



UHS4

Infra-Red Handset

Overview



The UHS4 is a compact infrared handset used for the operation, configuration and programming of **An-10®** products.

The handset operates in one of four modes:

- **User Mode:** the default end-user mode used for scene selection, raising/lowering levels, etc.
- **Configuration Mode:** used for setting addresses and general set-up parameters.
- **Sensing Mode:** used for setting parameters on motion detectors.
- **Scene Mode:** for programming scenes on various devices.

Typically, most user control functions require a single button press. Programming is achieved by pressing a number of buttons in a sequence and then transmitting the sequence to a device by pressing the arrow/send button.

Using the handset

Changing the Handset Mode

The UHS4 always defaults to User Mode and will automatically return to User Mode from any other mode if no buttons are pressed within a 30 second period.

To switch to another mode, press the **F** key — the SCENE LED will light for 2 seconds. While the SCENE LED is lit press the appropriate mode access key (**7**, **8** or **9**):

Mode	Access by pressing	For further details
User		See page 3
Configuration	F + 7	See page 4-5
Sensing	F + 8	See page 6
Scene	F + 9	See page 7

Access to the programming modes can be locked such that a user cannot accidentally change system parameters (see page 3 for further details).

Handset Indicators

The LED indicators on the handset give feedback on the current status:

User Mode Active

All LEDs off



Configuration Mode Active

CONFIG blinks at 1 second intervals



Sensing Mode Active

SENSING blinks at 1 second intervals



Scene Mode Active

SCENE blinks at 1 second intervals



When a button is pressed

SCENE flashes once while in User, Configuration or Sensing Mode
Note: CONFIG flashes once while in Scene Mode



Sending / saving new setting

SENSING flashes once



Using the handset

Pointing the Handset

You must point the handset directly at the device that you want to control or program (see Fig 1).

When programming a device it is only necessary to point the handset when 'sending' a new setting.

Programming a Battery-powered Device

Battery-powered devices must be set into a receive mode before they can be programmed.

This is achieved by pressing the Config Button on the device. The device's LED indicator will then blink red to show it is in receive mode.

NOTE: Please refer to the target device's instruction leaflet for the location of its Config Button.

The device will return to sleep mode if it does not receive any commands within 30 seconds.

Permanently powered devices are always ready to receive the infrared signals provided by the handset.

Understanding Device Indicators

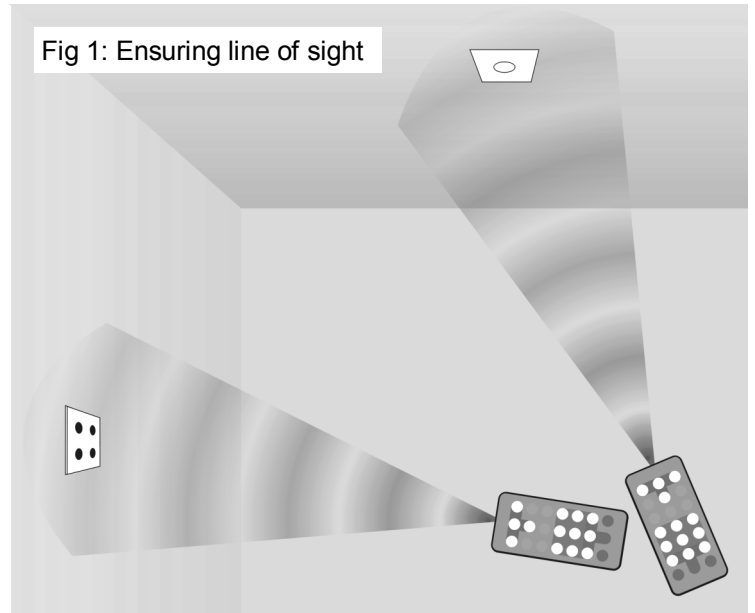
All devices are fitted with LED indication which gives feedback on settings they receive from the handset (see individual device's instructions).

Factory Reset and Software Reset

Sending a Factory Reset command to a device will clear all settings and return them to their factory defaults.

Sending a Software Reset command to a device will reboot the device but retain current settings.

See the Configuration mode section on page 4 for programming details.



Scene Control Operation

Select a Scene

from **1** to **9** (local scenes)
or **0** (scene 20 - default 'off' scene)



Select a Scene

from **1** to **20** (local scenes)
from **101** to **220** (area scenes)

S



↑

Raise overall light level **+**


Lower overall light level **-**

Recall current scene **C**

Select last 'on' scene **I**

All lights off (scene 20) **0** or **○**

Change User Access

Access Mode **F** + **A** **9** **9** **8** **↑** 

NOTE: Changing the access mode only affects the operation of the handset, i.e. it does not send settings to another device.

