CITY SKYLINE MDS DIGITISER PANELS REF. 7460
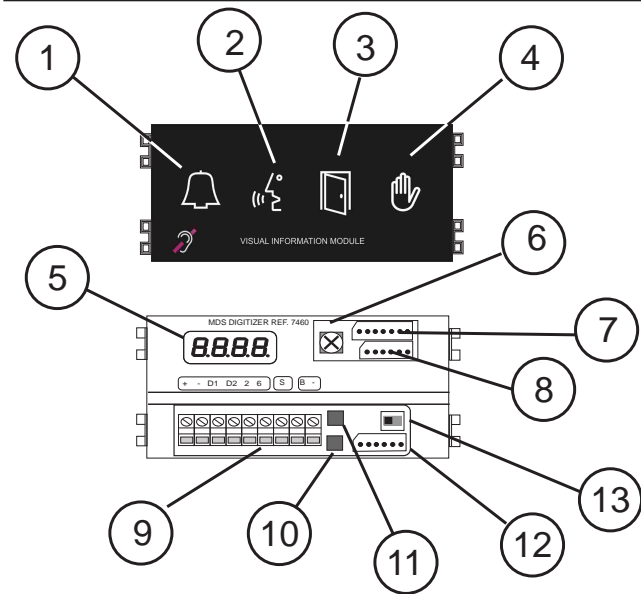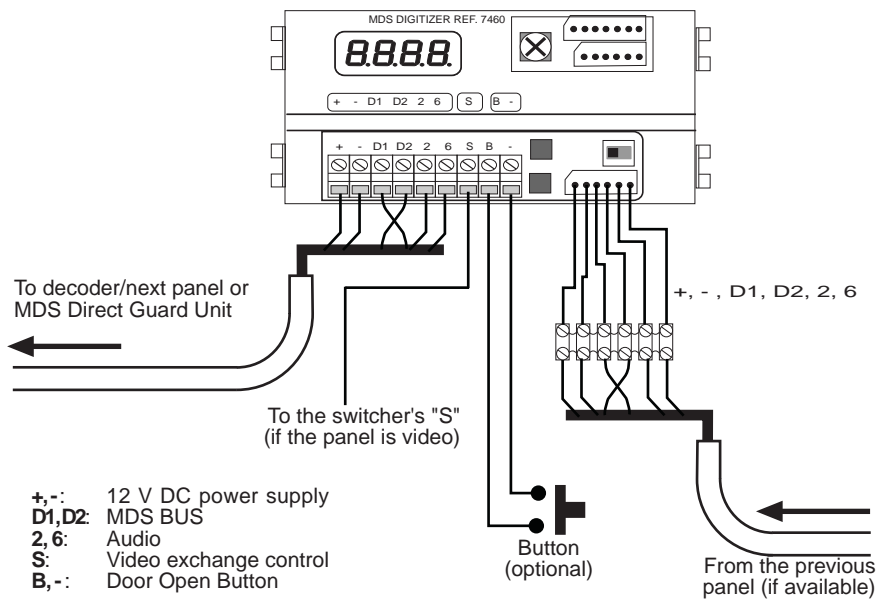
GENERAL DESCRIPTION

1. **Call indicator**. Lights up after a call is made.
2. **"In conversation" indicator**.
3. **"Open door" indicator.** Indicates that the door is opening.
4. **"System busy" indicator.** Indicates that another panel is in use.
5. **Programming display.** To help programming.
6. **Acoustic volume indicators regulator.**
7. **CN1 connector.** Amplifier connection
8. **CN2 connector.** Button and/or keyboard Module Connections.
9. **Installation connections block**. MDS Output
10. **S Button.** For programming
11. **P Button.** For programming
12. **MDS imput from the previous panel.** If available.
13. **Audio switch.** In order to manually enable the audio with decoders.

Technical Specifications
- Power supply: 12V DC/ 150 mA (max)
- BUS: MDS FERMAX protocol on RS-485
- Operating temperature: -10º C - 40º C
- IP=43; IK=05

GENERIC INSTALLATION DIAGRAM

To decoder/next panel or MDS Direct Guard Unit

To the switcher's "S" (if the panel is video)

+, -, D1, D2, 2, 6

Button (optional)

From the previous panel (if available)

+,-: 12 V DC power supply
D1, D2: MDS BUS
2, 6: Audio
S: Video exchange control
B, -: Door Open Button

For more details, see corresponding installation diagram.

