

Shelly Smoke PLUS

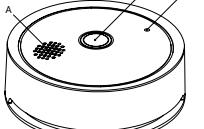


fig.1

USER AND SAFETY GUIDE

SHELLY PLUS SMOKE SMART SMOKE ALARM

Read before use

This document contains important technical and safety information about the device, its safety use and installation.

A CAUTION! Before beginning the installation, please read carefully and entirely this guide and any other documents accompanying the device. Failure to follow the installation procedures could lead to malfunction, danger to your health and life, violation of law or refusal of legal and/or commercial guarantee (if any).

Shelly Europe Ltd. is not responsible for any loss or damage in case of incorrect installation or improper operation of this device due to failure of following the user and safety instructions in this guide.

Product Introduction

Shelly Plus Smoke (the Device) is a smart photoelectric smoke alarm (fig.1), which is effective at detecting slow fires that smolder for hours before bursting into flames. Sources of these fires may include cigarettes burning in couches or bedding.

Features

Battery operated: Replaceable lithium battery helps to extend the lifetime of smoke alarm.

LED indication: Light flashes approximately every 53 seconds confirming the smoke alarm is powered and working normally.

Low power warning: Alarm beeps every 53 seconds when the battery is low.

Alarm pause (Hush mode): Silence your smoke alarm device by pressing briefly the control button when non-emergency smoke causes a nuisance alarm. The red light flashes every 10 seconds to remind you that the smoke alarm device has been silenced. The alarm will automatically be reset after 10 minutes, and sound the alarm if particles of combustion are still present.

If a remote mute function is available, any remote mute feature shall only be used in line of sight of the smoke alarm.

Test function: Press the control button periodically to check and confirm the smoke alarm is working normally.

Audible and visible alarm signals: Red light will start flashing quickly and the buzzer will start beeping, when the detected smoke level reaches the alarm threshold of the Device.

Easy Installation: Fixings supplied.

Important safety information

A CAUTION! The Device should be installed only by a licensed, qualified electrician. Observe and follow all local and national electrical and building regulations for installation.

A CAUTION! Do not remove or disconnect battery to silence unwanted alarms!

A CAUTION! If smoke alarm device does not sound, check whether the alarm is properly attached to the mounting bracket.

A CAUTION! Test smoke alarm device weekly to ensure proper operation! The control button accurately tests all smoke alarm device functions. Do not use any other test method!

A CAUTION! This smoke alarm device is not designed to be the primary protection for buildings that require complete fire alarm systems. Buildings of this type include hotels, motels, dormitories, hospitals, nursing homes, and group homes. This is true even if they were once single family homes. However, this smoke alarm device may be used inside individual rooms as supplemental protection.

A CAUTION! Smoke alarm devices may not alert every household member every time. The alarm buzzer is loud in order to alert individuals to a potential danger. However, there may be limiting circumstances where a household member may not hear the alarm (i.e., outdoor or indoor noise, sound sleepers, drug or alcohol usage, the hard of hearing, etc.). If you suspect that this smoke alarm device may not alert a household member, install and maintain special smoke alarm devices. Household members must hear the alarm warning sound and quickly respond to it to reduce the risk of damage, injury, or death that may result from fire. If a household member is hard of hearing, install special smoke alarm devices with lights or vibrating devices to alert occupants.

A CAUTION! Smoke alarm devices can sound their alarms only when they detect smoke. Smoke alarm devices detect combustion particles in the air. They do not sense heat, flame, or gas. This smoke alarm device is designed to give audible warning of a developing fire. However, many fires are fast-burning, explosive, or intentional. Others are caused by carelessness or safety hazards. Smoke may not reach the smoke alarm device quickly enough to ensure safe escape.

A CAUTION! Smoke alarm devices have limitations. This smoke alarm device is not foolproof and is not warranted to protect lives or property from fire. Smoke alarm devices are not a substitute for insurance. Homeowners and renters should protect their lives and property. In addition, it is possible for the smoke alarm device to fail at any time. For this reason, you must test the smoke alarm device weekly.

A CAUTION! Protect the product from dust and moisture! Do not use the product in a damp environment.

