

Fire alarm system

EBL128



EBL128 version 2.0.x ***Daily user's manual***

Author: Jan Pettersson	Date of issue: 2013-10-18	Date of rev:
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1 Introduction

This document is intended to be used for the daily duties like disablements / re-enablements, zone tests, etc. in the EBL128 system.

The document describes the main menus (incl. the sub menus) valid for user level / type "Building officer".¹

Due to continual development and improvement different S/W versions can be found. This document is valid for EBL128 S/W **version 2.0.x**. (x=0 at the "Date of issue" or "Date of revision".)

This document is less detailed and shorter than the Operating Instruction, MEW01623.

NOTE! In the left margin are pictures of the buttons / keys used in the menu respectively. Each picture is only shown one time in each menu – not each time the button / key should be used.

A **User name** and a **Password** is required to **Log on** to the control unit, i.e. for access to the menu system.²

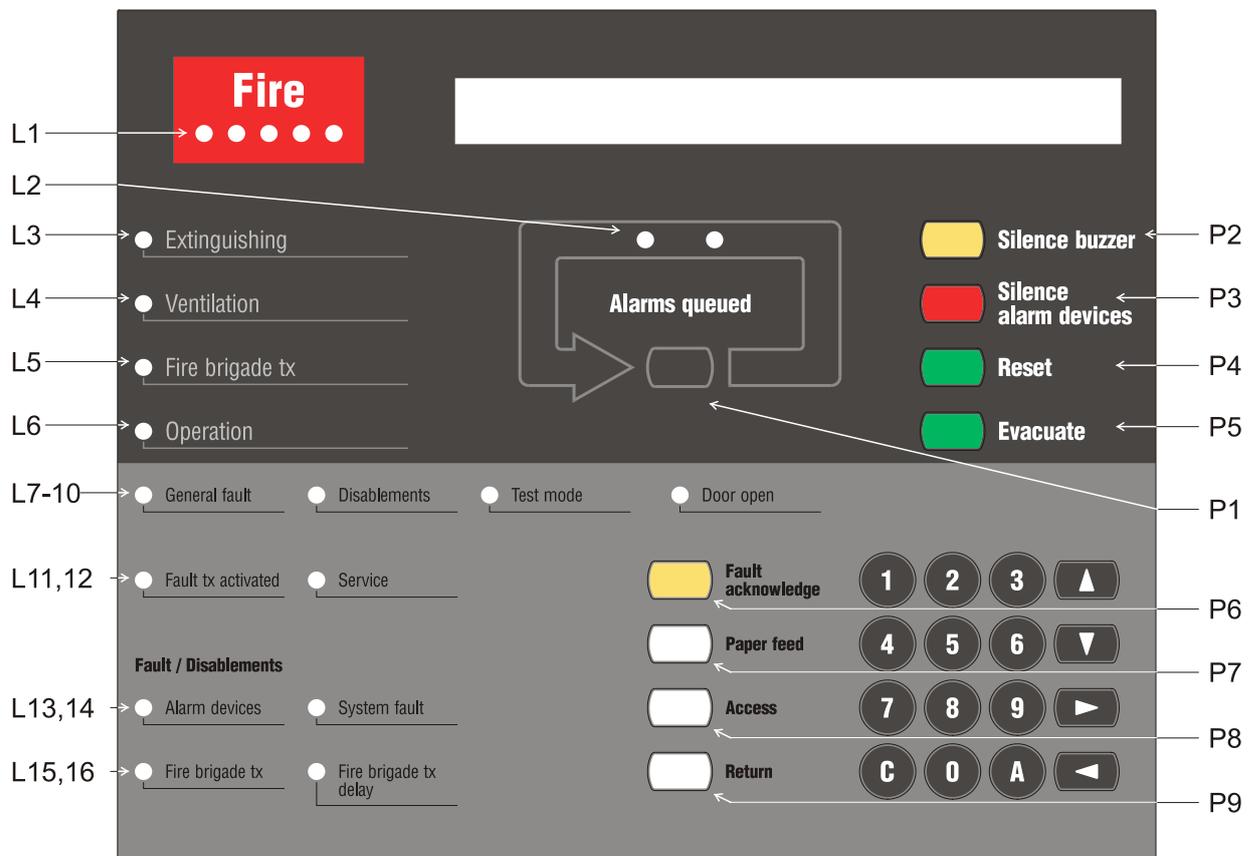
NOTE! In case of fire alarm activated in the system, you have access to the special menus X1-X9 without any log on to the control unit.

The PC program EBLWin is used for commissioning, etc. User names and Passwords can be added and edited via this program.

¹ User levels 1, 2A, 2 B and 2C according to EN54-2.

² The menus available are depending on the user level / type for the user respectively, see chapter "Log on to the Control Unit (c.i.e.)", page 4.

2 Front

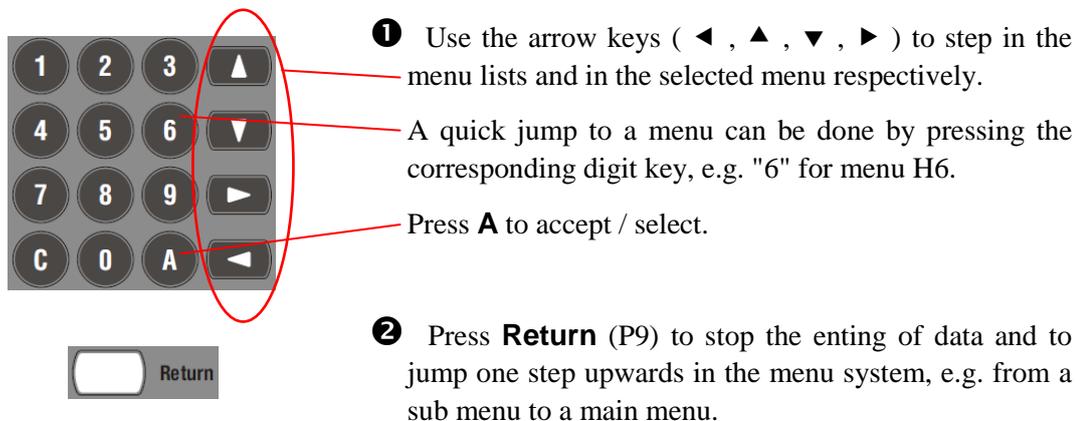


Front, upper (dark grey) part. **Fire Brigade Panel (FBP)**.

