

# USER MANUAL

PROGRAMMABLE DIFFUSER MACHINE

MODEL No: SD-PDM200

PRODUCT No: 5060340173821



## Overview

This scent diffusion unit is intended to be installed inside commercial and domestic rooms of between 20 to 200 cubic metres. The device is programmable and designed to be set up then left alone, with periodic inspection and occasional refilling.

## Health and safety instructions and considerations

Do not mount or position outdoors, near running or splashing water, in doorways or areas of person or goods movement. The noise level during active periods is typically less than 42dBA during periods of active operation. Consider noise levels when mounting in a work area.

Do not install anywhere that is:

- Within 1m of where a person's face could be periodically or within 2m of a permanent workstation.
- Near naked flames, heat, sparks or other sources of ignition.
- Accessible to children and animals.
- Subject to temperature below 10C (50F) or above 32C (90F).

Always turn off and disconnect from the mains power source before reprogramming, refilling, inspecting or servicing.

Do not allow fragrance oils to come into contact with skin or eyes.

Do not attempt to run the unit continuously by way of setting EVENTS, SCENT WORK and SCENT PAUSE times to approximate continuous scent dispersal (see instructions for programming on the next page).

Do not allow extended operation with an empty fragrance oil bottle.

See local authority facilities for disposal of unwanted fragrance oils.

Do not put any fluids into the unit other than Sensory Decisions approved fragrance oils. Use of any non-approved fluid invalidates the warranty, risks damage to the unit and is potentially dangerous to health.

## Positioning and mounting

Consider air flow movements such as heating, ventilation and air conditioning systems, windows, doors and fans. Position with regard to these systems such that air movements help distribute the scent.

It is essential that the unit remains upright and secure at all times, by mounting to a wall or other suitable horizontal surface. It is therefore recommended to use the mounting kit (provided) to safely and securely mount the unit to a sound vertical surface. After identifying a suitable location:

- Fix the black mounting plate to a suitable upright surface.
- Depending on the surface available, alternative fixing screws and plugs may be required.
- Secure the unit to the plate using the small, silver round-head screw. There is an aperture behind the scent bottle to allow the screw to locate into the nut within the mounting plate.

## Filling, refilling and oil consumption

Do not:

- Fill the scent bottle more than 75% full (three-quarters).
- Allow fragrance oil to come into contact with the skin.
- Use fragrance oils and bottles other than those approved by Sensory Decisions.

Running out of fragrance oil is noticeable by a distinct lack of scent, however a daily or weekly inspection of fluid levels is recommended, depending on duty cycle. For optimum performance it is recommended to keep the fragrance oil bottle above 20% full.

150ml of Sensory Decisions fragrance oil should last between three weeks and three months on a typical working week duty cycle, however actual consumption will vary depending on the installation and programming.

When changing to a different scent, allow for a changeover period, preferably follow cleaning instructions above to avoid minimum disruption when converting from one scent to another. For information on replacement oils, spares, accessories and the check the latest list of scents available, contact [info@sensorydecisions.com](mailto:info@sensorydecisions.com).

## Servicing and cleaning

Periodically inspect the nozzle for signs of blockage or contamination, having switched off and disconnected the unit from the mains power source. If required, rinse the nozzle in warm soapy water and allow to dry before reassembling.

Periodically inspect the power cable for signs of fraying or damage. For commercial use, adopting a Portable Appliance Testing schedule is recommended. The outside of the unit may be cleaned using a damp cloth. There are no user-serviceable parts in this unit - to not attempt to take apart; there are anti-tamper features.

## Instructions for programming

Each of our separate events (EVENT 1 through to EVENT 4) can be programmed to apply to one or more days per week with a specified start and stop time. During each of the events, the unit will actively WORK to diffuse scent, then PAUSE. The WORK time and PAUSE time are set in seconds, e.g. 240 seconds = 4 minutes. The unit will repeat the WORK-PAUSE cycle until the set stop time for that EVENT.

Buttons overview:

- MODE: cycle between showing: the day/time and any of the 4 four events (EVENT 1, EVENT 2, EVENT 3, EVENT 4).
- SET: press this to make changes to the day/time or any of the 4 EVENTS.
- UP: increase the variable.
- DOWN: decrease the variable.

Set the day/time:

- Use the SET button then the UP and DOWN buttons to change time and date.

Set the scent work/pause calendar:

- Press MODE button to review each mode.
- For each event, the start ON and end OFF time can be set using the UP and DOWN buttons. For any time range that an event is not active, the unit will be dormant.
- For each EVENT the days of the week that apply can be set. Multiple days of the week can be selected for each mode.
- For each event the UP and DOWN buttons can be used to adjust the:
  - SCENT WORK: this value is the number of seconds the machine will actively and continuously emit scent during this EVENT.
  - SCENT PAUSE: the number of seconds the machine will be dormant during this EVENT.

The unit may be unplugged for short periods of time without the programming settings being lost.

It is recommend to start with less intense programming and increase until a satisfactory level is achieved.

More frequent / longer dispersal settings will be required for larger room volumes or those with higher levels of air circulation, such as rooms with frequent door openings. More frequent / longer dispersal for areas and times when there may be unpleasant or competing smells. Program the device to be turned off when not needed, e.g. overnight or out of business hours. This saves on fragrance oil.

## Warranty

This unit comes with a 6 month limited warranty, valid from the date of purchase. This warranty is non-transferable and proof of purchase is required.

The warranty is invalidated by failing to follow the instructions in this manual, including but not limited to:

- Use of non-approved fluids
- Use outdoors
- Physical damage or excessive wear and tear
- Non-approved installation or modifications to the unit. The unit has anti-tamper features - do not attempt to take apart.

## Support

For technical or commercial enquires please contact:

[info@sensorydecisions.com](mailto:info@sensorydecisions.com)