

## Pressure sensor mat and alarm

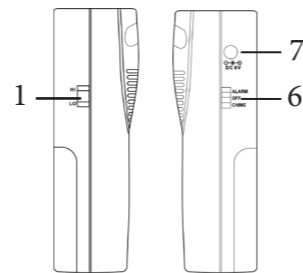
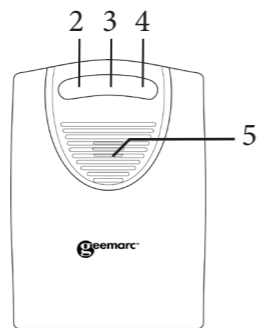
### Box Content

- Inside your gift box you should find the below elements:
- 1 User guide
  - 1 pressure sensor mat and its transmitter
  - 1 wireless receiver( Batteries are not included) .
  - A mains adapter is available as a spare part. (6V  $\square$  0.3A)

### DESCRIPTION

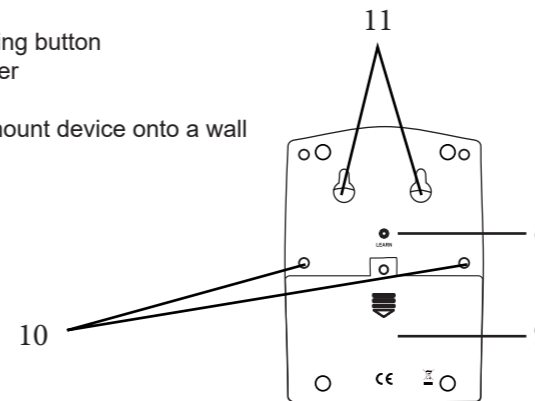
#### Wireless receiver

1. Volume control (HI/LO)
- 2,4. Visual indicators (Flash when triggered by transmitter)
3. Visual indicator (Flashes when triggered by transmitter/ Lights up when batteries are low)
5. Loudspeaker



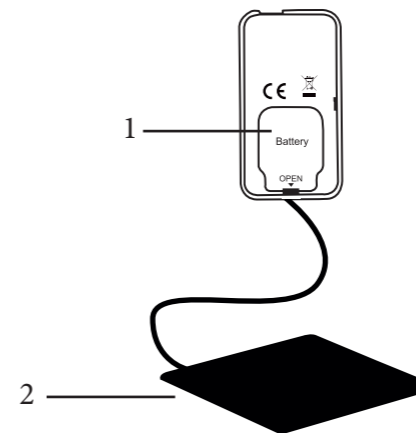
6. Power slide switch (Alarm/ off/chime)
7. DC adaptor socket (6V DC/0.3A)

8. "Learn" pairing button
9. Battery cover
10. Screw
11. Holes to mount device onto a wall



#### 2) Transmitter

1. Battery cover
2. Pressure sensor mat



## INSTALLATION

### Setting up the pressure sensor mat

1. Touch the edges of the pressure sensor mat until you feel a hard piece of plastic, this is the small transmitter that is inside. Open the opening that is kept shut by a piece of double sided Velcro and get the transmitter out. (Fig1)
2. Use a flat screwdriver as a lever to open the battery compartment. (Fig2)
3. Insert a coin cell battery CR2032 while observing the correct polarity. (Fig.3)
4. Put the battery compartment back in place and make sure the red LED light inside the transmitter lights up when pressure is applied to the sensor mat.
5. Replace the transmitter in the opening on the edge of the sensor mat before shutting it back with the piece of double sided Velcro.