A CAUTION! Do not paint over the smoke alarm!

A CAUTION! The smoke detector must not be exposed to excessive heat such as sunshine, fire or similar.

A CAUTION! Do not disassemble or modify the device!

A CAUTION! Do not cover or tape the smoke inlet and buzzer openings!

A CAUTION! Do not allow children to play with the device, especially with the control button!

Where to locate

As a minimum, smoke alarm devices should be located between sleeping areas and potential sources of fire such as living rooms and kitchens (fig.2).

In single story homes with one sleeping area, a smoke alarm device should be installed in the hallway, as close as possible to the living accommodation.

To ensure audibility in bedrooms, no smoke alarm device should be further away than 3 m / 10 ft from any bedroom door. It may be necessary to install more than one smoke alarm device, particularly the hallway is more than 15 m / 49 ft long.

In single story homes with two separate sleeping areas, a minimum of two smoke alarm devices are required, one in each sleeping area.

In multi-level or multi-unit homes, as a minimum a smoke alarm device should be installed on the ground floor between the staircase and any room in which a fire might start and on each story in circulation areas which form part of escape route (normally hallways and landings).

Additional alarms should be installed in bedrooms in anticipation of fires originating here, caused by faulty wiring, lights, appliances, smokers or other hazards.

For best protection, smoke alarm devices should be installed in every room in your home, apart from those listed in the locations to avoid section. Heat alarms should be used in kitchens, boiler rooms, laundry rooms, garages and such like, where smoke alarm devices would be unsuitable.

Install smoke alarm devices in circulation areas at a distance no greater than 7.5 m / 25 ft from the farthest wall, no greater than 7.5 m / 25 ft from a door to any room in which a fire might start and no greater than 7.5 m / 25 ft from the next smoke alarm device.

It is impossible to predict the source of a fire, the best location for an alarm is usually the center of a room or hallway. If it is necessary to place a smoke alarm device on a wall, always locate the detection element of the alarm 15 to 30 cm / 6 to 12 below the ceiling and the bottom of the alarm above the level of doors and other openings.

In rooms with simple sloped, vaulted or gabled ceiling, install smoke alarm devices on the ceiling 90 cm / 3 ft from the highest point of the ceiling. "Dead-air" at the peak of a ceiling may prevent the smoke from reaching the alarm in time to provide an early warning. (fig.3)

Relocate the unit if it often gives false alarms. See Locations to avoid.

Locations to avoid

In turbulent air from fans, heaters, doors, windows, etc., which could draw smoke away from the alarm.

In high humidity areas such as bathrooms and shower rooms, or where the temperature exceeds 39 °C (100 °F) or falls below 5°C (40 °F). High humidity can trigger a nuisance alarm.

At the peak of an "A" frame ceiling, "dead-air" at the top may prevent smoke from reaching the alarm in time to provide early warning.

Near objects, such as ceiling decorations, that may obstruct the smoke path to the alarm.

In insect-infested areas. Tiny insects may affect performance.

In kitchens, boiler rooms, laundry rooms, garages. Combustion particles from cooking or car exhaust, dust and moisture could trigger a nuisance alarm.

In very dusty or dirty areas. Dirt and dust can build up and impair performance.

Within 30 cm / 12 in of light fittings or room corners.

In locations which would make routine testing or maintenance hazardous (e.g. over a stairwell).

On poorly insulated walls or ceilings.

Within 1.5 m (5 feet) of fluorescent light fittings.

Installation

Pull out the plastic isolation tab. (fig.4)

Power on the Device by pressing and holding the control button for about 3

seconds. Confirm that the LED indication flashes rapidly, and the buzzer emits short loud beeps. (fig.5)

Select an appropriate location and use the mounting bracket to mark the drilling points and punch 3 holes in the mounting surface. (fig.6)

Insert the 3 anchor plugs in the holes and secure the mounting bracket to the surface with the help of 3 screws. (fig.7)

Rotate the Device clockwise onto the mounting bracket until you hear a click, indicating that the Device is in place. (fig.8)

Press and hold the control button for about 3 seconds. Confirm that the LED

indication flashes rapidly, and the buzzer emits short loud beeps.

