



## MAD-565-I

## MAD-565-I-W

**Addressable sounder with VAD.  
EN 54-23**

### Description

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The range of addressable sounders with VAD (Visual Alarm Device) MAD-565-I has been designed to be used with Detnov's addressable fire control panels and they conform a basic device for warning signals in case of fire.

This is directly connected to the loop. It takes up to 1 address in the loop and needs to be directed by the PGD-20X programmer or by auto addressing. This device can be powered through an external power supply for increasing the number of devices on the loop

It offer till 32 selectable tones and 2 configurable volumes: low and high as well as the VAD coverage adjustment of its high intensity LED's through the internal DIP-Switch.

The souder with VAD is EN 54-3, EN54-23 and EN 54-17 compliance and approved.

### Features

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- Compatible with Detnov's addressable control panels
- Loop-powered device
- 24Vcc external power supply (optional)
- 32 selectable tones
- 2 volume level (max. 100 dB)
- 2 LED power selectable
- Synchronized
- Connections through removable terminal blocks and simple fitting of the cable
- Shortcircuit isolator.
- It only take 1 address in the loop
- EN 54-3, EN 54-23 and EN 54-17 approved
- Wall mounted.

## Applications

Addressable sounders MAD-565-I are used to warn people in a building to start the evacuation procedure if necessary. They are basic devices in any installation along with manual call points and detectors.

## Technical features

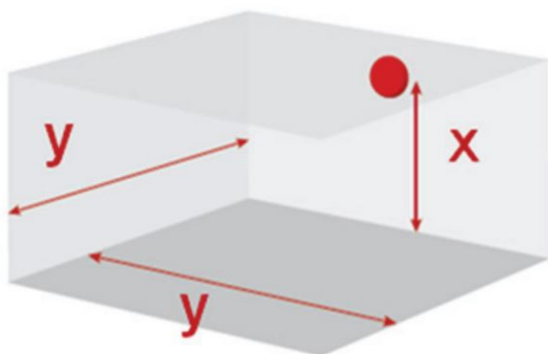
<b>Sounder/VAD</b>	
Loop features:	
Operating voltage:	De 23 a 38VDC
Standby consumption:	1,85 mA
Loop powered alarm current:	33,5 mA (2)
External power supply alarm current:	15 mA (2)
<b>Volume</b>	
Volume:	de 95 dB(A) a 100 dB(A) dependiendo del tono
32 selectable tones	
2 vconfigurable tones (low, high)	
<b>VAD coverage</b>	
According connection mode and (2)	
W-3-7	
W-4-9	
<b>Conections</b>	
	2 x 1.5 mm <sup>2</sup> twisted and shielded cable (1)
<b>Environment</b>	
Operating temperature:	From -10°C to 55°C
Relative humidity:	95% whitout condensation
ÍnIP index: :	IP65 (3)
<b>Physical features</b>	
Size (height, wide, long):	63 x 118 x 121
Material:	ABS
Color: MAD-565-I	Red
MAD-565-I-W	White
<b>Approvals</b>	
EN 54-3, EN 54-23 and EN 54-17	
Certificate N° :	0370-CPR-6087

(1) Shielded if necessary.

(2) Check "System calculation" tool for the maximum number of devices according with the loop length and cable section as well as the device setup forfir every installation mode (loop powered or external powered).

(3) Follo the technical sheet instructions.

## VAD coverage



	Class	X (m)	Y (m)
W-3-7	W	3	7
W-4-9	W	4	9

The coverage code is represented as: **W-x-y**, where:

**W** = wall mounting

**x** = maximum mounting height (m)

**y** = maximum widht of the square area of coverage (m)