MODULE PRE-WIRING ACCORDING TO CONFIGURATION

ONLY BUTTONS
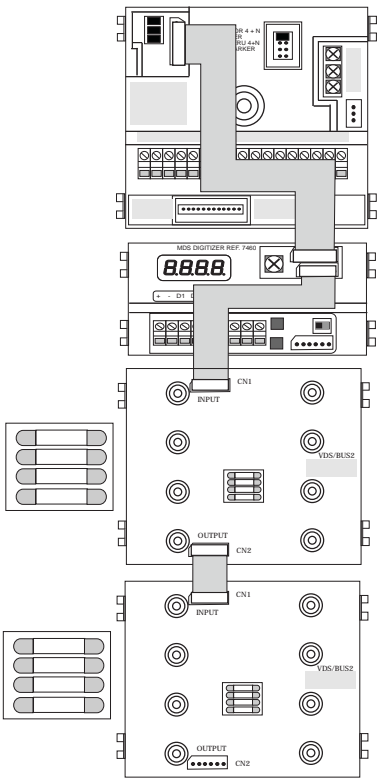
ONLY KEYPAD
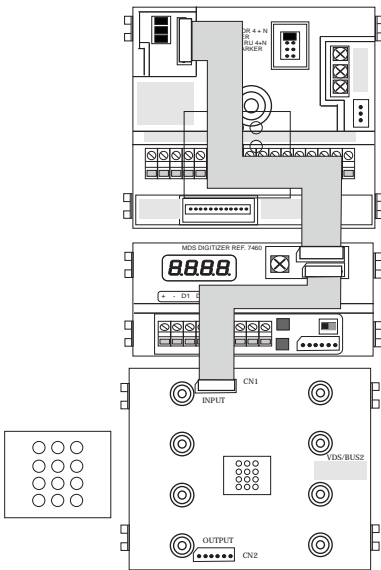
KEYPAD + BUTTONS
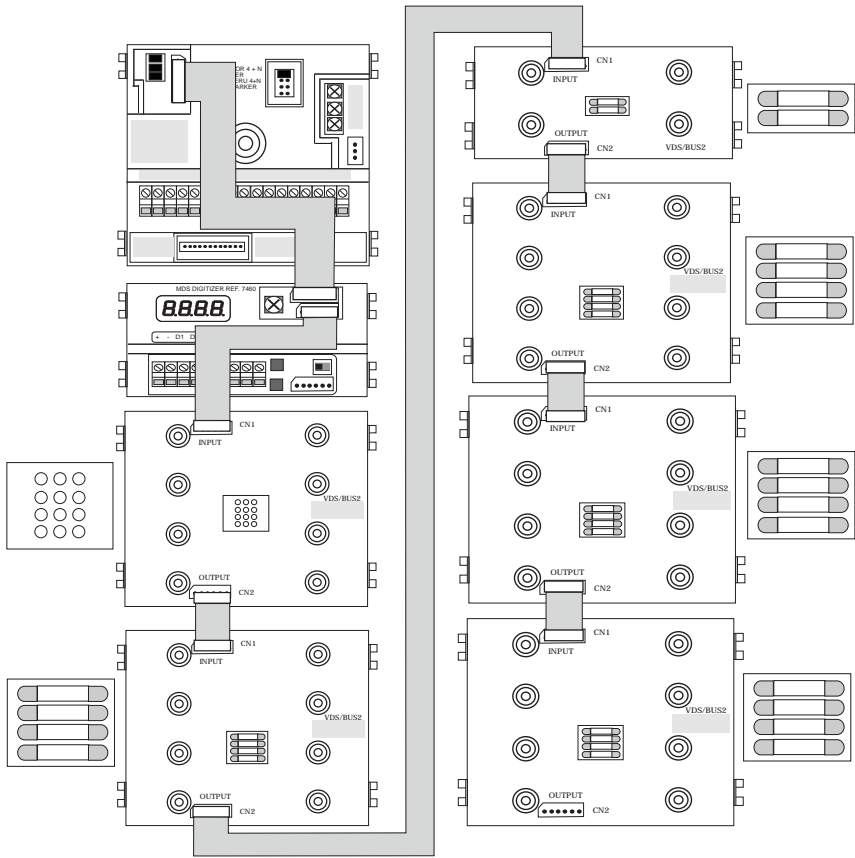
START-UP ROUTINE (upon powering)