False alarm control

The Device features a False Alarm Control which, when activated, will silence unwanted alarms for up to 10 minutes.

Press and release the control button during an unwanted alarm to silence the alarm buzzer. This will set the Device in False Alarm Control mode.

If the smoke alarm device does not go into False Alarm Control and continues to sound its loud alarm signal, or if it initially goes into False Alarm Control then removes the alarm, the smoke is too heavy and could be a possibly dangerous situation take emergency action.

A CAUTION! If remote silencing function is available, any remote silencing feature shall only be used in line of sight of the smoke alarm

Funktionen

Batteriebetrieb: Die austauschbare Lithium-Batterie verlängert die Lebensdauer des Rauchmelders.

Battery operated: Replaceable lithium battery helps to extend the lifetime of smoke alarm.

LED Anzeige: Das Licht blinkt etwa alle 53 Sekunden und bestätigt, dass der Rauchmelder eingeschaltet ist und normal funktioniert.

Warnung bei niedrigem Batteriestand: Der Alarm ertönt alle 53 Sekunden, wenn die Batterie fast leer ist.

Alarm-Pause (Stumm-Modus): Schalten Sie Ihren Rauchwarnmelder durch kurzes Drücken der Bedienelemente (B) stumm, wenn Rauch, der kein Notfall ist, einen Alarmanlagen auslöst. Dadurch wird das Gerät in den Fehlalarm-Kontrollmodus versetzt.

Reaktivieren Sie den Rauchwarnmelder nicht in der Fehlalarmkontrolle und gehalten Sie ihn weiter, bevor sie in Flammen aufgehen. Solche Brände können beispielsweise brennende Zigaretten in Sofas oder Bettzeug entstehen.

A CAUTION! If remote silencing function is available, any remote silencing feature shall only be used in line of sight of the smoke alarm

Batterie replacement

Batteriebetrieb: Die austauschbare Lithium-Batterie verlängert die Lebensdauer des Rauchmelders.

Battery operated: Replaceable lithium battery helps to extend the lifetime of smoke alarm.

LED Anzeige: Das Licht blinkt etwa alle 53 Sekunden und bestätigt, dass der Rauchmelder eingeschaltet ist und normal funktioniert.

Warnung bei niedrigem Batteriestand: Der Alarm ertönt alle 53 Sekunden, wenn die Batterie fast leer ist.

Alarm-Pause (Stumm-Modus): Schalten Sie Ihren Rauchwarnmelder durch kurzes Drücken der Bedienelemente (B) stumm, wenn Rauch, der kein Notfall ist, einen Alarmanlagen auslöst. Dadurch wird das Gerät in den Fehlalarm-Kontrollmodus versetzt.

Reaktivieren Sie den Rauchwarnmelder nicht in der Fehlalarmkontrolle und gehalten Sie ihn weiter, bevor sie in Flammen aufgehen. Solche Brände können beispielsweise brennende Zigaretten in Sofas oder Bettzeug entstehen.

A CAUTION! If remote silencing function is available, any remote silencing feature shall only be used in line of sight of the smoke alarm

Testfunktion

Press the control button periodically to check and confirm the smoke alarm is working normally.

Audible and visible alarm signals: Red light will start flashing quickly and the buzzer will start beeping, when the detected smoke level reaches the alarm threshold of the Device.

Easy Installation: Fixings supplied.

Important safety information

A CAUTION! The Device should be installed only by a licensed, qualified electrician. Observe and follow all local and national electrical and building regulations for installation.

A CAUTION! Do not remove or disconnect battery to silence unwanted alarms!

A CAUTION! If smoke alarm device does not sound, check whether the alarm is properly attached to the mounting bracket.

A CAUTION! Replace the Device 10 years after installation or if the test function does not operate properly!

Cleaning

Clean the Device at least once a month.

Gently clean the outside of the Device with a soft cloth.

