petporte®

smart flap

Smart Flap - At a glance

program buttons (paw & moon)

porch with reader

petporte

smart flap

cover plate

in lock

out lock
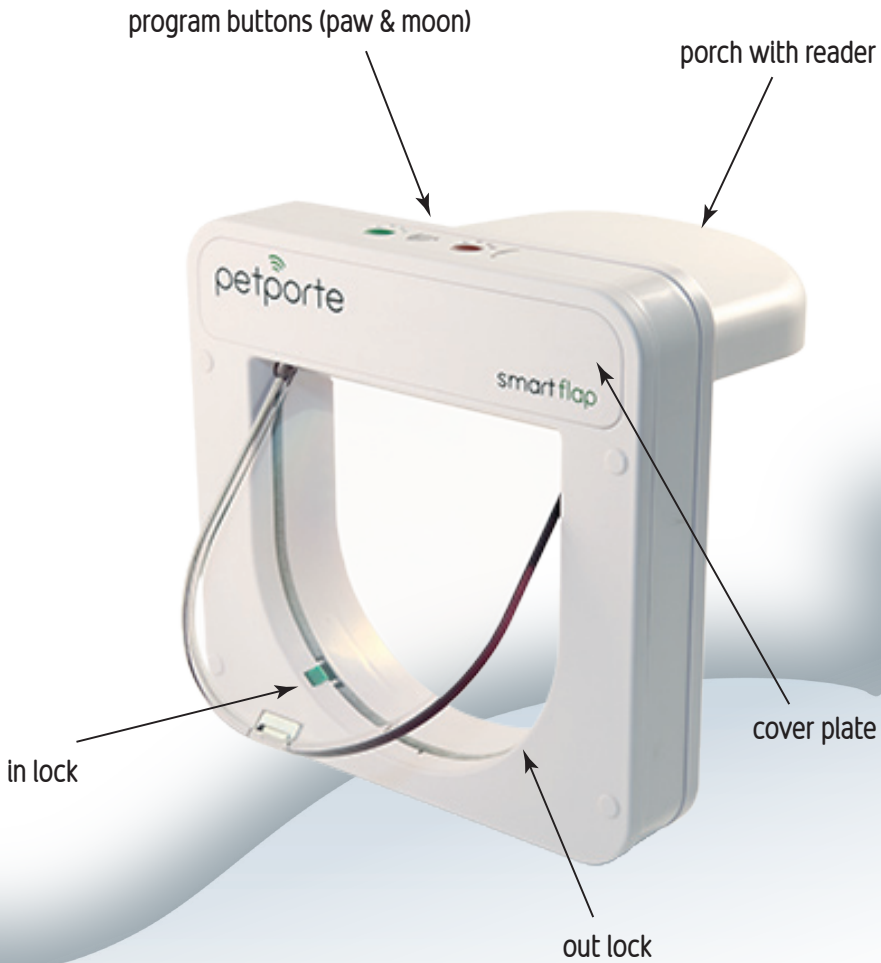
Quick Guide

FUNCTION	BUTTON ACTIVATION
Normal Mode	This is the default mode on powering up and requires no button activation.
Night Mode	*Press the Red Button for < 2 seconds:*
(not available in battery mode)	The red light should then illuminate. During the hours of darkness the green light will illuminate and, automatically, the system will not allow any cats to go out.
Vet Mode	*Press the Red Button for > 2 seconds:* The red light will then flash and the unit will not allow any cats to go out.
Program Entry	*Press and hold the Green Button for > 10 seconds:* The green light will flash and you then have 30 seconds in which to program your cat by passing the porch over the animal.
Extended Modes	*Press and hold both the Red and Green Buttons for > 2 seconds* The unit will emit a long beep indicating that the extended modes are now available and the green light will be lit. *(See the Extended Modes - Quick Guide on page 4)*
Child Lock	*Press and hold the Red Button for > 30 seconds* The unit will emit a series of beeps indicating the unit is now locked.
Erase Mode	*Press and hold both the Red and Green Buttons for > 30 seconds* The unit will emit a series of short beeps followed by a long beep. Both lights should now be flashing.
Default Mode	*Press and hold the Green Button for > 30 seconds* The unit will emit a series of short beeps followed by a long beep. Both lights should extinguish.

Extended Modes - Quick Guide

Press and hold both the Red and Green Buttons for > 2 seconds and then release to enter the extended mode menu.

When in extended mode the green light illuminates. Modes are selected by pressing the Red Button to go "up" a mode and the Green Button to go "down" a mode. The current mode is indicated by a number of beeps. When you are in the mode you require a quick press of both buttons simultaneously will activate that mode.

