



4483

VID BASE

Fire alarm solutions
technical description

Table of Contents

1.	INTRODUCTION	3
1.1.	IMPORTANT INFORMATION	3
2.	ABBREVIATIONS	4
3.	GENERAL DESCRIPTION	5
3.1.	BASE	5
3.2.	CAPACITOR	5
3.3.	BASE COVER	6
3.4.	LED	6
4.	SET THE COM LOOP ADDRESS	7
4.1.	AUTO ADDRESSING	7
4.2.	MANUAL ADDRESSING	7
5.	SET THE MODE	7
5.1.	COMPATIBILITY TABLE	7
6.	MOUNTING	8
6.1.	LOCKING SCREW	8
7.	INSTALLATION AND WIRING	9
8.	TECHNICAL DATA	10
9.	APPROVALS	11

1. INTRODUCTION

This document describes the VID base, type number 4483.

The document contains information about the product and instructions on how to mount and connect it.

1.1. IMPORTANT INFORMATION

Please see section 5.1. COMPATIBILITY TABLE on page 7 for preconditions for the usage of VID base 4483.

2. ABBREVIATIONS

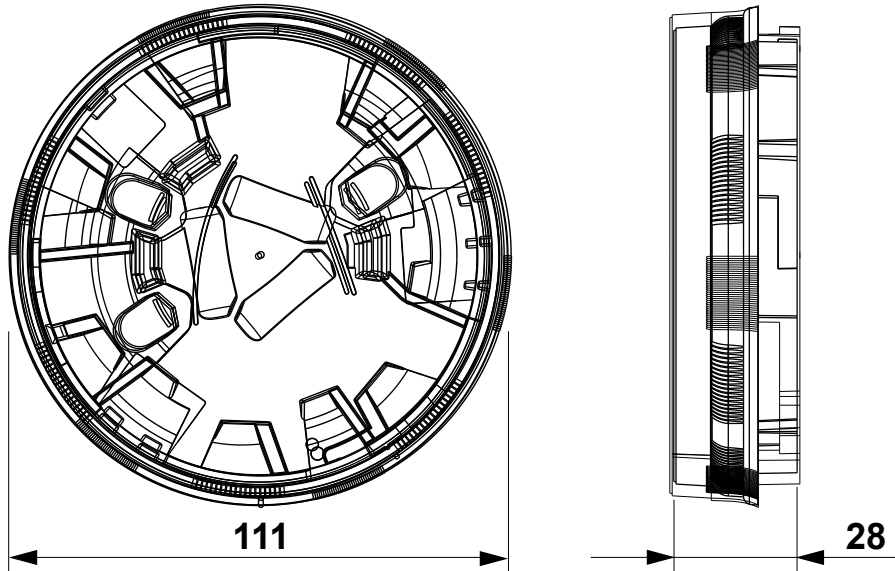
LED	Light Emitting Diode	
VID	Visual Indicator Device	

3. GENERAL DESCRIPTION

The VID base is used as a complement to audible alarm devices. The light is visible 360° (horizontal).

VID base is designed to comply with EN 54-23.

The VID base is intended to be placed in the ceiling. It can be used in indoor environment, type A.



(Measure in mm)

1. Base
2. LED

3.1. BASE

The VID base is plugged in an analog base, 4412F, 4412J, 4412S, or sounder base 4479. An analog multidetector with isolator 4400I or an analog smoke detector with isolator 4401I must be plugged in the VID base.

3.2. CAPACITOR

When commissioning one or several 4483 for the first time, it takes time for the loop to charge the capacitor (3F) inside the 4483. It can take up to 30 minutes.

During this time, the LED "Operation" on the CIE will flash. The CIE will be able to signal for fire alarm during this time.

It will not take more time for several 4483 to load, than one 4483. They are charged in parallel.

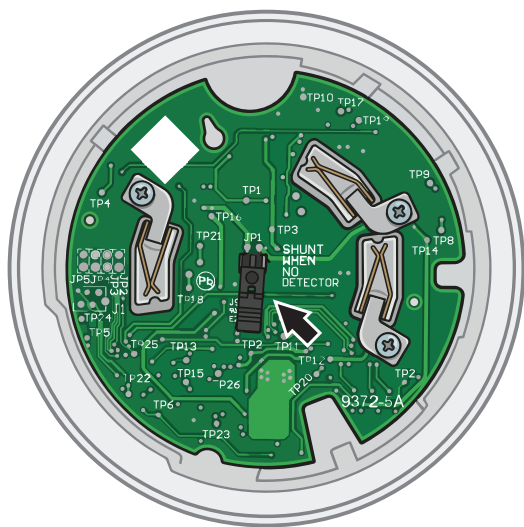
After 1 hour, if not yet charged, there will be a general fault message for Loop unit.

