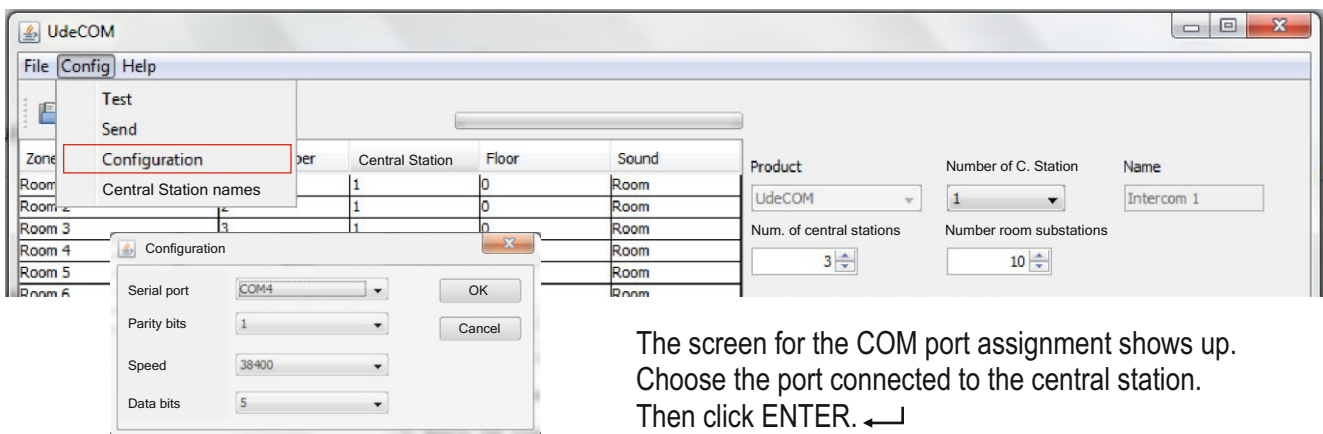
A CONFIGURATION

A



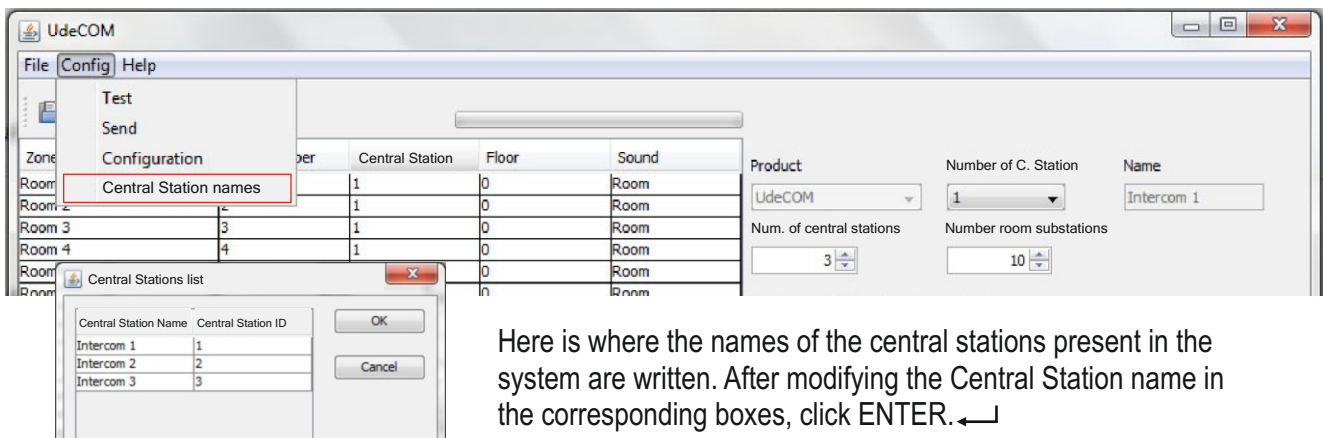
All these functions are also manageable by using the icons on the taskbar.