Front, lower (light grey) part. Information LEDs, buttons and keypad.

L1-L16 and P1-P9 refer also to the Operating Instructions, MEW01623.

Keypad



You will normally get some information that the action / operation you wanted is performed, (e.g. "Output xx disabled"). If not, the information will be "Operation failed".(Also e.g. if you try to disable a unit that doesn't exist in the installation.)

3 Log on to the Control Unit (c.i.e.)

User name

Up to ten (10) User names (0, 1, 2 - - 9) might be programmed. Default are three User names available (0, 1 and 2) but they might have been changed and/or User names 3 – 9 might have been added during the commissioning of the system. User name examples:

- 0 Information only
 - 1 Building officer
 - 2 Service personnel
 - 3 Mr. XXXXXXXXX
 - 4 Miss YYYYYYYYY
- etc.

Password

Each User name has a Password that gives access to a user level / type, i.e. "Information only", "Building officer" or "Service personnel".

User levels (access level types):

- Information only
- Building officer
- Service personnel

Access to menus according to the following pages.

How to log in



- 1 Press the button "Access" (P8).

```
Log in as:  
0: Information only ->
```



- 2 With the keypad select 0, 1, 2 - - 8 or 9 for a **User name**. (Or use "→" to scroll through the available User names.) Press "A" to accept.
- 3 Type the **Password** for that User name. (Six digits. * * * * * *) For the default "0" (Information only) is no Password required.

After typing a correct Password, main menu H1 or H4 (depending on the user level) will be visible.

- 4 Press "A" to accept, scroll with "↑" and "↓" or do a quick jump³ to the wanted main menu. Press "A" to accept a jump to the first sub menu, e.g. from menu H4 to U1.

³ E.g. in menu H1 press "6" for a quick jump to menu H6.

Log out

You will be logged out when you close the door or 60 minutes after the last action (i.e. if the key pad / push buttons have not been used for 60 min.).

If you leave the menu system but not close the door, press "Access" (P8) to open menu H1 directly, i.e. log in is not required.

For the different user levels the following menus will be available:

Information only

H4 Present system status

- U1 Disablement
- U2 Disablement by time channel
- U3 Sensor values
- U4 Sensors activating SERVICE signal
- U5 Technical warning
- U6 Event log
- U7 Version and alarm counter

H6 Display FAULTS (No possibility to Acknowledge the faults.)

H9 Interlocking outputs and inputs (Only sub menu C1 available.)

- C1 Activated interlocking outputs / inputs

H10 Change password (Only the Password for the User name that was used for log on to the control unit can be changed.)

Building officer (Described in this document.)

H1 Perform monthly test

H2 Disable or re-enable

- B1 Disable zone
- B2 Disable zone-address
- B3 Disable output
- B4 Disable all control, ventilation, exting or interlocking outputs
- B5 Re-enable zone
- B6 Re-enable zone-address
- B7 Re-enable output
- B8 Re-enable all control, ventilation, exting or interlocking outputs
- B9 Disable / re- enable alarm devices
- B10 Disable / re- enable outputs for routing equipment
- B11 Disable / re- enable alert annunciation function

H3 Set calendar and clock

H4 Present system status

- U1 Disablement
- U2 Disablement by time channel
- U3 Sensor values
- U4 Sensors activating SERVICE signal
- U5 Technical warning
- U6 Event log
- U7 Version and alarm counter

H6 FAULT Acknowledge

H7 Perform ZONE TEST

H9 Interlocking outputs and inputs

- C1 Activated interlocking outputs / inputs
- C2 Activate interlocking output
- C3 Reset interlocking output
- C4 Disable interlocking output
- C5 Re-enable interlocking output

H10 Change password (Only the Password for the User name that was used for log on to the control unit can be changed.)

Service personnel

H1 Perform monthly test

Same as **Building officer** but also the following menus:

H5 Service

- A1 Calibration of supervised outputs
- A2 Sensitive fault detection mode
- A3 Service mode for COM loop
- A4 Display current consumption in unit
- A5 Display current consumption on COM loop
- A6 Display statistics for COM loop
- A7 Activate address setting mode for DU
- A8 Show information about site specific data

H8 Maintenance

- S1 Disconnect / Re-connect COM loop
- S2 Disconnect / Re-connect zone line input
- S3 Disconnect / Re-connect addressable zone interface input
- S4 Acknowledge SERVICE signal
- S5 Restore weekly average to default
- S6 Test of alarm devices
- S7 Safe shut down of control unit
- S8 Activate zone-address in alarm mode
- S9 Activate output
- S10 Reset activated output

4 Perform monthly test (H1)

Not available for users with access level / type "Information only".

Regarding the "Test mode" (see ⑥ below) see also page 30.

- ① Log in with a **User name** and **Password** for typ **Building officer** (or Service personnel), see page 5.