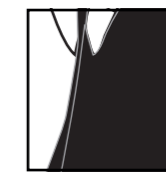


Fig. 1

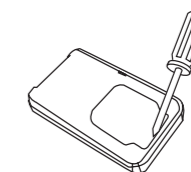


Fig. 2

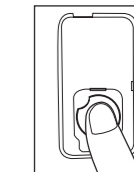
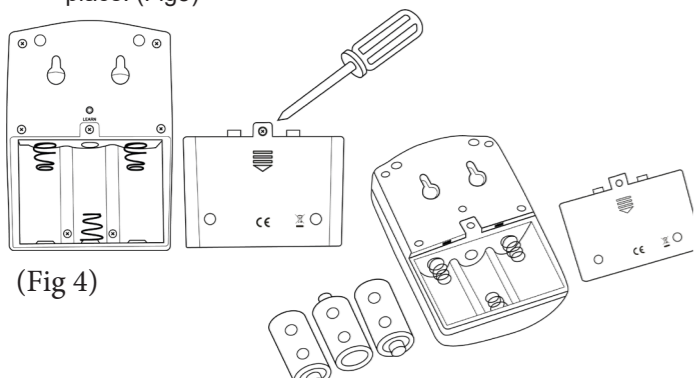


Fig. 3

### Setting up the receiver

1. Unscrew the screw that is on the back of the wireless receiver and that holds the cover of the battery compartment in place before sliding open the battery compartment. (Fig4)
2. Place three 1.5V batteries type LR14 (not included) in the battery compartment while observing the correct polarity, and place the battery compartment back in place. (Fig5)



(Fig 4)



(Fig 5)

3. You can connect an AC adaptor 6V DC 0.3A (not included); plug length: 12mm; inside positive ID: 2.1mm; outside negative OD: 5.5mm) to the alert, and install the batteries as backup in case of power failure.

Note: The receiver is wall mountable.

- A. Drill two holes horizontally, 36 mm apart.
- B. Insert two wall plugs fixing into the two holes.
- C. Screw two screws into the plugs, hang the receiver on the support and slide it down to lock it.

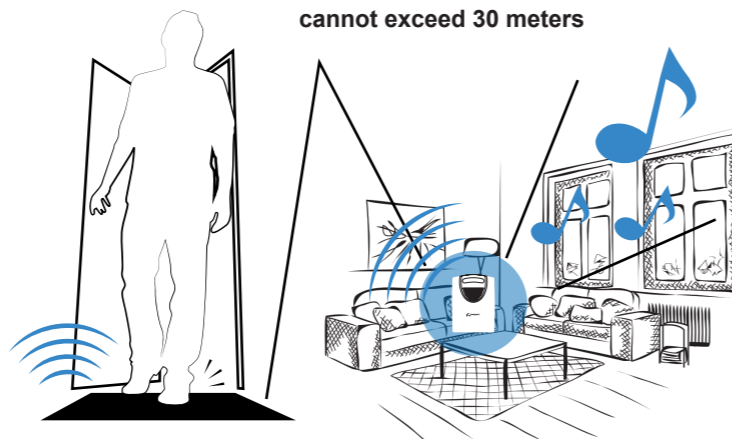
The middle LED (3) will start flashing to warn you that the battery needs to be replaced.

### USING THE PSA100

The Amplicall PSA 100 is an easy-to-use device made up of a pressure sensor mat connected to a signal transmitter, and a wireless signal receiver.

As soon as pressure is being applied to the sensor mat, the transmitter it is connected to will send a signal to the wireless receiver which will immediately start ringing and flashing. The receiver's alarm volume can be set to high or low. The pressure sensor mat can be placed in front of an entrance door or in a corridor so that one can immediately be made aware of any movement in the area.

The distance between both devices cannot exceed 30 meters



1. Place the pressure sensor mat on a flat surface.
2. If the power slide switch of the receiver is moved to the « CHIME » position, the receiver will ring and flash once for 5 seconds each time pressure is applied to the sensor mat.
3. If the power slide switch of the receiver is moved to the « ALARM » position, the receiver will ring and flash once for 30 seconds each time pressure is applied to the sensor mat.

**Note: The receiver will stop ringing and flashing if its power slide switch is moved to the "OFF" position.**

When not used, the power switch of the receiver should be moved to the "OFF" position to prevent them from ringing and save battery life.

### PAIRING

The pressure sensor mat and wireless receiver are delivered already paired. When setting them up for the first time, you should apply pressure on the sensor mat to make sure this triggers the alarm, which ought to be placed less than 30 meters away.