Button module/s detected — PuL → OK
Keypad detected — tEc → OK
Buttons + keypad module/s detected — PuL → tEc → OK
Keypad + button module/s detected — tEc → PuL → OK
No buttons or keypads detected — Err

ON → $r\_1.0$ — Digitiser version (1.0)

The indicators blink

This is repeated as long as no module is detected (keypad and/or buttons) connected to the Digitiser
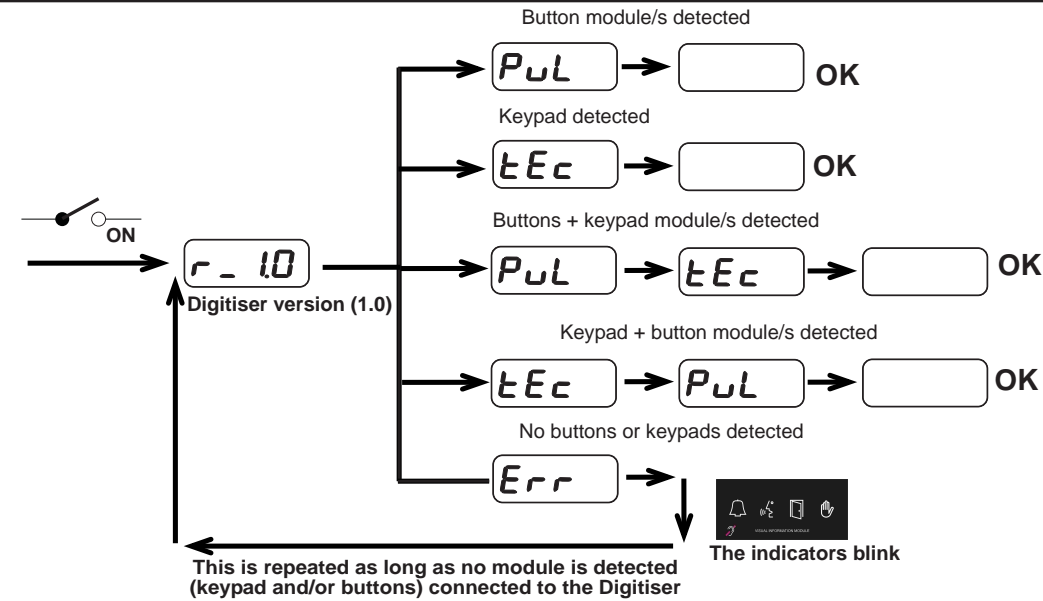
RESTORING FACTORY SETTINGS

ON — Before 1 minute

Ⓐ708 🔔 9

Default values:

	PANELS WITH KEYPAD	PANELS WITH ONLY BUTTONS
	General Entrance Panel no.: 01	I. B. no.: 00 Panel no.: 01
	Door-opening time from home: 6 s Converstion time: max: 60s, min: 16s Panel Mode: night	
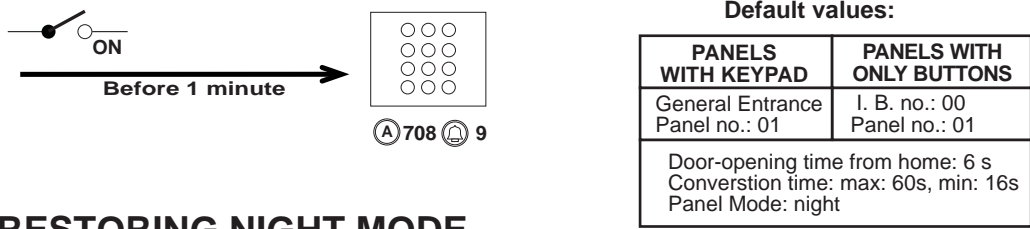
RESTORING NIGHT MODE

Apply if you want to change from day to night mode.
This is useful, for example, if you want to enable this mode, and the Guard Unit is not available, or accessible.

