



# FLEET MASTER

Dista-Safe



www.doosan.com

## DISTA-SAFE AGAINST COVID-19

Dista-Safe is a PPE (Personal Protective Equipment) which has been set up to fight COVID-19. Dista-safe aims to reduce the risk of infection. The system will monitor the distance between people and alerts the workers in case of any risk with an acoustic and vibration warning, when the safety distance is not respected. Dista-Safe respects hygienic guidelines thanks to its wireless charging and IP65 protection, it can be sanitized in total safety.

At the end of the shift, the person in charge is informed about the compliance with the safe distance, by using a LED light: red in the event of contagion risk, green otherwise. Dista-Safe uses technologies of military origin which allows to have an accuracy of few centimeters avoiding false alarms. Once the emergency is over, Dista-Safe can be reconverted into anti-collision between forklifts and pedestrians.

 Safety distance warning

 Detects and stores gatherings

 Safe sanitation

### Security signals

- **Green flashing LED**  
Correct operational status system
- **Red flashing LED + Beep + Vibration**  
Risk of exposure detected
- **Fixed red LED**  
Failure to comply with safety distance more than 5 seconds
- **Beep + red LED**  
Lost or abandoned device
- **Red and green flashing LED**  
Device ran out of battery

### 1. How long does it take to charge the battery?

Depending on the configuration of the device, each device will cover 3 working shifts. It's recommended to check the battery status and charge the tags on time. This can be done with the optional charging station. It is recommended to sanitize the system, check the LED status and put the system in the charging station at the end of each work shift.

### 2. How to analyse if there was any risk of exposure?

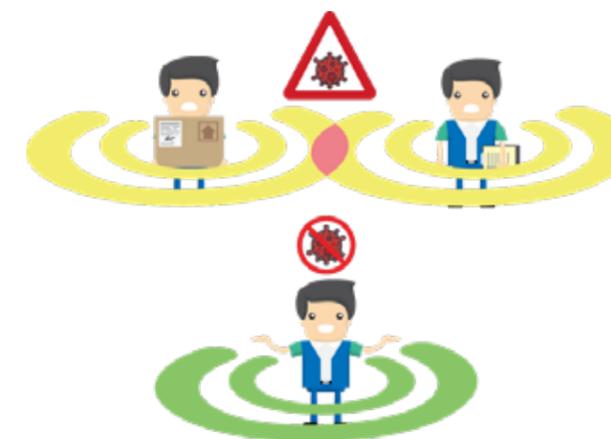
Thanks to the integrated LED lights.

- Red light: risk of infection
- Green light: free of risk

To reset the current status, it's recommended to place the tag into the charging device.

### 3. Can i prevent to lose the device?

If the device is lost or abandoned, it can be traced thanks to the Dista-Safe acoustic sound and light signalling.



### Example

1. The tag will be handed over to the operator with a green LED.
2. If the operator is not maintaining the safety distance the tag will vibrate, give a light signal and send out an acoustic alert.
3. If the operator remains close to another person within the 1.5 meter for more than 5 seconds, the red LED becomes fixed.
4. At the end of every work shift the person in charge can check the LED status of every tag and can take action if needed.
5. The person in charge can sanitize all tags and add into the charging device for the next upcoming shifts.