Panasonic



4414 E

ADDRESS SETTING TOOL

Fire alarm solutions technical description

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1. INTRODUCTION

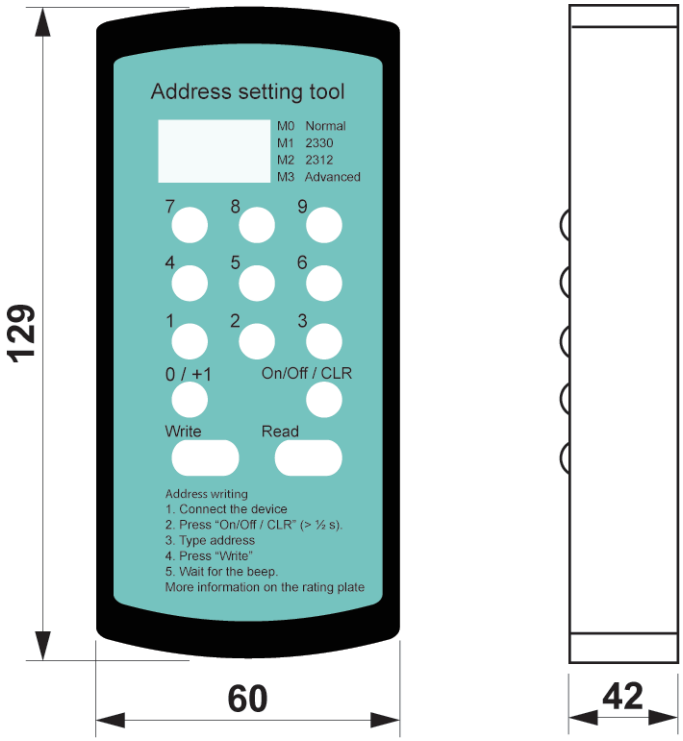
This document describes the address setting tool, type number 4414 E.
The document contains information about the product and instructions on how to mount and connect it.

2. ABBREVIATIONS

CLR	Clear
S/W	software

3. GENERAL DESCRIPTION

The address setting tool is used to set the COM loop unit´s address (000-253) on the analog detectors and all other addressable COM loop units. Address 000 is only used for COM loop units that shall be automatically addressed by the EBL system.
The address setting tool is also used for mode setting of addressable COM loop units.
The tool is intended for indoor use and in dry premises.



(Measure in mm)

3.1. TOOL

The address setting tool is powered by four 1.5 V Alkaline batteries (LR6 / AA). Battery life time is approximately 250 hours or up to 50000 readings / writings.
If the tool has low battery level, there will be a Low Batt message displayed at startup or operation attempt.

3.1.1. CONNECTION CABLE

Some units have flying leads or only screw terminals and cannot be plugged directly on the tool. A connection cable with insulated crocodile clips and push-on terminals is supplied with the address setting tool.

4. SET THE COM LOOP ADDRESS AND MODE

Each COM loop unit has to have a unique COM loop address (001-253). See the COM loop unit respectively for mode information.

M0 = NORMAL mode
M1 = 2330 mode
M2 = 2312 mode
M3 = Advanced mode

How to read

a) Turn on the tool by pressing the On/Off / CLR button. (Press longer than 0.5 s).
b) Press the Read button. READ will be shown in the display.
c) Wait for a beep.
d) The address and mode will be shown in the display.

How to write

a) Turn on the tool by pressing the On/Off / CLR button. (Press longer than 0.5 s).
b) When unit address is 0 (new unit), the tool suggests an appropriate mode, M0 (Normal mode) or M3 (Advanced mode) depending on what type of loop unit. The mode can be changed by pressing the Write and Read buttons at the same time and then select a mode (0-3).
c) Type the COM loop address (001-253).
d) Press the Write button. WRITE will be shown in the display.
e) Wait for a beep.
f) The address and mode will be shown in the display.
g) Write the COM loop address on the address label on the COM loop unit.

If another unit shall be programmed with the same mode and next higher address, the address can be incremented by using the 0/+1 button after a write.

M3 (Advanced mode) is blocked for units which don't support advanced mode.

When the address is 1-253 (a used unit), the tool suggests the most recent used mode for that unit.

The COM loop address and mode settings have to be done before the unit is connected to the COM loop.

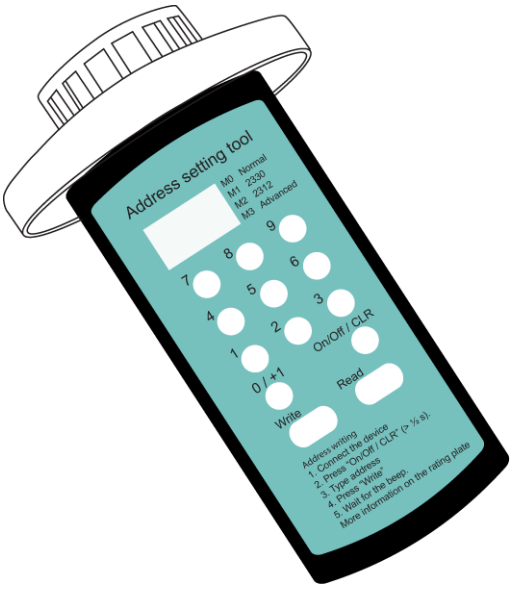
How to write address 000

It is possible to set a COM loop unit to default value, address 0, with this tool. The COM loop unit must have address 0 if automatic addressing function shall be used for the unit.

a) Turn on the tool by pressing the On/Off / CLR button. (Press longer than 0.5 s).
b) Press the 0 button (long hold).
c) Wait for a beep.
d) The address and mode will be shown in the display.

5. CONNECTING

Analog detector´s contact pins (SA / SB) are plugged into the address setting tool´s snap connectors (SA / SB). The connection cable is used to connect to other units. Flying leads should be disconnected and thrown away after use.



6. AUTO-TURN-OFF TIME SETTING

If the tool is not used for 30 seconds it will be turned off in order to save the batteries (default).
This time can be changed and set to any time between 10 and 99 seconds.

a) Press and hold the 0/+1 button while starting the tool. The time setting menu is displayed,
b) Set the “Auto turn off time” to desired time between 10 and 99.
c) Press the Write button.

7. TECHNICAL DATA

All current consumptions are valid by nominal voltage and by 25 °C.

Voltage: Allowed Normal	 4.5 – 6V DC
Current: Quiescent Active	 0 mA 8.5 mA
Address range	001-253
S/W version	1.4
Short circuit isolator	No
Internal battery	Yes
Material	ABS plastic
Ambient temperature: Operating Storage	 0 to +40 °C 0 to +40 °C
Ambient humidity	Maximum 95 % RH (Non condensing)
Ingress protection rating	IP42
Size: H x W x D	 153 x 68 x 42 mm
Weight	320 g including batteries 220 g excluding batteries
Colour	Black / Light green (RAL 6027)

8. APPROVALS

Applicable directive/ Approval	Applicable standards	Notified body
EMC	EN61000-6-3 (Emission) EN50130-4 (Immunity)	Self declaration
RoHS	EN IEC 63000	Self declaration

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