3.3. BASE COVER

The VAD base 4483 can be installed without a detector; in such cases, plastic cover 4416 is used instead. Before you attach the cover, make sure to shunt the jumper on the 4483 ("JP1" shunted = no detector is connected).

When several 4483 bases are installed consecutively without detectors, issues with auto-addressing may occur. To prevent these issues, it is essential to ensure that isolator units are placed between each 4483 base when they are installed without detectors.

Do not install several 4483 bases without detectors in a row unless an isolator is inserted between each unit.



3.4. LED

The VID base must be mounted at a maximum height of 3 meters.

DATA		
LED colour	Red	
VID coverage - ceiling class	Ø = 1.2 m	C-3.0-1.2
VID coverage - open class	Ø = 1.1 m (at maximum hight of 2.6 meter)	O-2.6-1.1
VID coverage - indicator	Ø = 0.1 m (at maximum hight of 1.9 meter)	O-1.9-0.7
VID coverage selection method	Software configured in EBLWin	

Open is the default VID coverage for each VID base.
The VID coverage can be configured to High Power, Low Power, or Open in the 4483 properties window in EBLWin.

LIGHT PATTERN				
Frequency/ Flash rate	VID coverage			
		High Power	Low Power	Open (Default)
	0.5 Hz	50 ms ON, 1950 ms OFF	30 ms ON, 1970 ms OFF	10 ms ON, 1990 ms OFF

4. SET THE COM LOOP ADDRESS

4.1. AUTO ADDRESSING

The 4483 supports automatic addressing via EBLWin.

For more information, see Planning instructions for the system, version 2.4.x or later.

4.2. MANUAL ADDRESSING

Each COM loop unit has to have a unique COM loop address (001-253). Set the address with the Address Setting Tool (4414E).

Use the connection cable with crocodile clips to connect the tool's SA & SB terminals with the SA & SB terminals of the addressable unit.

The COM loop address and mode settings have to be done before the unit is connected to the COM loop.

The VID base has to have a different COM loop address than the analog detector.

5. SET THE MODE

Set the mode with the address setting tool (4414) according to the table below.

5.1. COMPATIBILITY TABLE

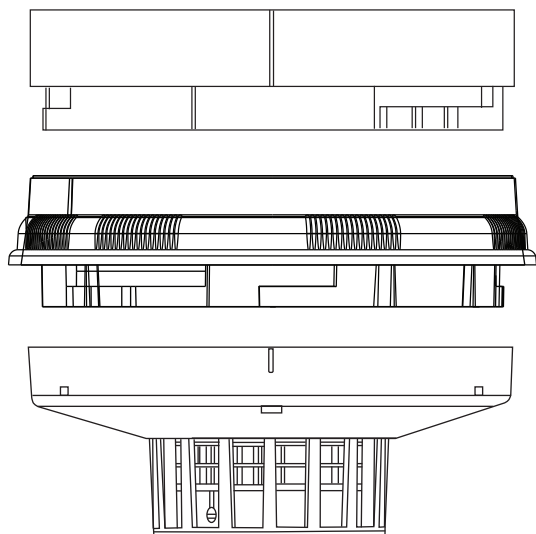
	HW revision	Advanced mode	NORMAL mode	2330 mode	2312 mode
EBL512 G3	9357-3A Cfg 1. Rev 4	V ≥ 3.10	Not used	Not used	Not used
4585	9330-6A Cfg 1. Rev 1	V ≥ 3.10	Not used	Not used	Not used
EBLOne	9364-3B Cfg 1. Rev 6	V ≥ 3.10	Not used	Not used	Not used
EBL128	Not used	Not used	Not used	Not used	Not used

All EBL512 G3, EBLOne and COM-loop repeater 4585 produced from week 16, 2026 are compatible with 4483.

All spare parts for EBL512 G3, EBLOne and COM-loop repeater 4585 shipped from Panasonic's warehouse, and produced from week 16, 2026, are compatible with 4483.

6. MOUNTING

The VID base is mounted between an analog detector base and an analog detector, at a maximum height of 3 meters, in the ceiling.



