

# Safe Distancing Assistant



Maintaining safe social distancing in the workplace is a key challenge for every business in the COVID-19 era.

Pathfindr's Safe Distancing Assistant (SDA) is the affordable solution to this challenge. Lightweight, accurate and simple to use, the SDA helps you keep your people safe and your business open. The device can be deployed in any environment to assist with enforcement of social distancing requirements, helping you comply with safe working practices and avoid costly fines and crippling closures.

The device offers configurable distance settings and uses ultra-wideband technology for an accurate and highly reliable 360-degree field of detection. When another wearer is too close, the devices emit a short audible or vibrating alert, advising both parties to increase their distancing.

Activated when worn – either on a lanyard or clipped to clothing – there is no need to remember to turn it on and off. What's more, there's no complicated set-up, no software to install, and no other hardware, infrastructure or connectivity. The SDA works straight out of the box.

Available at a one-off cost with no ongoing subscription or service fees, the SDA comes with a one-year warranty and UK-based customer support provided free of charge.

Purchase online today at <https://pathfindr.io/shop>

For more information, please visit <https://pathfindr.io/sda>  
Alternatively, contact us at [enquiries@pathfindr.co.uk](mailto:enquiries@pathfindr.co.uk) or call +44(0)870 448 3670.



# Safe Distancing Assistant

## Product features

- Audible and vibrating alerts
- Automatically operational when worn, auto-sleep when at total rest
- Adjustable distance threshold
- Hygienic, wipe-clean
- Lanyard included
- Rechargeable, 4–5-day battery life
- Low battery alert
- Very low power, safe to wear
- Low profile, lightweight form factor
- Foreign Object Damage (FOD) aware design
- Coolant and oil resistant

## Technical details

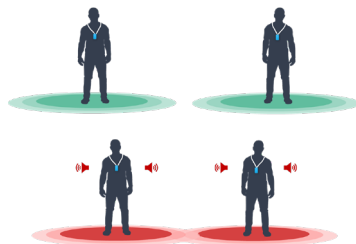
- Low power Ultra-wideband (UWB) technology
- 3.5GHz (Radio TX frequency)
- Rechargeable lithium polymer battery
- Small form factor (80x60x23mm)
- IP54 enclosure
- ROHS compliant
- CE marked and FCC certified

## Instructions for transit

Device must be turned off during shipping. To turn off device, follow steps described in the Quick Start Guide.

## Additional information

- Do not submerge in any liquid
- As with all rechargeable devices, do not leave unattended while charging



Pathfindr also provide a range of asset tracking products and services.

More information on everything we do is available on our website <https://pathfindr.io>

Alternatively, contact Pathfindr at [enquiries@pathfindr.co.uk](mailto:enquiries@pathfindr.co.uk)

# Quick Start Guide



## How it works

The Safe Distancing Assistant (SDA) listens for other nearby SDA devices, alerting when the safe distance is breached and continuing until distance is increased.



## Getting started

**Charging.** Use the supplied USB cable and remove the rubber outer-casing to access charging port. Full charging takes approximately 3–4 hours and will automatically stop when complete. The red light visible near the USB port indicates charging in progress and will turn off when the device is fully charged.

To test if the SDA is operational, press the button on the front of the device. If no tone is heard, the device is off.

**Activate.** Press and hold the button for 7 seconds. You will hear two ascending tones. Devices do not need to be turned on and off during normal day-to-day use.



## Settings

**Alert modes.** On pressing the button, the SDA will cycle through the alert modes: Volume high > Volume low > Volume extra low & Off > Vibrate-only. The selected mode is identified by the volume level of the alert heard on button press. Vibrate-only mode will return a vibration alert and no audible tone.

**Battery indicator.** As you cycle through the modes, the device will indicate its battery level: 1 beep = low | 2 beeps = medium | 3 beeps = full.

**Turn off.** To prevent unauthorised disabling of the device, the 'off' function is hidden. Press the button until you are in extra low volume mode, then immediately hold the button for 7 seconds until you hear two descending tones. To verify the device is off, press the button again; there should be no tone.

**IMPORTANT:** Only turn off one device at a time.

**Adjust distance threshold.** Place two SDA devices apart at the required alert distance, set to vibrate only. Press and hold the button on each device simultaneously (+/- 1 second) and hold for 10 seconds to set the distance on both. Rapid beeps sound when the new distance is configured.

**PLEASE NOTE:** Devices that are located within approximately 20cm of each other will temporarily disable audible and vibrate alerts. This helps when charging and cleaning the devices. Alerts will activate again once the distance is increased, as long as the devices are not manually turned off.

# Safe Distancing Assistant FAQs

## Is the device rechargeable and how long will one charge last?

Yes, the device is rechargeable. Charging takes 3 to 4 hours. One charge will last 4 to 5 days.

## Why does the device not alert immediately after breaching a safe distance?

You may have the delay function installed on your device, which was developed for situations where it is necessary to breach recommended distance limits for short periods of time e.g. walking down corridors, team working. These devices will alert after a short delay.

## Can the devices be cleaned/sanitised?

The device is IP54 rated so it's protected from light splashing such as rain but must not be submerged in liquid. We recommend wiping with a damp cloth and disinfectant. We have options for customers who require a higher IP rating. Please contact us to discuss.

## Will the devices interfere with my existing systems?

No. The 3.5GHz frequency has been specifically chosen to be separate from other equipment frequencies.

## Can the devices be shared?

Devices do not need to be assigned to an individual, so it is possible to share between users, e.g. across shifts. However, due to COVID-19 sometimes remaining on surfaces we strongly recommend the devices are sanitised before changing user.

## Do the devices need a connection or store any personal data?

No, the SDA is fully self contained and has no connectivity. No data is collected or stored.

## What is the warranty period on the device?

There is a one-year warranty period for all devices.

For more FAQs visit:

<https://pathfindr.io/sda-support>