H1 Perform monthly test



- ② Press "A".
- ③ Check that all LEDs light up!
- ④ Press "A".
- ⑤ The c.i.e. buzzer sounds, all the dots in the display are shown and all LEDs on the front are turned on.
- ⑥ Press "A". Up to four zones can be set in test mode. Use the keypad to type the zone numbers. Press "A" to start the test.
- ⑦ Perform the tests. Press "A" to end the test..
- ⑧ If the routing equipment **shall not be tested** press "A" and the monthly test is completed. Press "A" to menu H1. Go to ⑨ below.

If the routing equipment **shall be tested** press "1". To start the test press "A". Started test is indicated by LED "Fault tx activated" (L11) and after 30 seconds also LED "Fire brigade tx" (L5).⁴ After 60 seconds (in total) the routing equipment test is ended and the LEDs are turned off. The monthly test is completed. Press "A" to menu H1.



- ⑨ Menu H1 is shown. Scroll to another menu or leave the menu system by pressing "Return" (P9).

⁴ If a "Fire brigade tx" output is programmed.

5 Disable or re-enable (H2)

Not available for users with access level / type "Information only".

Any disablement in the system is indicated by the LED "Disablements" (L8).

5.1 Disable zone (B1)

All zones (01-99) can be individually disabled via menu B1. Normally all alarm points within the zone will be disabled **except** the addressable manual call points.

- 1 Log in with a **User name** and **Password** for typ **Building officer** (or Service personnel), see page 5.

H1 Perform monthly test



Scroll (or press "2") to menu H2.

H2 Disable or re-enable



- 2 Press "A" to sub menu B1.

B1 Disable zone

- 3 Press "A".
- 4 Use the keypad to type the zone number (01-99). Press "A".

The zone can be automatically re-enabled.

If **automatic re-enabling** shall **not** be used press "A". Go to 5.

If **automatic re-enabling** shall be used, press "1" and use the keypad to set the time. Press "A".



- 5 The zone is disabled. Press "A". When required, disable more zones or press "Return" to menu B1.
- 6 Scroll to another menu or press "Return" to menu H2. Scroll to another menu or leave the menu system by pressing "Return".

5.2 Disable zone-address (B2)

Not available for users with access level / type "Information only".

Up to 100 addressable alarm points (zone-address) can be individually disabled via menu B2. Also addressable manual call points.

- 1 Log in with a **User name** and **Password** for typ **Building officer** (or Service personnel), see page 5.

H1 Perform monthly test



Scroll (or press "2") to menu H2.

H2 Disable or re-enable



- 2 Press "A" to sub menu B1.

B1 Disable zone

- 3 Scroll (or press "2") to menu B2.

B2 Disable zone-address

- 4 Press "A".
- 5 Use the keypad to type the zone number (01-99) and the address (01-99). Press "A".

The alarm point can be automatically re-enabled.

If **automatic re-enabling** shall **not** be used press "A". Go to 6.

If **automatic re-enabling** shall be used, press "1" and use the keypad to set the time. Press "A".



- 6 The alarm point (zone-address) is disabled. Press "A". When required, disable more alarm points or press "Return" to menu B2.
- 7 Scroll to another menu or press "Return" to menu H2. Scroll to another menu or leave the menu system by pressing "Return".

5.3 Disable output (B3)

Not available for users with access level / type "Information only".

Up to 100 control outputs, **except outputs of type "alarm device"**, can be individually disabled via menu B3. Disabled output will stay in (or return to) the normal condition for the output respectively.

- 1 Log in with a **User name** and **Password** for typ **Building officer** (or Service personnel), see page 5.

H1 Perform monthly test



Scroll (or press "2") to menu H2.

H2 Disable or re-enable



- 2 Press "A" to sub menu B1.

B1 Disable zone

- 3 Scroll (or press "3") to menu B3.

B3 Disable output

- 4 Press "A".
- 5 Use the keypad to select "type" of output:
 - 0=Loop unit (3361, 3364, 3377/4477, 3379, 4380 or 4383) output.
 - 1=C.i.e. output S0 or S1. (Default programmed as type "Alarm device", i.e. cannot be individually disabled.)
 - 2=C.i.e. output R0. (Default programmed as type "Routing equipment" – Fire brigade tx, i.e. can in that case also be disabled via menu B10.)
 - 3=C.i.e. expansion board (4581 or 4583) output.Press "A".
- 6 Depending on the selected type, use the keypad to type additional data:
 - 0: Output number (0-2)⁵ and COM loop (technical) address.
 - 1: Output (S)number 0-1.
 - 2: Output (R)number 0
 - 3: Output number (0-7) and expansion board number (0-3).Press "A".



- 7 Disabled (or not disabled) output information is shown. Press "A". When required, disable more outputs or press "Return" to menu B3.
- 8 Scroll to another menu or press "Return" to menu H2. Scroll to another menu or leave the menu system by pressing "Return".

⁵ Regarding the units 3377/4477 and 3379: Output number 0=high priority, 1=medium priority and 2=low priority.

5.4 Disable all control, ventilation, exting or interlocking outputs (B4)

Not available for users with access level / type "Information only".

Outputs programmed as type Control (general), type Fire ventilation, type Extinguishing system and type Interlocking can for the type respectively be collectively disabled (all at the same time) via menu B4. Disabled output will stay in (or return to) the normal condition for the output respectively.

- 1 Log in with a **User name** and **Password** for typ **Building officer** (or Service personnel), see page 5.

H1 Perform monthly test



Scroll (or press "2") to menu H2.

H2 Disable or re-enable



- 2 Press "A" to sub menu B1.

B1 Disable zone

- 3 Scroll (or press "4") to menu B4.