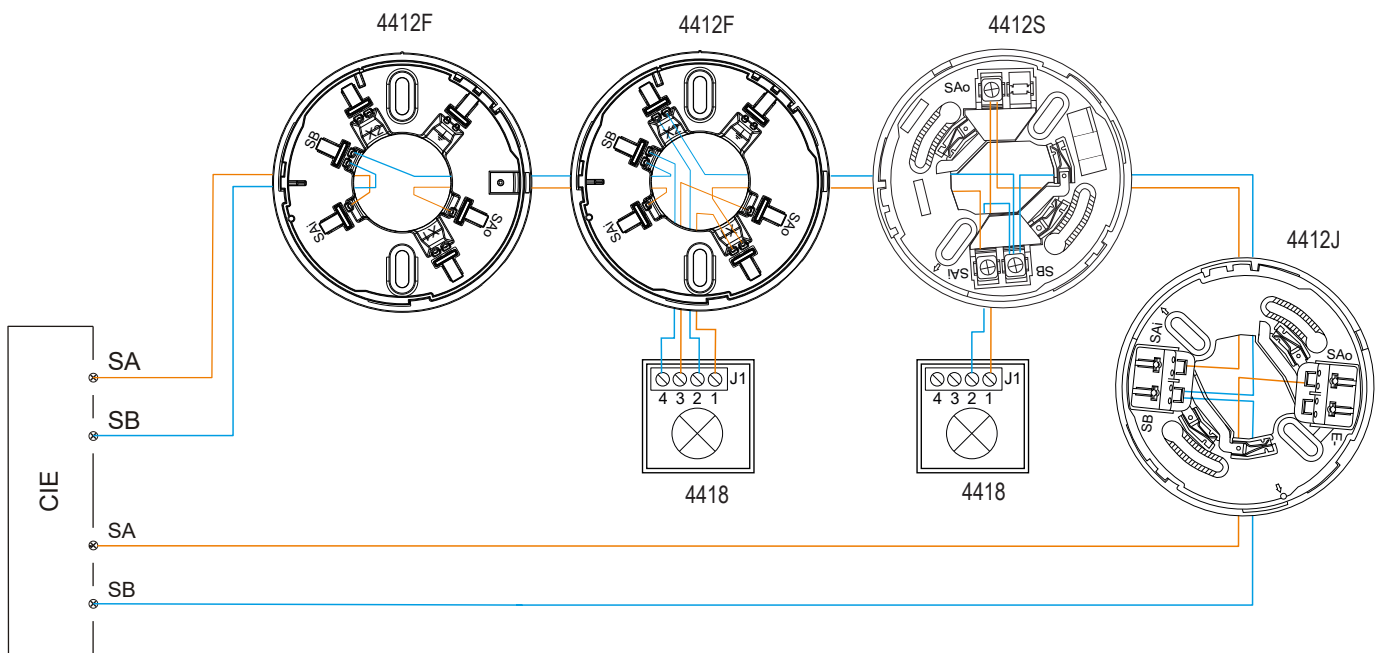
6.1. LOCKING SCREW

The VID base is prepared with one hexagon socket screw that may be used for mechanical locking with the analog base.

7. INSTALLATION AND WIRING

The VID base is plugged in an analog base 4412F, 4412J, 4412S, or sounder base 4479.
The COM Loop and external LED are connected to the analog base.

Screen wire termination is not provided.



8. TECHNICAL DATA

All current consumptions are valid by nominal voltage and by 25 °C.

Voltage: Allowed Normal	12 – 30V DC 24V DC
Current: Quiescent Active: - O-1.9-0.7 - O-2.6-1.1 - C-3.1-1.2	4.5 mA 7.3 mA 12.1 mA 19.8 mA
Power consumption	0.01 - 0.3 W
Address range	001-252
Address setting	With address setting tool
Internal battery	No
Material	Polycarbonate Alloy
Ambient temperature: Operating Storage	-10 to +55 °C -25 to +70 °C
Ambient humidity	Maximum 95 % RH (Non condensing)
Ingress protection rating	IP21
Size: Ø x H	111 x 28 mm
Weight	100 g
Colour	Transparent
Synchronized	No

9. APPROVALS

Applicable directive/ Approval	Applicable standards	Notified body
EMC	EN61000-6-3 (Emission) EN50130-4 (Immunity)	Self declaration
RoHS	EN IEC 63000	Self declaration



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