

LF24WU - Audio/visual fire alarm device

- Power supply from 18V d.c. to 30V d.c.
- Sound power (max) 92,3 dB(A) @ 1m
- High Efficiency LED
- High Sound Level Buzzer
- Continuous tone 970Hz / Alternating tone 800-970Hz selectable
- New Design, Less Thick
- Wall Mounting
- Compliant with EN54-23 W-4,6-9,1 and O-4,6-9,1-9,9. Syncro compliant with EN 54-3:2001 + A1:2002 + A2:2006.
- Compliant with UNI 11744:2019



LF24WU is an audio/visual warning panel, available in different models and suited for any emergency situation such as fire, flooding, gas leaks, etc., where visual and audio information is needed. Its special design, very pleasant is particularly suited for hotels, shops, malls and cinemas.

Tecnology and design

LF24WU has an optical section provided with a synchronization function, and realized with a LED and lens that grants a high efficiency value, thanks to which it satisfies the new standards of the norm EN 54-23 with a high range covering while maintaining low power consumption.

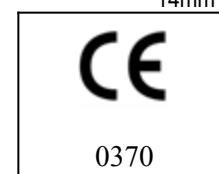
A special light diffuser guarantees the uniform lighting of the panels label. A high sound level buzzer ensures an efficient acoustic warning in case of alarm, granting the compliance to the norm **UNI EN54-3**.

The label inside the panel is provided with the standard sentence **"FIRE ALARM"**, but labels with different messages and languages are available as accessory.

Thin and special design make **LF24WU** warning panel unique for technology and efficiency.



Thickness
without
backbox
14mm



Technical Specification

Product Code	LF24WU (Wall mount)
Material	ABS + PMMA
Installation	Wall mount
Nominal Voltage	24 Vd.c.
Voltage limit	18 Vd.c. - 30 Vd.c.
Absorption	50mA
Mounting height	4,6m
Code (square base)	W-4,6-9,1*
Code (rectangular base)	O-4,6-9,1-9,9*
Type of connection	Clamp
Dimensions with backbox	292x130x55mm (L x H x P)

Flash light color	White
Operating temperature	Da -10°C a +55°C
Optical specifications	Flashing frequency 1Hz
Sound power (min)	79 dB(A) @ 1m
Sound power (max)	92,3 dB(A) @ 1m
Buzzer frequency	2,8Khz
Sound model	Pre-alarm: Alternating tone 800Hz to 970Hz swept at 1 second (1Hz) Alarm: Continuous tone at 970Hz
Protection Class	IP21C**

* See illustrations on next page

** Using conduits DX54216, DX43220 o GW52004



ISO 9001:2015
FS 547716

Synaps Technology S.r.l. • Via Pietraferata 9/1 • 34147 Trieste, Italia
Tel: +39 040 9896000 • Fax: +39 040 9896001
E-mail: info@synaps-technology.com • Web: <http://www.synaps-technology.com>
P.IVA E C.F. 01046470322 Trib. TS • R.E.A. TRIESTE 120284 • Cap. Soc. € 20.000 I.V.



Assembly Instructions

- Make four holes into the wall to fit the holders (Fig. 2-1)
- Fix the mounting box with the four screws (Fig. 2-2)
- Connect the power supply to the terminals (Fig. 1)
- The sounder emits a pre-alarm signal with alternating sound 800-970Hz, otherwise to set the evacuation alarm signal with fixed sound at 970Hz insert the jumper in the position show (Fig. 1)
- Fix the central part to the mounting box with the four screw (Fig. 2-3)
- Place and press the external cover and fix it by the screws (Fig. 2-4)

Figure 1

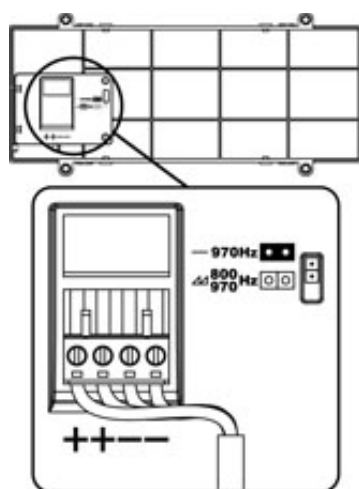
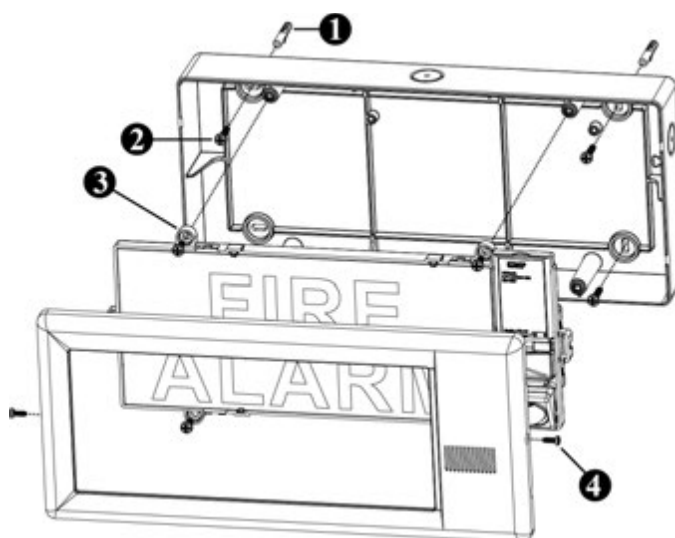


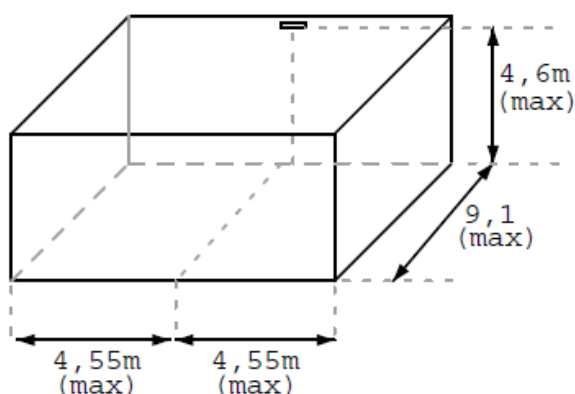
Figure 2



Coverage Volume

Square base

W-4, 6-9, 1



Rectangular base

O-4, 6-9, 1-9, 9