NO. OF BEEPS	MODE	RED AND GREEN BUTTON PRESS ACTIVATION
1	Cancel	Cancels the extended mode option system and returns the Smart Flap to a normal mode of operation.
2	Open Mode	The green light will flash and the green lock will lower allowing any cat access through the Smart Flap.
3	Silent Mode	The audible beep will no longer sound when your cat is recognised by the Smart Flap.
4	Set Light Level	Sets the desired light level for which the cat flap will lock and unlock during Night Mode operation.
5	Lock-out Time	The red light will flash to indicate you are in "lock-out time" mode. *Press and hold the Green Button for the desired lock-out time of between 1 and 25 seconds before releasing.* During this period an audible beep will sound until the Green Button is released and the Smart Flap re-enters its normal mode of operation.
6	Power-Down Lock State	*Pressing the Green Button toggles the green-lock state, while pressing the Red Button toggles the red-lock state.* Once the locks are in the required position a press of both Red and Green Buttons returns the Smart Flap to a normal mode of operation.
7 - 9	Reserved	Reserved modes.

Contents

Introduction

Your Smart Flap

Your Pet Porte Smart Flap is a natural development of the original Pet Porte Micro-chip cat flap and has been designed to allow your animals easy access to the outside world whilst keeping other troublesome cats out of your house. Unlike other cat flap products, Pet Porte cat flaps do not require your animals to wear collars or accessories.

The Smart Flap uses the same patented technology as the original Pet Porte Micro-chip Cat Flap to read the unique identification number stored on your cat's micro-chip that your vet has implanted in your animal. Whenever your cat passes under the porch of the cat flap, the system scans the unique number and, if that number matches the number already programmed in for that cat, it will unlock the cat flap and allow that particular animal to enter. If the animal has not been programmed into the system then the number scanned will not match and the cat flap will remain locked preventing access to your property.

If you are not sure whether your cat has a microchip, then just ask your vet to scan for it. The Pet Porte Smart Flap is designed to read the most common type of micro-chip, the FDX-B; it will not read other types of microchip. If you are not sure what type of microchip your cat has, then please either ask your vet or visit www.petporte.com and navigate to our microchip compatibility checker to verify that your microchip is compatible.

Other features of the Smart Flap are:

1) **Battery backup facility:** Powered by a low-voltage power supply, your Smart Flap has space for a battery to be fitted, ensuring your cat does not get locked out in the event of a power failure.

2) **Selective exit:** As well as selective entry, an optional accessory to allow only programmed cats to leave the house will soon be available. Vital if you have a poorly animal yet still want to give other animals their freedom.

3) **Night mode:** Automatically prevents your cat going out during the hours of darkness. If already out, it can still come back in.

Introduction (continued)

Your Smart Flap

4) **Audible beep:** An audible beep gives auditory feedback to your cat and lets you know when your cat comes home.

5) **Vet mode:** If you want your animal to stay in, even if it is out at the moment (for example when you want to take your animal to the vet), then the cat flap will allow your animal to enter but will prevent it from going out.

6) **Weatherproofing:** Includes a magnetic latch and draught excluder.

7) **Fits traditional cat flap openings :** The Smart Flap has been designed to replace the more traditional cat flap and will fit into a hole either 17cm x 17cm or 21cm diameter. (*Please see the installation guide for further information.)*

Your Cat's Microchip

Extensive testing of the Pet Porte, with a large range of available microchip manufacturers, has proved that the technology behind the Pet Porte range of cat flaps works perfectly with the majority of FDX-B microchips.

However, a very small percentage of cats have a microchip that has a reduced read range and slow reaction time. This does not mean the microchip is faulty as your vet can still scan for it with their own handheld scanners when in close proximity to the microchip. On these rare occasions the Pet Porte Smart Flap can only be used as a traditional cat flap without selective entry or exit.

If a new hole in a door or wall is to be cut for installation, we strongly advise testing your Smart Flap with your cats first.

For further advice and to check your cat's microchip compatibility visit www.petporte.com or contact our customer services.

Safety First

Pet Porte cat flaps have been designed with safety for you and your animals in mind. However, please follow these guidelines to ensure your safety, especially during installation.

1) Simply clean the cat flap with a damp (not wet) cloth, or antistatic wipe. **Never** use household polish as this may damage the product.

2) Only use the power supply included with the product. Using an unauthorised power supply will invalidate your guarantee and may damage the cat flap.

3) Do not dismantle the cat flap. This could expose you to high voltages or other risks.

4) During installation great care must be taken using drills or other cutting equipment. If you are at all in doubt then please hire the services of a qualified professional to fit the cat flap for you.