A1- Configuration Tab
- Configuration



The screen for the COM port assignment shows up. Choose the port connected to the central station. Then click ENTER. ↵

A2- Configuration Tab
- Central stations names



Here is where the names of the central stations present in the system are written. After modifying the Central Station name in the corresponding boxes, click ENTER. ↵

P-14

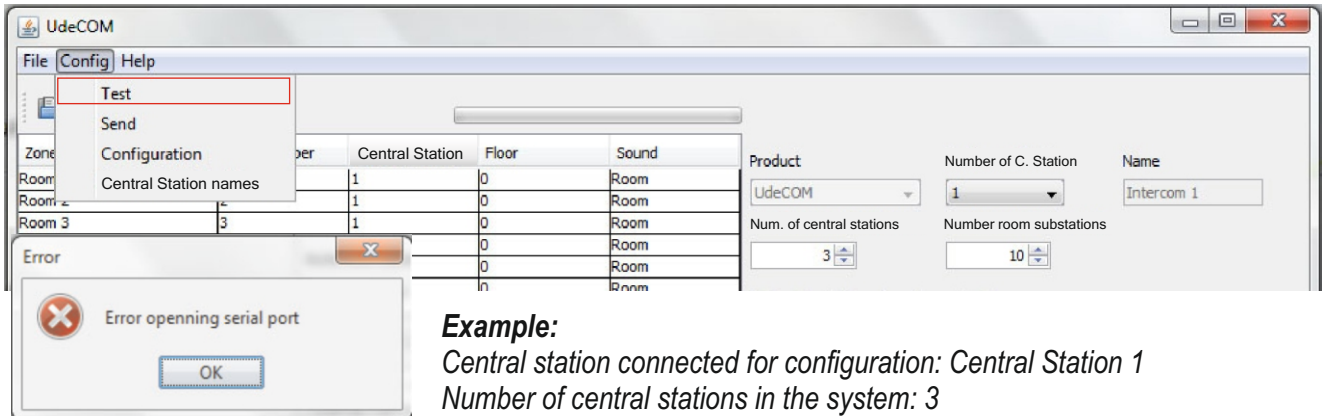
UdeConfUC102 - SYSTEM CONFIGURATION

UDECOM SYSTEM CONFIGURATION

A CONFIGURATION

A3- Configuration Tab

- Test



If the central station is correctly connected to the system, an OK message will appear. If there is no communication with the central station, a message will appear seconds later saying: **“Error opening serial port”**.

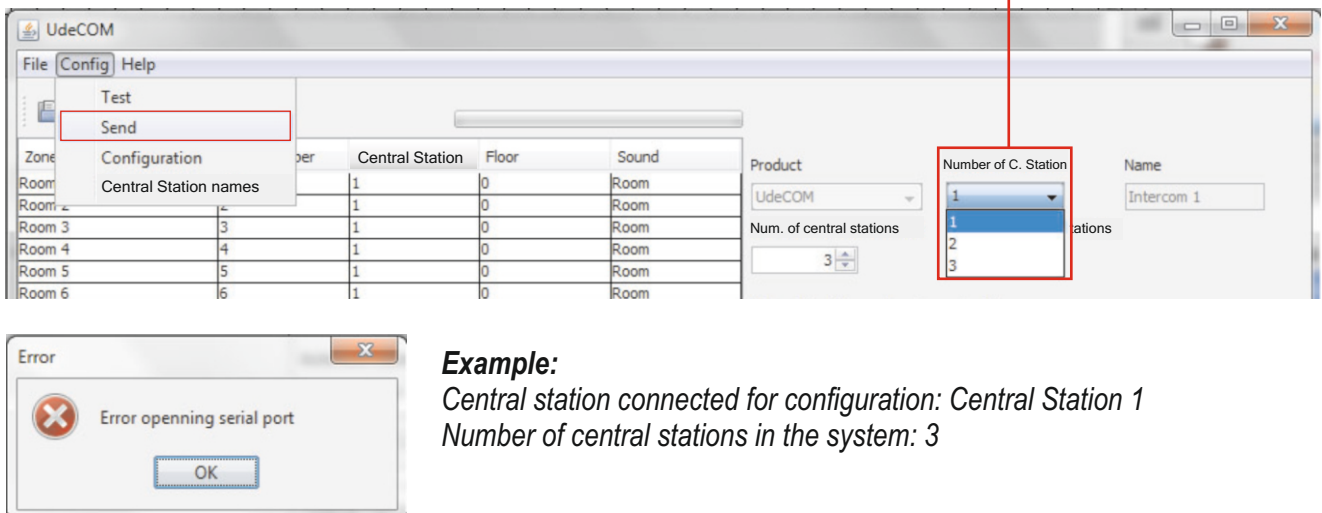
In this case, go back to **Configuration (A1)** and choose another COM port and repeat **Test (A3)** until the connection is fully established.