Visual and audible signals

Normal operation:

- Red light flash once every 53 seconds

No sound

Testing:

- 3 red light flashes

3 short beeps

Alarm:

- Continuous red light flashes

Continuous loud beeps

Low battery warning:

- Red light flash once every 53 seconds

Short beep once every 53 seconds

Malfunction:

- Red light flash twice every 53 seconds

No sound

Hushed alarm:

- Red light flash once every 10 seconds

No sound (for about 10 minutes)

Hushed low battery warning:

- Red light flash once every 53 seconds

No sound (for about 12 hours)

Device in Setup mode for 2 minute:

- Green light flashes slowly."

Disposable and recycling

This refers to the waste of electrical and electronic equipment. It is applicable in the EU and other countries to collect waste separately.

CAUTION! This symbol on the product or in the accompanying literature indicates that the product should not be disposed of in the daily waste. Shelly Plus Smoke ist so konstruiert, dass es eine akustische Warnung vor einem entstehenden Feuer gibt. Viele Brände breiten jedoch schnell, sind explosiv und werden vorsätzlich gelegt. Andere entstehen durch Unachtsamkeit oder Sicherheitsmängel verursacht. Ein Rauchwarnmelder kann möglicherweise nicht schnell genug, um einen schnellen Flucht zu gewährleisten.

A CAUTION! Rauchwarnmelder haben ihre Grenzen. Dieser Rauchwarnmelder ist nicht als primärer Schutz für Gebäude gedacht, da ein vollständiges BrandmeldeSystem erforderlich ist. Zu dieser Art von Gebäuden gehören Hotels, Motels, Wohnmobile, Krankenhäuser, Pflegeheime und Gruppenhäuser. Dies ist auch wenn es sich um ehemalige Einfamilienhäuser handelt. Dieser Rauchwarnmelder kann jedoch als zusätzlicher Schutz in einzelnen Räumen eingesetzt werden.

A CAUTION! Rauchwarnmelder alarmieren möglicherweise nicht jedes Mal alle Haushaltsmitglieder. Der Alarmanlagen ist laut, um Personen auf eine mögliche Gefahr aufmerksam zu machen. Es kann jedoch Umstände geben, unter denen ein Haushaltsmitglied den Alarm nicht hören kann (z. B. Lärm im Freien oder in Räumen, Personen mit tiefem Schlaf, Drogen- oder Alkoholkonsum, schwere Personen usw.). Wenn Sie den Verdacht haben, dass dieser Rauchwarnmelder ein Haushaltsmitglied nicht warnen kann, installieren Sie den Rauchwarnmelder wieder.

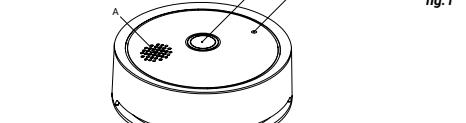
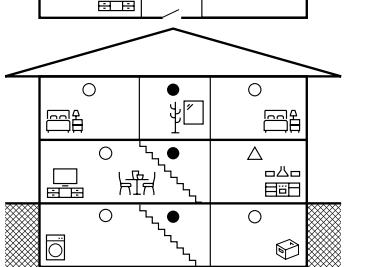
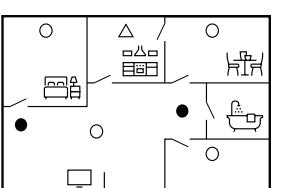
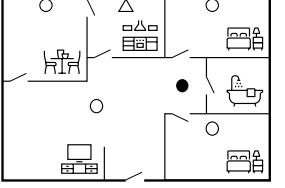


fig.1

• A: Altavoz de alarma
• B: Botón de control
• C: Indicador LED

• A: Buzzer
• B: Botão de controlo
• C: Indicador LED

fig.2



• Detectores de humo de protección limitada
• Detectores de humo adicionales para mayor seguridad
• Alarms de calor
• Dispositivos de alarma de fumo para protección limitada
• Dispositivos de alarma de fumo adicionais para melhor cobertura
• Alarms de calor
• Detectores de fumée pour une protection limitée
• DéTECTEURS de fumée supplémentaires pour plus de garantie