B4 Disable all control, ventilation, exting or interlocking outputs

- 4 Press "A".
- 5 Use the keypad to select output type:
0=Outputs type **Control** (not control neutral).
1=Outputs type **Ventilation**
2=Outputs type **Extinguishing**
3=Output type **Interlocking**.
Press "A".



- 6 Disabled (or not disabled) output type information is shown. Press "A". When required, disable more output types or press "Return" to menu B4.
- 7 Scroll to another menu or press "Return" to menu H2. Scroll to another menu or leave the menu system by pressing "Return".

5.5 Re-enable zone (B5)

Not available for users with access level / type "Information only".

Disabled zones are listed in menu H4/U1.

Re-enabling via menu B5 has higher priority than automatic re-enabling.

NOTE! Alarm points that have been individually disabled via menu H2/B2 cannot be collectively re-enabled via menu B5. They have to be individually re-enabled via menu H2/B6.

If there is nothing to re-enable, --- List is empty --- will be shown.

- 1 Log in with a **User name** and **Password** for typ **Building officer** (or Service personnel), see page 5.

H1 Perform monthly test



Scroll (or press "2") to menu H2.

H2 Disable or re-enable



- 2 Press "A" to sub menu B1.

B1 Disable zone

- 3 Scroll (or press "5") to menu B5.

B5 Re-enable zone



- 4 Press "A". L=This is a list in which you can scroll. Select a zone.

- 5 To re-enable the selected zone press "A".



- 6 When required, re-enable more zones or press "Return" (P9) to menu B5.

- 7 Scroll to another menu or press "Return" to menu H2. Scroll to another menu or leave the menu system by pressing "Return".

5.6 Re-enable zone-address (B6)

Not available for users with access level / type "Information only".

Disabled alarm points (zone – address) are listed in menu H4/U1.

Re-enabling via this menu has higher priority than automatic re-enabling.

Alarm points / zones disabled via the "Encapsulation function" have to be re-enabled via this menu (B6) before they can activate a new alarm. In this case a zone will be presented as ZZ - 00 (ZZ=01-99).

If there is nothing to re-enable, --- List is empty --- will be shown.

- 1 Log in with a **User name** and **Password** for typ **Building officer** (or Service personnel), see page 5.

H1 Perform monthly test



Scroll (or press "2") to menu H2.

H2 Disable or re-enable



- 2 Press "A" to sub menu B1.

B1 Disable zone

- 3 Scroll (or press "6") to menu B6.

B6 Re-enable zone-address



- 4 Press "A". L=This is a list in which you can scroll. Select an alarm point (zone-address).

- 5 To re-enable the selected alarm point press "A".



- 6 When required, re-enable more alarm points or press "Return" (P9) to menu B6.

- 7 Scroll to another menu or press "Return" to menu H2. Scroll to another menu or leave the menu system by pressing "Return".

5.7 Re-enable output (B7)

Not available for users with access level / type "Information only".

Disabled outputs are listed in menu H4/U1.

If there is nothing to re-enable, --- List is empty --- will be shown.

- 1 Log in with a **User name** and **Password** for typ **Building officer** (or Service personnel), see page 5.

H1 Perform monthly test



Scroll (or press "2") to menu H2.

H2 Disable or re-enable



- 2 Press "A" to sub menu B1.

B1 Disable zone

- 3 Scroll (or press "7") to menu B7.

B7 Re-enable output

- 4 Press "A".
- 5 Only disabled "types" will be shown. Use the keypad to select "type" of output:
 - 0=Loop unit (3361, 3364, 3377/4477, 3379, 4380 or 4383) output.
 - 1=C.i.e. output S0 or S1. (Default programmed as type "Alarm device", i.e. cannot be individually disabled.)
 - 2=C.i.e. output R0. (Default programmed as type "Routing equipment" – Fire brigade tx, i.e. can in that case also be disabled via menu B10.)
 - 3=C.i.e. expansion board (4581 or 4583) output.
- 6 Press "A". **L**=This is a list in which you can scroll. Select the output to re-enable press "A".



- 7 When required, re-enable more outputs or press "Return" (P9) until menu B7 is shown.
- 8 Scroll to another menu or press "Return" to menu H2. Scroll to another menu or leave the menu system by pressing "Return".

5.8 Re-enable all control, ventilation, exting or interlocking outputs (B8)

Not available for users with access level / type "Information only".

Disabled outputs are listed in menu H4/U1.

If there is nothing to re-enable, --- List is empty --- will be shown.

- 1 Log in with a **User name** and **Password** for typ **Building officer** (or Service personnel), see page 5.

H1 Perform monthly test



Scroll (or press "2") to menu H2.

H2 Disable or re-enable



- 2 Press "A" to sub menu B1.

B1 Disable zone

- 3 Scroll (or press "8") to menu B8.

B8 Re-enable all control, ventilation, exting or interlocking outputs

- 4 Press "A".
- 5 Only disabled output types will be shown. Use the keypad to select output type:
 - 0=Outputs type **Control** (not control neutral).
 - 1=Outputs type **Ventilation**
 - 2=Outputs type **Extinguishing**
 - 3=Output type **Interlocking**.

Press "A".



- 6 When required, re-enable more outputs or press "Return" (P9) until menu B8 is shown.
- 8 Scroll to another menu or press "Return" to menu H2. Scroll to another menu or leave the menu system by pressing "Return".

5.9 Disable / re-enable alarm devices (B9)

Not available for users with access level / type "Information only".

Disabled alarm devices are listed in menu H4/U1.

Outputs for alarm devices can be collectively disabled and re-enabled via this menu (B9). Disabled output will stay disabled, until re-enabled again via this menu.