All modes active (default) **0** Save the new access mode **↑**

User mode only active **1**

User & Scene modes active **2** Cancel **○**

Configuration mode

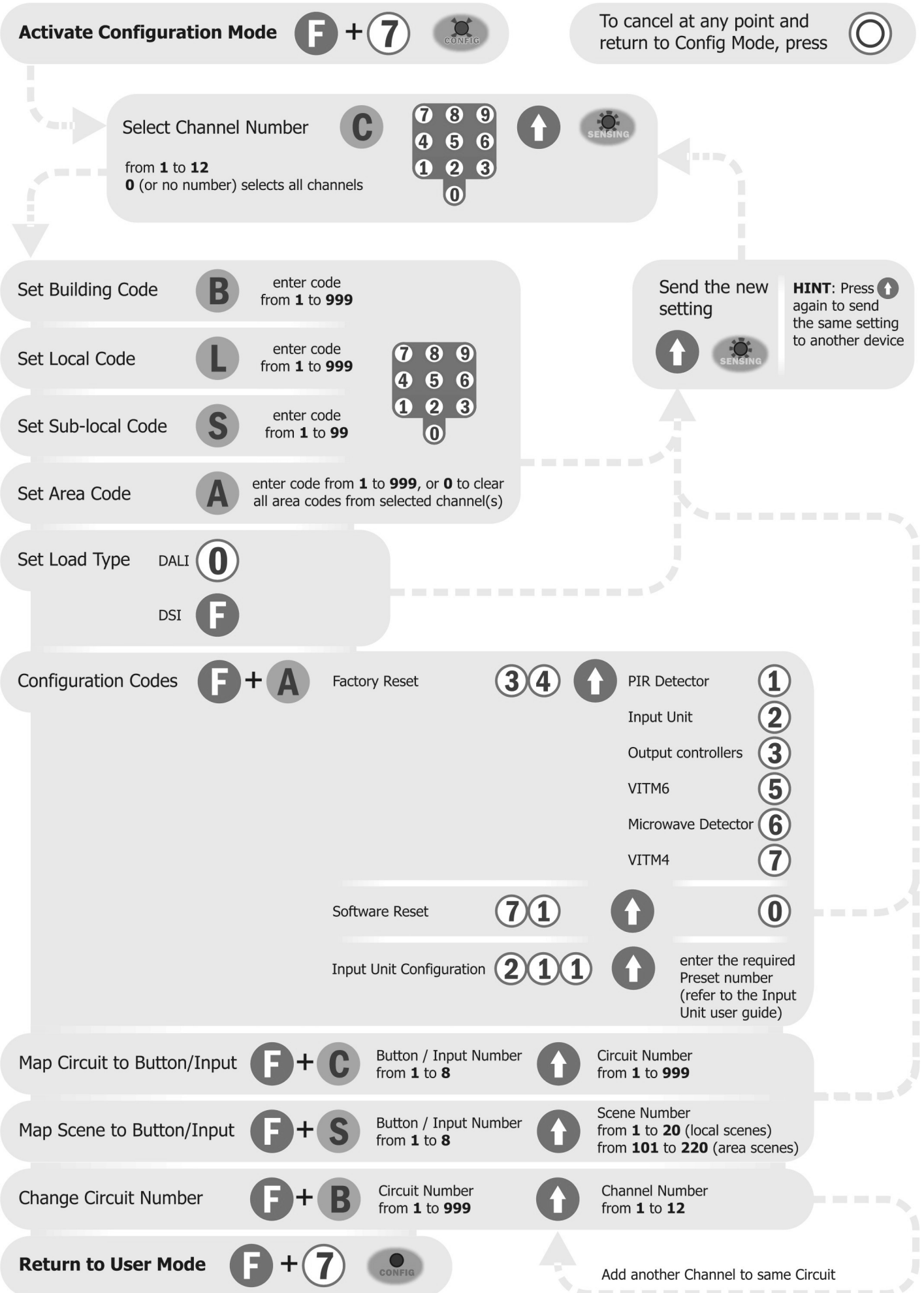
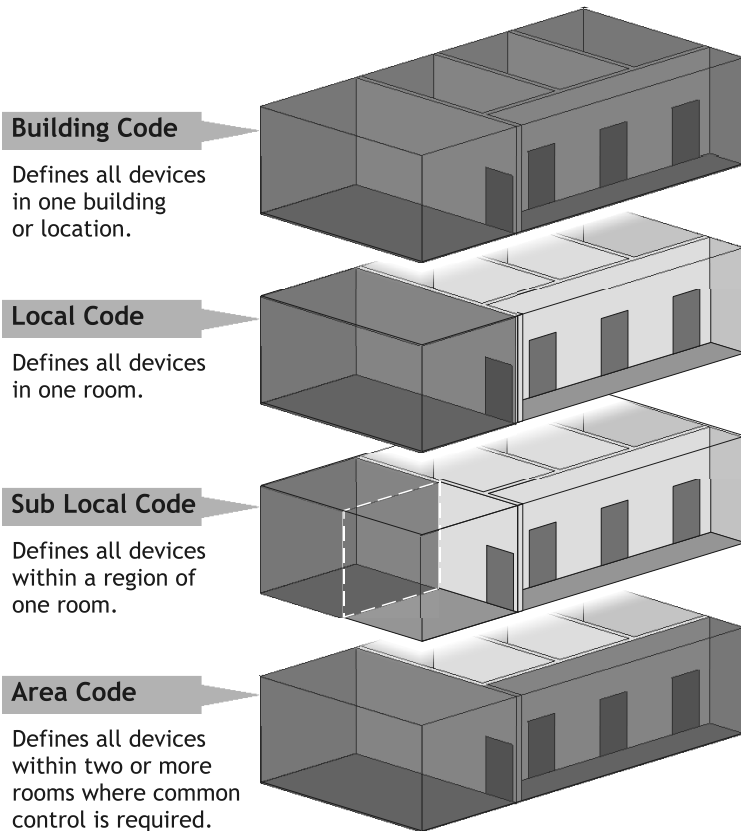


