

## LF20WU – Audio fire alarm device

- Power Supply from 18V d.c. a 30V d.c.
- Sound Power Max (max) 92 dB(A) @ 1m
- High Sound Level Buzzer
- Continuous tone 970Hz / Alternating tone 800-970Hz selectable
- New Design, Less Thick
- Wall Mounting
- Compliant with EN 54-3:2001 + A1:2002 + A2:2006
- Compliant with UNI 11744:2019



**LF20WU** is an audio 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.

### Technology and design

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 **LF20WU** warning panel unique for technology and efficiency.



Thickness  
without  
backbox  
14mm



0370

### Technical Specification

Product code	LF20WU (Wall mount)
Material	ABS + PMMA
Installation	Wall mount
Nominal Voltage	24 Vd.c.
Voltage limit	18 Vd.c. - 30 Vd.c.
Absorption	21mA (average)
Type of connection	Clamp
Dimension with backbox	292x130x55mm (L x H x P)
Operating temperature	Da -10°C a +55°C

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) (EN 54-3). Alarm: Continuous tone at 970Hz
Protection Class	IP21C*

\* Using conduits DX54216, DX43220 o GW52004



ISO 9001:2015  
FS 547716

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## 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

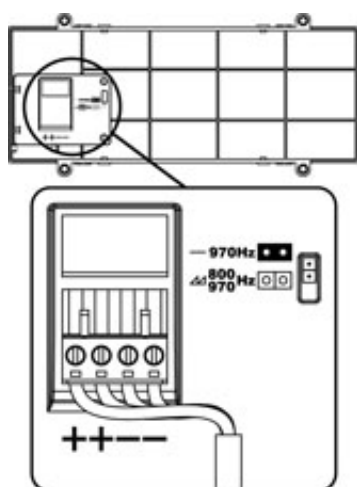


Figure 2