Alarm devices = outputs programmed as type "alarm device" as well as the COM loop units 3377/4477, 3379, 4380 and 4383.

When all outputs of type Alarm devices have been disabled, also the LED "**Fault / Disablements** Alarm devices" (L13) will be turned ON.

When all outputs of type Alarm devices have been re-enabled, the LED "**Fault / Disablements** Alarm devices" (L13) will be turned OFF.

NOTE! This function for alarm devices is **not** the same as for push button "Silence alarm devices" (P3) – unless the option *Button "Silence alarm devices" disables alarm devices*, is selected in EBLwin System properties. This menu (B9) has higher priority than the push button "Silence alarm devices".

- 1 Log in with a **User name** and **Password** for typ **Building officer** (or Service personnel), see page 5.

H1 Perform monthly test



Scroll (or press "2") to menu H2.

H2 Disable or re-enable



- 2 Press "A" to sub menu B1.

B1 Disable zone

- 3 Scroll (or press "9") to menu B9.

B9 Disable / re-enable alarm devices

- 4 Press "A".
Alarm devices in normal condition
or
Alarm devices disabled
will be shown.

- 5 Press "A". The condition changes.

- 6 Press "Return" (P9) to menu B9.



- 7 Scroll to another menu or press "Return" to menu H2. Scroll to another menu or leave the menu system by pressing "Return".

5.10 Disable / re-enable outputs for routing equipment (B10)

Not available for users with access level / type "Information only".

Disabled outputs for routing equipment are listed in menu H4/U1.

Outputs for routing equipment (fire brigade tx / fault tx) can be disabled and re-enabled via this menu (B10). Disabled output will stay disabled, until re-enabled again via this menu.

Can be useful during an installation and test period, when only local alarms are required.

Disabled output for routing equipment is also indicated by LED "Fault / Disablements Fire brigade tx" (L15).

- 1 Log in with a **User name** and **Password** for typ **Building officer** (or Service personnel), see page 5.



H1 Perform monthly test

Scroll (or press "2") to menu H2.



H2 Disable or re-enable

- 2 Press "A" to sub menu B1.

B1 Disable zone

- 3 Scroll (or press "0") to menu B10.

B10 Disable / re-enable outputs for routing equipment

- 4 Press "A".

The actual status for the output FIRE and FAULT respectively will be shown. Use the keypad to select:

1=enabled

or

0=disabled



for the output respectively.

Step right / left with the arrow keys.

- 5 Press "A". The new status for the output FIRE and FAULT respectively will be shown.

- 6 Press "A" and "Return" (P9) to menu B10.

- 
- 7 Scroll to another menu or press "Return" to menu H2. Scroll to another menu or leave the menu system by pressing "Return".

5.11 Disable / re-enable alert annunciation function (B11)

Not available for users with access level / type "Information only".

Normal operation:

For alarm points / zones programmed for Alert Annunciation (via EBLWin) is normally the **AA** function enabled via a time channel, e.g. enabled daytime (during working hours) and disabled night time. As an alternative, the **AA** function can be continuously enabled.

Turned Off

Via this menu (B11) it is possible to disable the **AA** function, i.e. the **AA** function will be disabled for the alarm points / zones programmed for Alert Annunciation in spite of the time channel is "on" or if they are programmed to be continuously enabled.

The **AA** function will stay disabled until re-enabled again via this menu.

NOTE! Disabled Alert Annunciation function is indicated by LED "Fault / Disablements Fire brigade tx delay" (L16) turned off.

- 1 Log in with a **User name** and **Password** for typ **Building officer** (or Service personnel), see page 5.

H1 Perform monthly test



Scroll (or press "2") to menu H2.

H2 Disable or re-enable



- 2 Press "A" to sub menu B1.

B1 Disable zone

- 3 Scroll to menu B11.

B11 Disable / re-enable alert annunciation function

- 4 Press "A".

Alert annunciation function is in normal operation

or

Alert annunciation function turned off

will be shown.

- 5 Press "A". The status changes.

- 6 Press "Return" (P9) to menu B11.



- 7 Scroll to another menu or press "Return" to menu H2. Scroll to another menu or leave the menu system by pressing "Return".

6 Set calendar and clock (H3)

Not available for users with access level / type "Information only".

When required, the clock can be corrected, so that the "time stamps" for fire alarms, faults, etc. will be correct.

NOTE! The RTC component has no built-in battery, i.e. if EBL128 has been powerless (no mains and no battery backup) and after software download, the date, day of the week and the time have to be set when EBL128 is powered-up again.

- 1 Log in with a **User name** and **Password** for typ **Building officer** (or Service personnel), see page 5.

H1 Perform monthly test



Scroll (or press "3") to menu H3.

H3 Set calendar and clock



- 2 Press "A".



- 3 Use the keypad to set the date, time and weekday.
Step right / left with the arrow keys.



- 4 If the changes shall be saved, press "A", if **not** press "Return" (P9) to menu H3.



- 5 Scroll to another menu or leave the menu system by pressing "Return".

7 Present system status (H4)

7.1 Disablement (U1)

A list of all disablements (done via menu H2/Bx). Also alarm points that have been automatically disabled ("encapsulated") in conjunction with fire alarm reset.

NOTE! Disablements by time channel(s) are listed in menu H4/U2.

If the list is empty, "- - - List is empty - - -" will be shown.

The LED "Disablements" (L8) is indicating one or more disablements in the system and depending on the type of disablements, also the LEDs "Fault / Disablements Alarm devices" (L13) and/or "Fire brigade tx" (L15).

- 1 Log in with a **User name** and **Password** for typ **Building officer** (or Service personnel), see page 5.

