

FIRE BRIGADE LOOP PANEL BU-110

AutoSafe 4 Interactive Fire Detection System Product Datasheet

Features

- User-friendly display and operator controls
- Scroll function for more alarms
- Text display suitable for full darkness operation
- On-wall mounting
- Conforms to EN 54 regulations
- Conforms to CE standards
- Designed to meet the requirement of the major maritime classification societies

Description / Application

The unit has been designed for use with AutoSafe 4 Interactive Fire Detection System.

From the Fire Brigade Loop Panel BU-110 it is possible to mute the panel's internal buzzer, silence/resound sounders/bells etc. and reset the system.

The panel can be configured (by means of the configuration tool) to show detection zones and point information in an alarm situation, or detection zones only.

Only points in alarm are shown in the display. Faults and disablements are indicated by LED indicators. The total number of detection zones in alarm will always be shown.

By operating the More Events Button, it is possible to scroll through and view detailed information of the first 64 alarms (or 32 first alarms, if the panel is configured to show both detection zones and points).
The panel is powered by the detection loop.

Operator controls

The panel offers the following buttons:

- More Events button for scrolling through several alarms
- Silence Buzzer (60 dB) for silencing the internal buzzer (access level 1). The internal buzzer will remain muted until a new alarm is triggered
- Silence Alarm button
- Combined Reset button/Lamp Test (access level 1)
- Contrast settings: to start the contrast settings (access level 1), press and hold the Silence Buzzer button for 5 seconds until audible beep, observe changes, then release the button to confirm the new contrast (a new audible beep is heard)



Indicators

The panel provides the following indicators:

- Fire symbol, Alarm Routing Activated, Fault, Function Disabled, Test, System Fault, Power, More Events
- Internal buzzer

Capacity

A maximum of 8 panels can be connected to the detection loop.

Compatibility - AutoGuard Protectors

When using AutoGuard protectors, note that BU-110 firmware 1.6 or newer is required.

Product Name	Part number	Description
BU-110	116-BU-110	Fire Brigade Loop Panel

Technical specifications	
Dimensions (mm)	154 x 310 x 45
Weight (g)	0,8kg
Housing material	ABS/PC moulded front
Mounting	On-wall, requires flat surface to maintain IP rating (IP32)
Protection class	IEC529 / IP32
Storage temperature range	-30 to +70 °C
Operating temperature range	-15 to +70 °C
Humidity non-condensing	Maximum 95% RH
Humidity	10% - 95% RH (non-condensing)
Connections	AL_Com Detection Loop
Cable terminals	Max 2.5 mm ² single core wires
Cable requirements AL_Com	Refer to specification for AutoSafe or Autoprime
Current consumption	6mA (max) <1mA (idle)

Approvals

Refer to www.autronicafire.com

Approvals
EN54-17, EN54-18, EN54-2
IACS-E10
CE

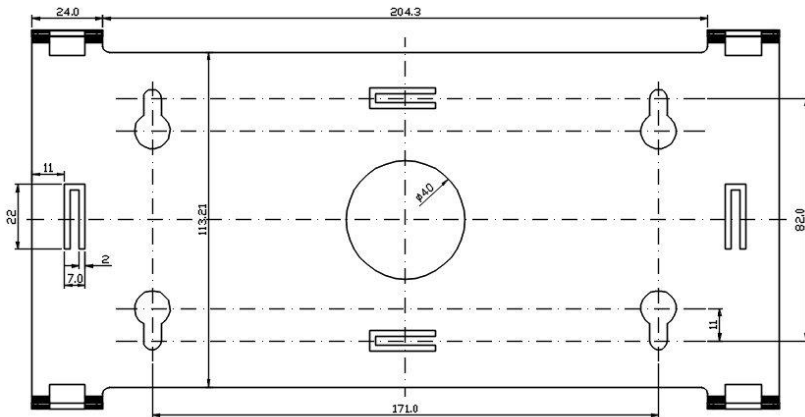
Installation Overview

The Fire Brigade Loop Panel (BU-110) is to be surface mounted onto a bracket on the wall.

To ensure optimal readability of the panels' display, the recommended mounting height of the panel top is approximately 175 cm above the floor.

The panels must be placed according to local regulations and in consultation with the fire brigade.

Mounting bracket drawing

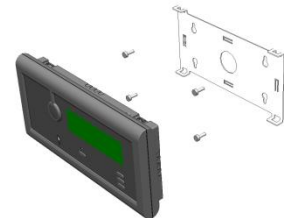


Panel and Bracket


Fire Brigade Loop Panel (BU-110)

Mounted onto a bracket (UD-732).

Dimensions:
HxWxD (mm): 154 x 310 x 45



Mounting Instructions

Step	Description
1	<ul style="list-style-type: none"> Find the text foils in the relevant language for the panel, and insert the text foils in the correct locations (there are two different foils in one foil kit). Through the small hole near the slot, use a small screwdriver or similar to slightly bend the edge (approx. 1mm) of each foil until the edge slips behind the opening of the slot. 
2	<p>Note that the panel must be placed according to local regulations and in consultation with the fire brigade.</p> <ul style="list-style-type: none"> Mount the panel bracket onto a wall with a flat surface in order to maintain IP rating (IP32).
3	<ul style="list-style-type: none"> Connect AL_Com loop cables to the correct terminal points.
4	<ul style="list-style-type: none"> Place and center the lower part of the panel onto the lower part of the bracket, then simply push the upper part of the panel towards the bracket until it snaps on.