Fig 2: Guidance for setting device address codes



Configuration codes

Configuration codes are special codes that will implement specific commands or parameters. The section opposite explains how these codes, within configuration mode, can be programmed.

The section opposite explains how to implement Factory Reset and Software Reset, and shows an example using the input unit. The device specific codes that can be found in the device's user instructions. The format of the codes is a 3 digit configuration code followed by variable that may correspond to a level or state.

Sensing mode

Activate Sensing Mode

F + **8**



To cancel at any point and return to Sensing Mode, press



Select Channel Number

C



from **1** to **12**
0 (or no number) selects all channels

Time Adjustment Period

B

minutes from **1** to **99**
or **0** = 10 seconds

Switch Level On

5

0 (disabled)
1 to **999** (enabled)

Switch Level Off

2

0 (disabled)
1 to **999** (enabled)

Light Level

(Maintained Illuminance)

L

0 (disabled)
1 to **999** (enabled)

Sensitivity Level

(sets both On and off level)

S

1 (min) to **9** (max)

Walk Test LED

ON

4

OFF

6

Detection Mode

Absence

1

Presence

3


Return to User Mode

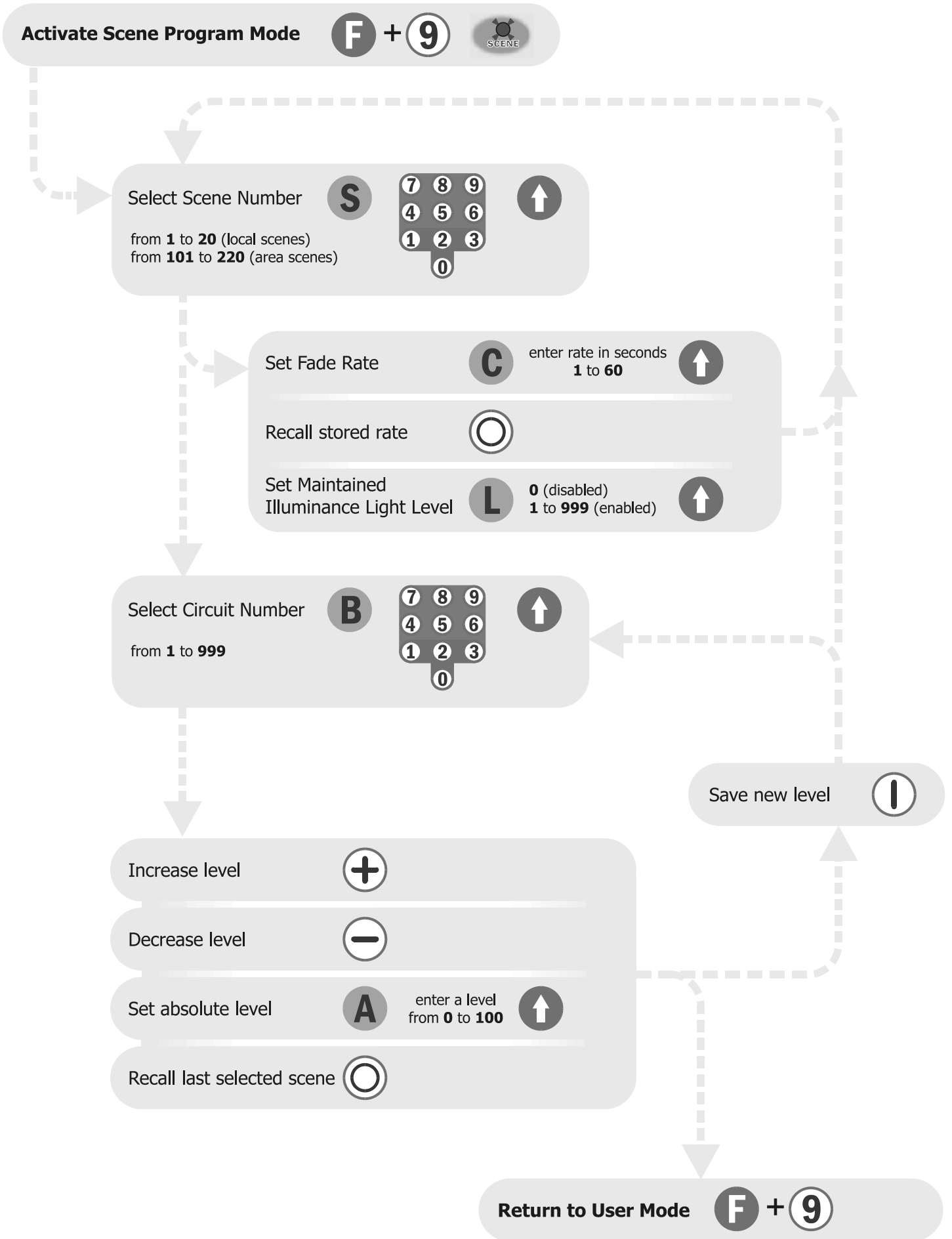
F + **8**



Send the new setting



HINT: Press  again to send the same setting to another device



Care and maintenance

Replacing the Battery