H1 Perform monthly test



Scroll (or press "4") to menu H4.

H4 Present system status



- 2 Press "A" to sub menu U1.

U1 Disablement



- 3 Press "A". L=This is a list in which you can scroll.



- 4 Press "Return" (P9) to menu U1.



- 5 Scroll to another menu or press "Return" to menu H4. Scroll to another menu or leave the menu system by pressing "Return".

7.2 Disablement by time channel (U2)

Only disablements by time channel will be displayed in menu U2. Other disablements will be displayed in menu U1.

If the list is empty, "- - - List is empty - - -" will be shown.

The LED "Disablements" (L8) is indicating one or more disablements in the system and depending on the type of disablements, also the LEDs "Fault / Disablements Alarm devices" (L13) and/or "Fire brigade tx" (L15).

- 1 Log in with a **User name** and **Password** for typ **Building officer** (or Service personnel), see page 5.

H1 Perform monthly test



Scroll (or press "4") to menu H4.

H4 Present system status



- 2 Press "A" to sub menu U1.

U1 Disablement

- 3 Scroll (or press "2") to menu U2.

U2 Disablement by time channel



- 4 Press "A". L=This is a list in which you can scroll.

- 5 Press "Return" (P9) to menu U2.



- 6 Scroll to another menu or press "Return" to menu H4. Scroll to another menu or leave the menu system by pressing "Return".

7.3 Sensor values (U3)

NOTE! The Performance factor and the Min. and Max values are updated at midnight, i.e. the values are from the previous day.

If the week average sensor value ("Weekly") is **00.0%**/m, check again approx. 2 minutes later.

If the list is empty, "- - - List is empty - - -" will be shown.

- 1 Log in with a **User name** and **Password** for typ **Building officer** (or Service personnel), see page 5.

H1 Perform monthly test



Scroll (or press "4") to menu H4.

H4 Present system status

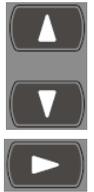


- 2 Press "A" to sub menu U1.

U1 Disablement

- 3 Scroll (or press "3") to menu U3.

U3 Sensor values



- 4 Press "A". Use the keypad to specify the "Start sensor:". The default zone-address 00-00 can be used.
- 5 Press "A". This is a list in which you can scroll. Depending on if it is a heat, smoke or multi detector, the information⁶ is different. For a multi detector use "→" for more information. After the last detector / sensor, "No more sensors found in the system" will be shown.



- 6 Press "Return" (P9) two times to menu U3.
- 7 Scroll to another menu or press "Return" to menu H4. Scroll to another menu or leave the menu system by pressing "Return".

⁶ The information is described in EBL128 Operating Instructions MEW01623.

7.4 Sensors activating SERVICE signal (U4)

Service signal is indicated by LED "Service" (L12). The week average sensor value is over the service level respectively for one or more detectors / sensors. (Regarding the service signal levels, see Planning Instructions, chapter "Service signal").

Menu U4 is a list of the sensor(s) activating service signal, which is an information only. These sensor(s) have to be replaced. Contact Service personnel.

The service signal has to be acknowledged in conjunction with the replacement but this can only be done by users with access level / type "Service personnel".

If there are no sensors activating service signal,
--- List is empty --- will be shown.

- 1 Log in with a **User name** and **Password** for typ **Building officer** (or Service personnel), see page 5.

H1 Perform monthly test



Scroll (or press "4") to menu H4.

H4 Present system status



- 2 Press "A" to sub menu U1.

U1 Disablement

- 3 Scroll (or press "4") to menu U4.

U4 Sensors activating SERVICE signal



- 4 Press "A". L=This is a list in which you can scroll.

- 5 Press "Return" (P9) to menu U4.



- 6 Scroll to another menu or press "Return" to menu H4. Scroll to another menu or leave the menu system by pressing "Return".

7.5 Technical warning (U5)

One or more Technical warnings in the system are indicated in the display with **[i]**.

Menu U5 is a list of the Technical warnings in the system.

If there are no Technical warnings, --- List is empty --- will be shown.

- 1 Log in with a **User name** and **Password** for typ **Building officer** (or Service personnel), see page 5.

H1 Perform monthly test



Scroll (or press "4") to menu H4.

H4 Present system status



- 2 Press "A" to sub menu U1.

U1 Disablement

- 3 Scroll (or press "5") to menu U5.

U5 Technical warning



- 4 Press "A". This is a list in which you can scroll.

- 5 Press "Return" (P9) to menu U5.



- 6 Scroll to another menu or press "Return" to menu H4. Scroll to another menu or leave the menu system by pressing "Return".

7.6 Event log (U6)

Presentation of the events in EBL128 is divided into three event lists, **Alarm**, **Interlocking** and **General** respectively. The event lists can also be read via EBLWin and the Web-server II.

Each list can have up to 500 events. The most recent event is shown in the top of the list.

The initials of the person logged on to the system (e.g. JP) will also be shown for each event when applicable (i.e. for commands). Commands done via EBLWin and the Web-server will also be shown.

NOTE! The event logging is disabled as long as this menu (U6) is open.

- 1 Log in with a **User name** and **Password** for typ **Building officer** (or Service personnel), see page 5.

H1 Perform monthly test



Scroll (or press "4") to menu H4.

H4 Present system status



- 2 Press "A" to sub menu U1.

U1 Disablement

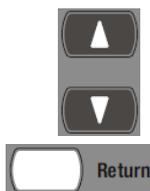
- 3 Scroll (or press "6") to menu U6.

U6 Event log

- 4 Press "A". Use the keypad to select event log:
0=Alarm (not control neutral).
1=Interlocking
2=General

Press "A".