Then connect the central stations (2 and 3), choose its ID (2 or 3) and proceed with the configuration by repeating steps **A3** and **A4** for each one of them.

A4- Configuration Tab

- Send

Central station ID



Sends the configuration to the selected central station. If the configuration was successfully sent, the message OK will appear. If the configuration fails to be sent, a message will appear seconds later saying: **“Error opening serial port”**. Check the connection and repeat operation **Test (A3)**.

Then connect the central stations (2 and 3), choose its ID (2 or 3) and proceed with the configuration by repeating steps **A3** and **A4** for one of them.

P-14

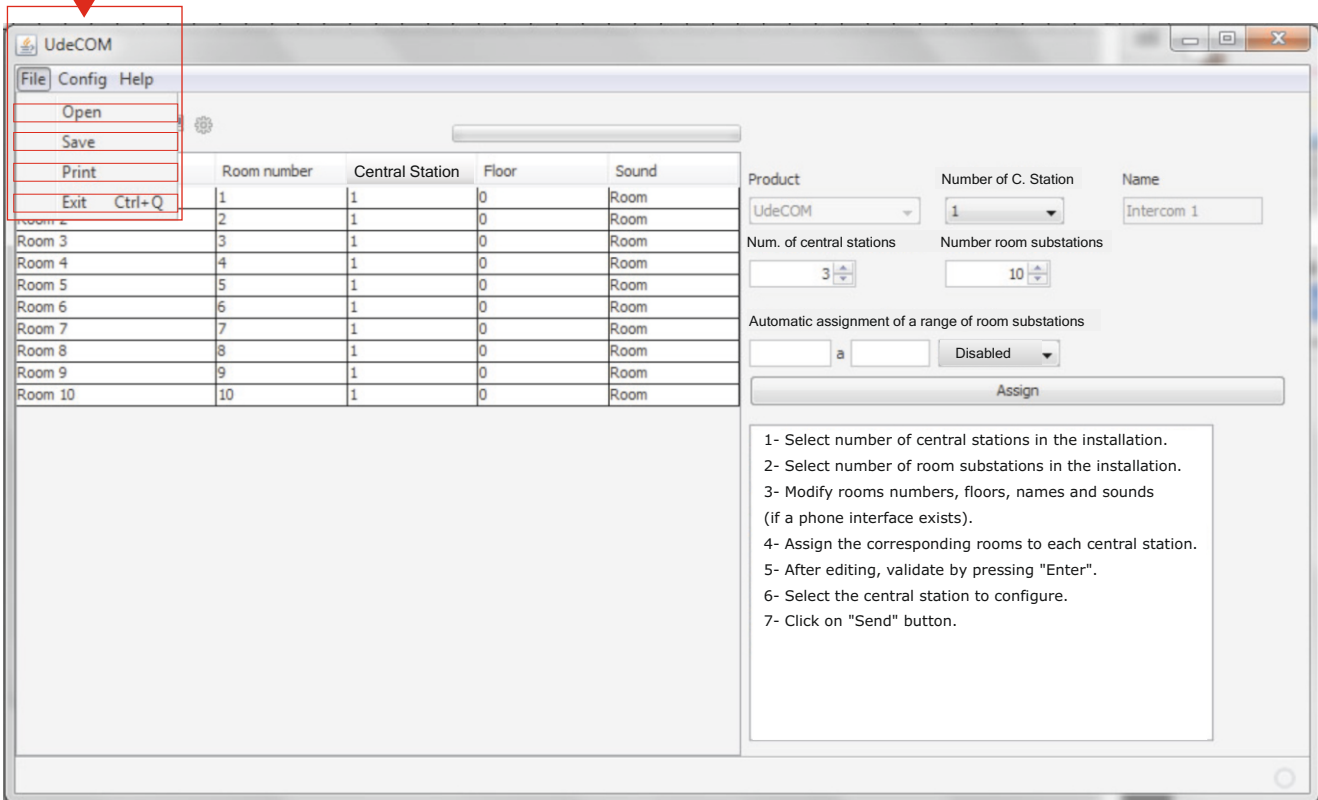
UdeConfUC102 - SYSTEM CONFIGURATION

UDECOM SYSTEM CONFIGURATION

B

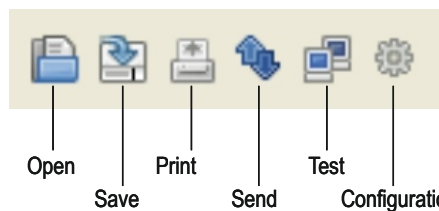
OPEN / SAVE / PRINT CONFIGURATION

B



In the File menu, the following options will appear:

- Open** : Recovers a configuration previously saved.
- Save** : Saves the current configuration.
- Print** : Prints the configuration's table.
- Exit** : Closes the UDEconf UC102 program.