Ⓐ → 3141 → 0000 → 0000

This restoration can also be done via the programming (ConF-Acc.nn)
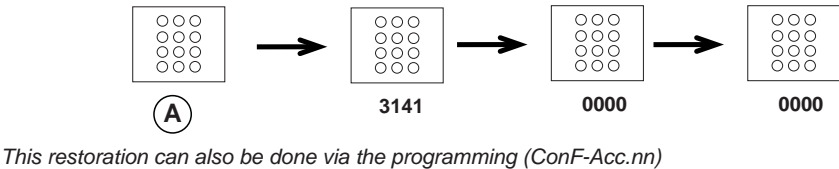
OPEN THE DOOR WITH A 4-digit PIN. Only keypad panels

This function is disabled as long as a code is not assigned in the digitiser's program.

Changing the code assigned in the program

Ⓐ → 3141 → XXXX → YYYY

XXXX: Previously assigned code

YYYY: New code (do not use 3141)
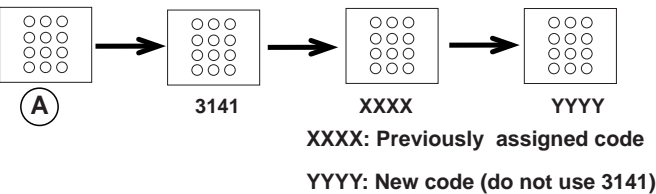
Delete and disable the introduction/change of pin code

Ⓐ → 3141 → XXXX → 3141

XXXX: Current code
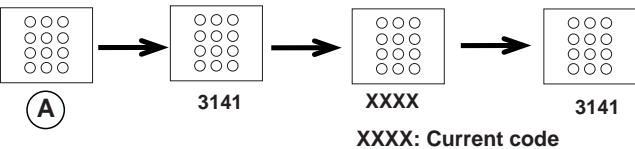
In order to enable and register a new code, you must access the Digitisers program.

Use the PIN to open the door

Ⓐ → XXXX

XXXX: Current code

The door open indicator is lit.

DIGITISER PROGRAMMING TABLE

PROGRAMMING ENTRY — P

| | Panel Num (Pn.xx) xx=Panel Num | BLOCK Num (bn.xx) xx = Block num Egrl = G.E. | Assign t. open doors from home (ot.xx) xx: seconds | Assign t. open doors from entrance hall (bt.xx) xx: seconds | Assign t. conversation max. and min. (ct.x) x =1: max=60s min=16s x= 2: max=120s min=32s x= 3: max=180s min=48s | Reset to night mode (Ac.xx) xx=nn: Night Mode xx=dd: Day Mode |

Configuration of Parameters
G.E.: *Panel installed in a General Entry entrance in the housing complex.*

I.B.: *Panel installed in an Interior Block entrance within the housing complex.*

If the panel is installed in an individual building that does not form part of a housing complex, it is considered **I.B. = 00.**

`ConF` — S → `Pn.01` — P → `bn.00` — P → `ot.01` — P → `bt.01` — P → `ct.1` → `Ac.nn` — P → END
→ `Ac.dd` — S → `Ac.nn` — P → END

- `Pn.01` — Only informative / Panel Num — If is G.E.: 01-05 / If is I.B: 00-09 / V. default: 01
- `bn.00` — Only informative / Block Num — I.B. :00-99 / :G.E. / V. default: see TABLE in section RESTORING TO DEFAULT SETTINGS
- `ot.01` — Only informative / time 01-99 / V. default: 03
- `bt.01` — Only informative / time 01-99 / V. default: 06
- `ct.1` — Only informative / times x 1, 2 or 3 / V. default: 1

Decoder Programming
Assign a number (or call button) to the connected phones in a specific decoder.