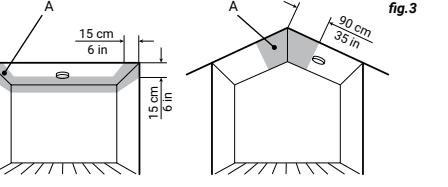


fig.3

• A: Zona de "aire muerto" • A: Área de "Ar morto" • A: Une poche d'air

fig.4

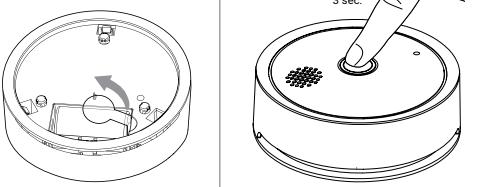


fig.5

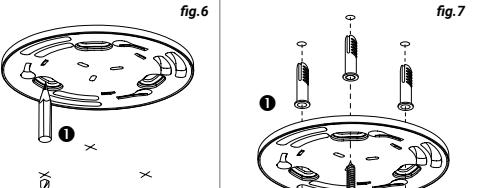


fig.6

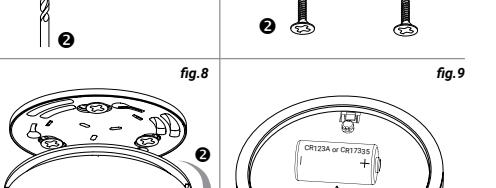


fig.7

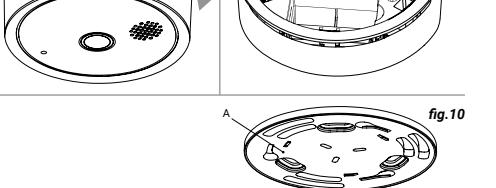


fig.8

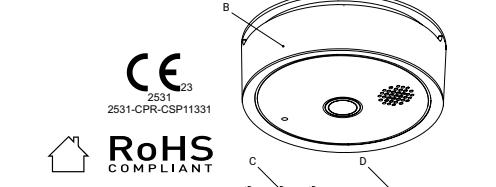


fig.9

fig.10

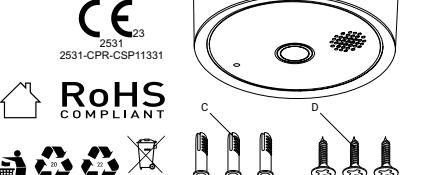


fig.11

fig.12

fig.13

fig.14

fig.15

fig.16

fig.17

fig.18

fig.19

fig.20

fig.21

fig.22

fig.23

fig.24

fig.25

fig.26

fig.27

fig.28

fig.29

fig.30

fig.31

fig.32

fig.33

fig.34

fig.35

fig.36

fig.37

fig.38

fig.39

fig.40

fig.41

fig.42

fig.43

fig.44

fig.45

fig.46

fig.47

fig.48

fig.49

fig.50

fig.51

fig.52

fig.53

fig.54

fig.55

fig.56

fig.57

fig.58

fig.59

fig.60

fig.61

fig.62

fig.63

fig.64

fig.65

fig.66

fig.67

fig.68

fig.69

fig.70

fig.71

fig.72

fig.73

fig.74

fig.75

fig.76

fig.77

fig.78

fig.79

fig.80

fig.81

fig.82

fig.83

fig.84

fig.85

fig.86

fig.87

fig.88

fig.89

fig.90

fig.91

fig.92

fig.93

fig.94

fig.95

fig.96

fig.97

fig.98

fig.99

fig.100

fig.101

fig.102

fig.103

fig.104

fig.105

fig.106

fig.107

fig.108

fig.109

fig.110

fig.111

fig.112

fig.113

fig.114

fig.115

fig.116

fig.117

fig.118

fig.119

fig.120

fig.121

fig.122

fig.123

fig.124

fig.125

fig.126

fig.127

fig.128

fig.129

fig.130

fig.131

fig.132

fig.133

fig.134

fig.135

fig.136

fig.137

fig.138

fig.139

fig.140

fig.141

fig.142

fig.143

fig.144

fig.145

fig.146

fig.147

fig.148

fig.149

fig.150

fig.151

fig.152

fig.153

fig.154

fig.155

fig.156

fig.157

fig.158

fig.159

fig.160

fig.161

fig.162