You can pair up to 10 wireless receivers to a single pressure sensor mat. To pair new receiver, you should follow the steps below:

1. Move the receiver's power slide switch to either the "ALARM" or "CHIME" position. You will hear a tone. It indicates that the receiver has been activated and is now in standby mode.

2. When in standby mode, you can use the tip of a pencil or a screwdriver to press and hold the "learn" button that is on the back of the wireless receiver for about 3 seconds. As soon as you hear a short tone, you can release the "learn" button. The wireless receiver is now in learning mode and is ready to receive a pairing signal from your sensor mat's transmitter.
3. Move the power slide switch of your sensor mat's transmitter to either the "ALERT" or "ARM" position without applying pressure to the mat.
4. If you hear four consecutive short tones coming from the receiver, this means the pairing process has succeeded.

**To unpair a wireless receiver, press and hold its "learn" button for 12 seconds until you hear two long tones. This indicates the receiver is no longer paired to any pressure sensor mat.**

### TECHNICAL CHARACTERISTICS

- Range: 30-meter
- Frequency: 433.92Mhz
- Ringer volume: 85dB (HI) or 70dB (LO) on the receiver
- Power: 1 coin cell battery CR2032 for the transmitter  
Three 1.5V batteries (type LR14) for the receiver

**Up to 10 receivers for each transmitter**  
Radio frequency power: < 250mW

## TROUBLESHOOTING

If the receiver does not ring, make sure that:

1. The power slide switch of the receiver is either on the "ALARM" or "CHIME" position.
2. The red LED light inside the transmitter lights up when pressure is applied to the sensor mat, if it does not, change the coin cell battery.
3. The transmitter and receptor are not more than 30 meters apart.
4. Pressure is being applied to the sensor mat.

**Note: If the visual indicator of the wireless receiver lights up, insert 3 new LR14 batteries. Hearing two tones coming from the receiver is also another indication that the batteries of the receiver needs to be changed.**

## WARRANTY

From the moment your Geemarc AMPLICALL PSA 100 product is purchased, Geemarc guarantee it for the period of two years. During this time, all repairs or replacements (at our discretion) are free of charge. Should you experience a problem then contact our Helpline or visit our website at [www.geemarc.com](http://www.geemarc.com). The guarantee does not cover accidents, negligence or breakage to any parts. The product must not be tampered with or taken apart by anyone who is not an authorised Geemarc representative. The Geemarc guarantee in no way limits your legal rights.

**Important: YOUR RECEIPT IS PART OF YOUR GUARANTEE AND MUST BE RETAINED AND PRODUCED IN THE EVENT OF A WARRANTY CLAIM.**

**Please note: The guarantee applies to the United Kingdom only.**

## UKCA DECLARATION

Geemarc Telecom SA hereby declares that this AMPLICALL PSA 100 is in compliance with the essential requirements and other relevant provisions of the Radio Equipment Directive 2014/53/UE.

*The declaration of conformity may be consulted at [www.geemarc.com](http://www.geemarc.com)*

## DISPOSAL INFORMATION



**Disposal of old electrical & electronic equipment (applicable in the European Union and other European countries with separate collection systems)**

The symbol on the product or its packaging indicates that this product may not be treated as household waste. Instead it should be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling this product, please contact your local council office, your household waste disposal service or the shop where the product was purchased.

## FCC CLASS B

**NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules.**

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Re-orient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio TV technician for help.

**NOTICE:** This This class B digital apparatus complies with Canadian ICES-003. This product meets the applicable Industry Canada technical specifications.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: **(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.**

**"This device complies with Industry Canada's license-exempt RSSs. Operation is subject to the following two conditions:**

- (1) **This device may not cause interference; and**
- (2) **This device must accept any interference, including interference that may cause undesired operation of the device."**



For product support and help visit our website at

[www.geemarc.com](http://www.geemarc.com)

E-mail : [help@geemarc.com](mailto:help@geemarc.com)

telephone **01707 387602**

lines are open 09h00 to 16h00 Mon to Fri

Parc de l'Etoile, 2 Rue Galilée, 59760 Grande-Synthe, France.

This product is made in China To Geemarc Telecom