`dECo` — S → `PrES` (Audio ON) — PRG → `dEC.4` — S → `Out.1` → `----` — S → END

- Panel ready — `PrES` — Audio ON
- Decoder ready: dEc.4: MDS 4S / dEc.8: MDS 8S — `dEC.4`
- Program telephone numbers in the decoder (*)
  - Out X: output to program (*) — `Out.1`
  - Press button to assign
  - Number to assign (2 digits) / (A) assign number 0000 (call guard)
  - If the panel is part of an INTERIOR BLOCK, the Block Num. automatically precedes the telephone number
  - **Repeat with all decoder outputs**
- `----`: not yet assigned / Err: number already assigned to another decoder / Good: number properly assigned
- *Repeat these steps for each decoder to be programmed.*

(*) For the Decoder VDS

dEC4: DECODER VDS configured as range
- `Out.1` — Indicate the first address in the range
- `Out2` — Indicate the last address in the range
- `Out3` — (bell) VDS decoder as main panel / (A) VDS decoder as slave panel
- `Out4` — (bell) No function. Do not program

dEC8: DECODER VDS configured as DECODER 8
Proceed as if a DECODER MDS
See the Decoder's Technical Information

Enable and assign a PIN to open the door
Upon marking this code on the panel's keypad, the door is opened.
Only available on panels with keypad.

`CodE` — S → `2984` — S → END
- code (4 digits) (Example 2984) / (bell): Delete code
- **Do not use code 3141**

Assign a telephone number to a button
When you want to be able to call a telephone both by keypad or button.
Only available on mixed panels (with keypad and buttons).

`CodP` — S → `----` → `0028` — S → END
- `----`: not yet assigned / XXXX: number to assign
- telephone number assign to a button (Example, 28).
- press the button to assign.
- NOTE: If the panel is part of an INTERIOR BLOCK, the Block number automatically precedes the telephone number
- **Repeat if you want to assign more buttons**

Inverse programming of buttons
Assign a button to an already programmed telephone.
Only available on panels without a keypad.

`Pr9.P` — S → `tEL` — (open door) → `0093` (Audio ON) → `9ood` — S → END
- Panel ready — `tEL`
- XXXX: Telephone number to assign.
- Press button to assign
- Err: telephone not programmed / Good: assigned correctly
- NOTE: If the panel is part of an INTERIOR BLOCK, the Block number automatically precedes the telephone number
- **Repeat if you want to assign more buttons**

Sequential programming of buttons
Assign the buttons to telephones sequentially.
Only available on panels without a keypad.

`Pr9.S` — S → `0000` → `0009` → `9ood` → `0010` → `9ood` — S → END
- Panel ready — `0000`
- Press the first button until the display shows the telephone number to be assigned. (Example 9).
- Press the next button to confirm the previous number, and assign a new telephone number to this button.
- **Repeat if you want to assign more buttons**

Programming telephones
Assign/change the number of a specific phone.
Only available on panels with keypad.

`Pr.tL` — S → `tEL` — (open door) → `----` → `0093` — S → `9ood` — S → END
- Panel ready — `tEL`
- Telephone ready — `----`: not yet assigned / XXXX: previous number — Audio ON
- Mark the number to assign (Example, 93).
- NOTE: If the panel is part of an INTERIOR BLOCK, the Block number automatically precedes the telephone number.
- **Repeat if you want to program more telephones**

Reset buttons
Put all buttons to its default setting, that is, assigns the number "0000". This is useful if you do not know the programming status of the buttons, and want to start from "zero".

`rS.Pr` — S → `P. on` — S → `P.oFF` → END

Exit Programming Mode — END
NOTE: It exits programming automatically if no action is taken during 120 seconds.

SYMBOLS USED IN THESE TECHNICAL INSTRUCTIONS

- `8.8.8.8.` — *Indicates what is viewed on the Programming Display at a given moment.*
- *The indicated operation refers to a buttons only panel.*
- *The indicated operation refers to a keypad panel (or keypad and buttons).*
- (A) (bell) — *Indicates that you have to press the A key or BELL, respectively, on the dial pad.*
- **P** — *Indicates to press the P button for the Decoder programming.*
- **S** — *Indicates to press the S button for the Decoder programming.*
- **Audio ON** — *Indicates that an audio channel is open with the Decoder´s BUS, so a connection can be established by plugging in a telephone unit on the decoder being programmed.*
- **ON** — *Indicates that the system is powered.*
- **PRG** — *Indicates to press the programming button of the decoder being programmed.*
- *Indicates to press the open door button on the phone being programmed. If the telephone is VDS, press the programming button on it.*