- 5 This is a list in which you can scroll.
- 6 Press "Return" (P9) and select another event log or press "Return" again to menu U6.
- 7 Scroll to another menu or press "Return" to menu H4. Scroll to another menu or leave the menu system by pressing "Return".



7.7 Version and alarm counter (U7)

Version: The EBL128 software / firmware version.

Alarm counter The alarm counter is increased with "1" every time the c.i.e. enters the real "fire alarm condition" (Fire alarm indication in the display, LEDs "Fire" lit and the c.i.e. buzzer sounding), i.e. not for zones in test mode. It starts on 000 and goes to 999. It can be reset to 000 via EBLWin (Control unit menu "Reset alarm counter..."). It is stored in an EEPROM, i.e. the value will be retained also after the c.i.e. has been powerless.

- 1 Log in with a **User name** and **Password** for typ **Building officer** (or Service personnel), see page 5.

H1 Perform monthly test



Scroll (or press "4") to menu H4.

H4 Present system status



- 2 Press "A" to sub menu U1.

U1 Disablement

- 3 Scroll (or press "7") to menu U7.

U7 Version and alarm counter

- 4 Press "A". Version and Alarm counter is shown.



- 5 Press "Return" (P9) to menu U7.

- 6 Scroll to another menu or press "Return" to menu H4. Scroll to another menu or leave the menu system by pressing "Return".

8 FAULT Acknowledge (H6)

Users with access level / type "Information only" can only see the fault messages, not acknowledge the faults.

LED "General fault" (L7) is indicating that not all faults are acknowledged and/or corrected.

LED "Fault tx activated" (L11) is indicating that the output for *Fault condition routing equipment* (Fault tx) is activated. The LED will be turned off when all faults are acknowledged.

All faults are normally latched, i.e. all faults have to be acknowledged. All fault events are stored in the General event log and can be listed. .

In this menu (H6) are up to 200 faults listed:

- Not corrected and not acknowledged faults (**no status info.**)
- Not corrected but acknowledged faults (status: **Acknowledged**)
- Corrected but not acknowledged faults (status: **Serviced**)⁷

If there are no faults, --- List is empty --- will be shown.

- 1 Log in with a **User name** and **Password** for typ **Building officer** (or Service personnel), see page 5.

H1 Perform monthly test



Scroll (or press "6") to menu H6.

H6 FAULT Acknowledge



- 2 Press "A". This is a list in which you can scroll. The first fault in the list is the most recent fault. Status info., see above.



- 3 ..When applicable, press "→" for more info.



- 4 To acknowledge the fault shown in the display, press "Fault acknowledge" (P6). The status will change to **Acknowledged** if the fault is not corrected / serviced. If the fault is corrected / serviced it will disappear from the list. Press "Return" (P9) to leave the list and go to menu H6.



- 5 Scroll to another menu or leave the menu system by pressing "Return".

⁷ If faults are set – via EBLWin – to be "Not latched", **Serviced** will never be shown.

9 Perform ZONE TEST (H7)

Not available for users with access level / type "Information only".

Normally, zones are tested during the monthly test via menu H1. Via menu H7 it is possible to solely perform the zone test. Up to 99 zones can be set in test mode, which is indicated by the LED "Test mode" (L9). In test mode, only the alarm points are tested, i.e. no outputs (no sounders) will be activated during the test, except the fire door outputs. Each test mode alarm will be automatically reset after approx. 10 seconds.

If a real fire alarm is activated by **an alarm point not in test mode**, the normal fire alarm functions will be activated, i.e. fire alarm presentation, outputs (sounders) activated, routing equipment (fire brigade tx) activated, etc. but the zone(s) in test mode will remain in test mode until the test mode is ended.

There will be an automatic ending of the test mode one hour after the latest tested alarm point / zone.

NOTE! If the door in EBL128 is left open, the output(s) for routing equipment (fire brigade tx) might be disabled (if set so in EBLWin).

- 1 Log in with a **User name** and **Password** for typ **Building officer** (or Service personnel), see page 5.

H1 Perform monthly test



Scroll (or press "7") to menu H7.

H7 Perform ZONE TEST



- 2 Press "A". The sub menu "Set zone in test mode **D1**" opens.
- 3 Press "A". Use the keypad to set one zone (ZZ=01-99) in test mode.
- 4 Press "A". The zone ZZ is now in test mode.
- 5 Press "A". If more zones shall be set in testmode, do like above, if not press "Return" to menu D1.



- 6 Perform the testing. To end the test mode for one zone press "↓".



- 7 The sub menu "End zone in test mode **D2**" opens.



- 8 Press "A". L=This is a list in which you can scroll. Select the zone for wich the test mode shall be ended.



- 9 Press "A". The next zone in the list will be shown. End the test mode like above. After the last zone --- List is empty --- will be shown.

- 10 Press "Return" to menu D2.

- 1 Press "Return" to menu H7. Scroll to another menu or leave the menu system by pressing "Return".

10 Interlocking outputs and inputs (H9)

Each interlocking combination (Area - Point) normally contains one interlocking output and one interlocking input.

10.1 Activated interlocking outputs / inputs (C1)

If there are no interlocking outputs / inputs activated,
--- List is empty --- will be shown.

- 1 Log in with a **User name** and **Password** for typ **Building officer** (or Service personnel), see page 5.

H1 Perform monthly test



Scroll (or press "9") to menu H9.

H9 Interlocking outputs and inputs



- 2 Press "A" to sub menu C1.

C1 Activated interlocking outputs / inputs



- 3 Press "A". This is a list in which you can scroll.