The battery compartment is located on the bottom edge of the handset.

Release the retaining lug (Fig 3.1) to allow the battery holder to be slid out (Fig 3.2).

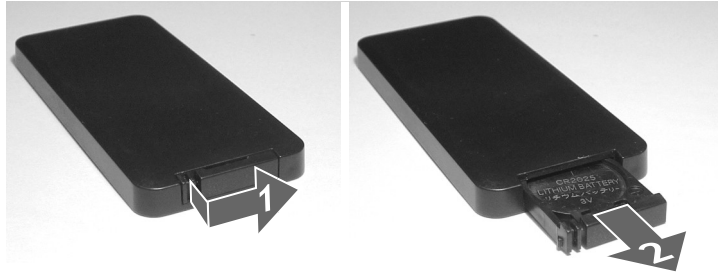
Lift out the battery from the holder and insert a replacement battery (type CR2025 or equivalent), ensuring correct polarity.

Slide the holder back into the handset, ensuring that the retaining lug clicks into place.

Cleaning the Handset

The exterior of the handset can be cleaned by using a damp cloth. Stubborn marks may be removed by using a mild detergent.

Fig 3: Accessing the internal battery



Technical data

Dimensions	86mm x 4mm x 67mm
Weight	0.017kg
Battery	3Vdc lithium battery CR2025 (supplied with unit)
IR range	7m
Temperature	0°C to 35°C
Humidity	5 to 95% non-condensing
Compliance	EMC-2004/108/EC LVD-2006/95/EC



Related products

EBDSPIR-AT-PRM	RF Ceiling PIR presence detector – switched
EBDSPIR-AT-DD	RF Ceiling PIR presence detector – DALI/DSI dimming
EBDSPIR-AT-AD	RF Ceiling PIR presence detector – 1-10V dimming
AT-BB-IN	RF Input unit
AT-SL-R	RF relay controller
AT-SL-R/SA	RF relay controller (standalone)
AT-SL-DDR	RF DALI/DSI + relay controller
AT-SL-DDR/SA	RF DALI/DSI + relay controller (standalone)
AT-SL-ADR	RF 1-10V + relay controller
AT-SL-ADR/SA	RF 1-10V + relay controller (standalone)
VITM4-ATMOD	RF Switching module
VITM6-ATMOD-AD	RF VITM6 1-10V module
VITM6-ATMOD-DD	RF VITM6 DALI/DSI module
UN-LCDHS	Universal LCD IR handset