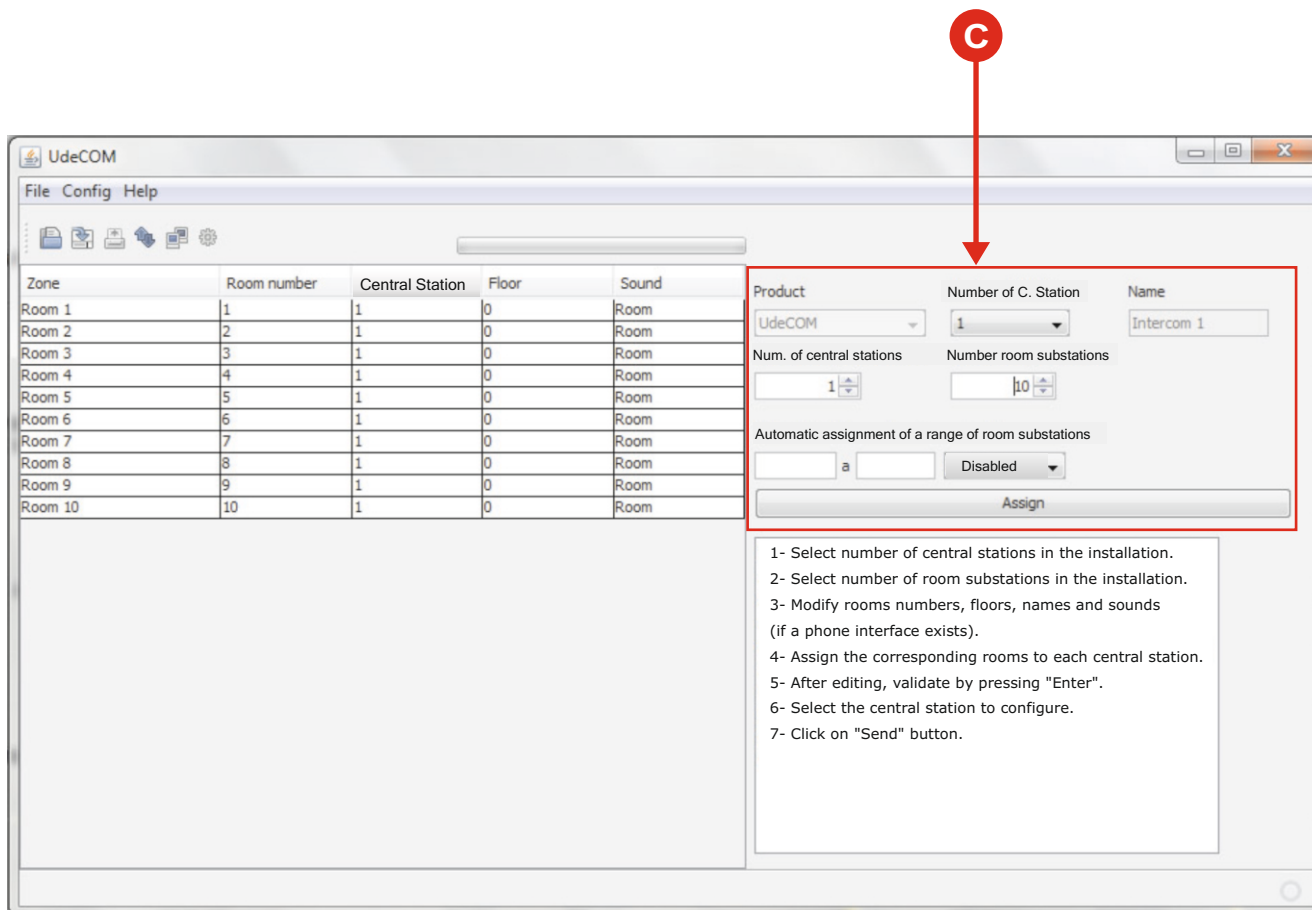


P-14

UdeConfUC102 - SYSTEM CONFIGURATION

UDECOM SYSTEM CONFIGURATION

C CONTROL PANEL



Central Station: Select the ID number of the central station which is going to be configured.

Name: Sets the text that will appear on the central station's display. To modify this text, go to Config > Central station names and change the names of the different central stations.

Number of central stations: total number of central stations in the system.

Number of room substations: total number of room substations in the system.

Automatic assignment of a range of room substations: optional function to assign central stations to different range of zones in a comfortable way. By introducing the range and the central station, the table will be set without doing it zone by zone.

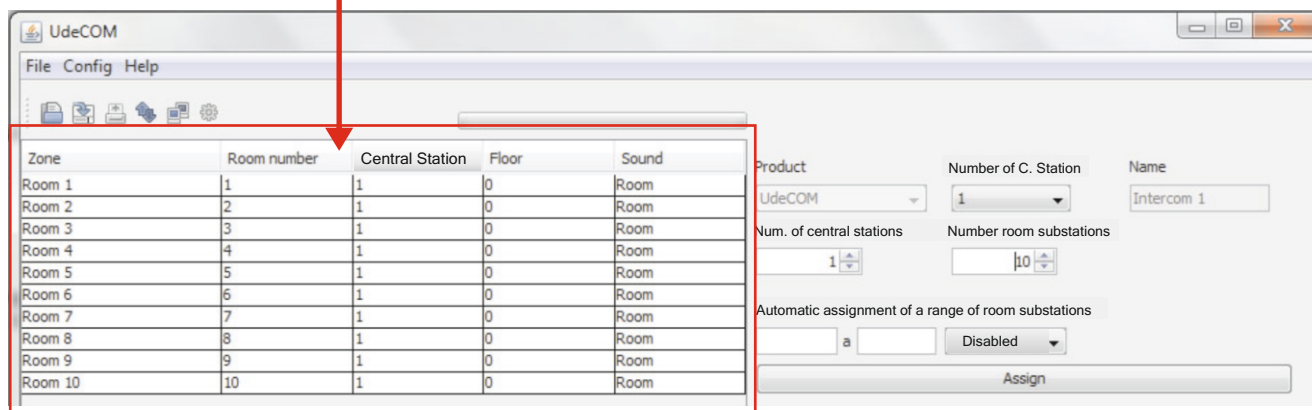
P-14

UdeConfUC102 - SYSTEM CONFIGURATION

UDECOM SYSTEM CONFIGURATION

D ROOMS CONFIGURATION

D



Zone: name of the room/zone (Max. of 19 characters).

Room number: ID number of the UC-104 or UC-140 substitution.

Note: This number, denominated as "extension", identifies the room/zone and cannot be repeated. This number will appear on the central station's display when a call is received (as well as the room's name). However, it is the extension number the one that will be indicated in a spoken message on the phone if the UDECOM system includes a UW-18 telephone interface.

Central station: station with a room/zone assigned. Editable.

Floor: floor assigned to a room/zone.

Sound: message for every type of room/zone that will be played on the telephone if the UW-18 is used. Select the box in particular and choose among the following options:

- Room
- Rehabilitation room
- Independent bathroom substitution
- Nurse room
- Office
- Cafeteria
- Zone
- Door
- Hall

To modify the text in a box, double click on it. The following keys can be used: Ctrl+C = **copy**. Ctrl+V = **paste**. Ctrl+X = **cut**. Ctrl+Y = **redo**. Ctrl+Z = **undo**.

Once the text is modified, click on the ENTER key. ←