- 4 Press "Return" (P9) to menu C1.
- 5 Scroll to another menu or press "Return" to menu H9. Scroll to another menu or leave the menu system by pressing "Return".

10.2 Activate interlocking output (C2)

Not available for users with access level / type "Information only".

The output in each interlocking combination (Area - Point) can be manually activated via this menu (C2). The corresponding interlocking input will be "monitored" in the same way as if the output was activated by its control expression. Reset of the output activated via menu C2 **has to** be performed via menu C3.

- 1 Log in with a **User name** and **Password** for typ **Building officer** (or Service personnel), see page 5.

H1 Perform monthly test



Scroll (or press "9") to menu H9.

H9 Interlocking outputs and inputs



- 2 Press "A" to sub menu C1.

C1 Activated interlocking outputs / inputs

- 3 Scroll (or press "2") to menu C2.

C2 Activate interlocking output

- 4 Press "A". Use the keypad to specify Area – Point (AA and PP) for the interlocking output to be activated.
- 5 Press "A". Interlocking output AA-PP activated.
- 6 Press "A". If more interlocking outputs shall be activated do as above, if not press "Return" to menu C2.
- 7 Scroll to another menu or press "Return" to menu H9. Scroll to another menu or leave the menu system by pressing "Return".



10.3 Reset interlocking output (C3)

Not available for users with access level / type "Information only".

Interlocking output activated via its control expression and with latching output selected (in EBLWin): The output **has to** be reset via this menu (C3).

Interlocking output activated via its control expression and with latching output not selected: The output **can** be reset via this menu (C3).

Interlocking output activated via menu C2 **has to** be reset via this menu (C3).

If there are no interlocking outputs to reset,
--- List is empty --- will be shown.

- 1 Log in with a **User name** and **Password** for typ **Building officer** (or Service personnel), see page 5.

H1 Perform monthly test



Scroll (or press "9") to menu H9.

H9 Interlocking outputs and inputs



- 2 Press "A" to sub menu C1.

C1 Activated interlocking outputs / inputs

- 3 Scroll (or press "3") to menu C3.

C3 Reset interlocking output



- 4 Press "A". This is a list in which you can scroll. Select the Area – Point for the interlocking output to be reset. Press "A" to reset the output or press "Return" (P9) to menu C3.

- 5 Press "A". If more interlocking outputs shall be reset do as above, if not press "Return" to menu C3.

- 6 Scroll to another menu or press "Return" to menu H9. Scroll to another menu or leave the menu system by pressing "Return".

10.4 Disable interlocking output (C4)

Not available for users with access level / type "Information only".

Up to 100 Interlocking outputs (Type = Interlocking) can be individually disabled via this menu (C4) but not via menu H2.

All interlocking outputs can be collectively disabled via menu H2/B4.

Disabled interlocking outputs are listed in menu H4/U1. The LED "Disablements" (L8) is also indicating one or more disabled interlocking outputs.

- 1 Log in with a **User name** and **Password** for typ **Building officer** (or Service personnel), see page 5.

H1 Perform monthly test



Scroll (or press "9") to menu H9.

H9 Interlocking outputs and inputs



- 2 Press "A" to sub menu C1.

C1 Activated interlocking outputs / inputs

- 3 Scroll (or press "4") to menu C4.

C4 Disable interlocking output

- 4 Press "A". Use the keypad to specify Area – Point (AA and PP) for the interlocking output to be disabled.

- 5 Press "A". Interlocking output AA-PP disabled.



- 6 Press "A". If more interlocking outputs shall be activated do as above, if not press "Return" to menu C4.

- 7 Scroll to another menu or press "Return" to menu H9. Scroll to another menu or leave the menu system by pressing "Return".

10.5 Re-enable interlocking output (C5)

Not available for users with access level / type "Information only".

Disabled interlocking outputs are listed in menu H4/U1.

Individually disabled interlocking outputs (Type = Interlocking) have to be re-enabled via this menu (C5).

All interlocking outputs disabled via menu H2/B4, **has to** be re-enabled via menu H2/B8.

If there are no interlocking outputs to re-enable,
--- List is empty --- will be shown.

- 1 Log in with a **User name** and **Password** for typ **Building officer** (or Service personnel), see page 5.

H1 Perform monthly test



Scroll (or press "9") to menu H9.

H9 Interlocking outputs and inputs



- 2 Press "A" to sub menu C1.

C1 Activated interlocking outputs / inputs

- 3 Scroll (or press "5") to menu C5.

C5 Re-enable interlocking output



- 4 Press "A". This is a list in which you can scroll. Select the Area – Point for the interlocking output to be re-enabled. Press "A" to re-enable the output or press "Return" (P9) to menu C5.
- 5 Press "A". If more interlocking outputs shall be re-enabled do as above, if not press "Return" to menu C5.
- 6 Scroll to another menu or press "Return" to menu H9. Scroll to another menu or leave the menu system by pressing "Return".

11 Change password (H10)

You can change the Password for the User name that was used for log on to the control unit. An incorrect password will result in no change.

H1 Perform monthly test



Scroll (or press "0") to menu H10.

H10 Change password



② Press "A". Use the keypad to enter the password that shall be changed, the new password (six digits) and verify the new password.

③ Password is changed.



④ Press "Return" (P9) to menu H10. Scroll to another menu or leave the menu system by pressing "Return".

12 **Revision history**

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Panasonic ideas for life

Panasonic Eco Solutions Nordic AB
Jungmansgatan 12, SE-211 19 Malmö, Sweden
Tel: +46 (0)40 697 70 00 • Fax: +46 (0)40 697 70 99
info.pesn@eu.panasonic.com • <http://pesn.panasonic.se>