Operating Modes

PROGRAMMING NEW CATS INTO THE SMART FLAP

Because your Smart Flap is initially supplied unprogrammed, when it is first powered both the green and red lights will flash to indicate that there are no animals programmed in. The door locks will also open, allowing free access for any animal to enter or exit. Prior to installing your Smart Flap to a door or wall we advise that you test the Smart Flap's operation by programming your cats, as shown below.

When programming the Smart Flap with an animal for the first time, ensure that your pet is nearby as you have 30 seconds in which to introduce the animal to the scanner. (You may wish to enlist the help of another person, as cats are naturally suspicious of anything new!)

Press and hold the Green Button for about 10 seconds until the green light stays illuminated and then release the Green Button. A beep should sound and the red light should stop flashing with only the green light left flashing. You now have 30 seconds to move the porch part of the Smart Flap over your cat. There is no need to post the cat through the Smart Flap as this can lead to unnecessary stress for the animal. Microchips are normally implanted between the shoulder blades of the animal; it is that part of the animal that needs to be under the porch area in order to program the unique identification number for that animal. Once the microchip has been successfully scanned, the Smart Flap will beep three times. The green light will stop flashing, and the green lock will come up to its locked position.

If this procedure fails the first time, simply repeat the process.

You will need to program the unit with each of your cats by using this method. Your Pet Porte Smart Flap can be programmed with up to 31 animals

Normal Mode:

This is the default mode on powering the cat flap and will allow only your cat(s) to enter.

Operating Modes (continued)

Night Mode:

For a variety of reasons many pet owners prefer their animals not to go outside at night. The Pet Porte Smart Flap provides a mode whereby it will automatically prevent your pet from going outside during hours of darkness and the cat flap will automatically unlock when daylight dawns. If your pet is already outside when darkness falls, the system will still allow the animal to enter.

To employ this mode, press the Red Button for 1 second and then release it. The unit should beep and the red light will come on to inform you that it is in Night Mode. When darkness falls, the green light will illuminate, indicating that the cat flap will be locked. When daylight dawns again outside, the green light will extinguish, indicating that the cat flap will be unlocked.

Please note: Night mode can take up to 30 seconds to start functioning.

Vet Mode:

If you are intending to take your pet to the vet, or just want it to stay inside, then the Pet Porte Smart Flap provides a mode whereby your cat can enter but will not be allowed out again.

To employ this mode, press the Red Button for 5 seconds, or until the red light begins to flash, and then release it. The unit will then beep and the red light will start to flash, indicating that the cat flap is locked and your cat cannot go out.

To exit this mode, press the Red Button again for 5 seconds, or until the red light begins to flash, and then release it. The unit will beep again and the red light will extinguish.

Extended Modes:

The Pet Porte Smart Flap has a number of extended modes that allow you to customise the Smart Flap to suit your individual needs.

Operating Modes (continued)

Extended Modes (continued):

To enter the Extended Modes menu, press both the Red and Green Buttons for 2 seconds, or until both lights begin to flash, and then release them. The Smart Flap should beep and the green light will come on to inform you that you have now entered the Extended Mode menu.

For information on how to use the Extended Modes please see the Extended Modes section on page 12 of this user guide.

If no buttons are pressed within a 20 second period, the Smart Flap will beep and the green light will extinguish, indicating that the unit has gone back to its normal mode of operation

Child Lock

If you wish to lock the buttons on your Smart Flap (preventing children from adjusting the modes!), press and hold the Red Button for 30 seconds. The unit should begin to beep repeatedly. Release the Red Button and the unit will now be set to Child Lock.

To re-enable the button controls and disable the Child Lock, repeat the above process.

Erase Mode:

If you wish to erase all programmed animal identification numbers from the system's memory, please use the following procedure. However, it must be noted that once the memory has been erased, you will have to re-program the unit with any animals that are to use the cat flap. Therefore, please ensure that you really wish to erase the memory before proceeding.

Operating Modes (continued)

Erase Mode (continued):

To erase all microchip numbers, press and hold both the Red and Green Buttons for 30 seconds. The unit should begin to beep repeatedly. Release both the Red and Green buttons and the unit should emit a long beep and both lights should begin to flash, indicating that the memory has been erased.

Remember: Once the unit's memory has been erased, it will have to be re-programmed before further use!

Default Mode

Should you wish to reset your Smart Flap back to its Default Mode, with no other modes running, please use the following procedure.

To enter the Default Mode, press and hold the Green Button for greater than 25 seconds, or until the unit emits a series of short beeps, before releasing the button. The unit should emit a long beep and all lights should extinguish, indicating the Smart Flap is in it's Default Mode of operation.

Extended Modes

The Pet Porte Smart Flap's "extended mode" system gives you the opportunity to tailor the Smart Flap to your individual requirements and can be accessed by pressing both the Red and Green Buttons for 2 seconds, or until both lights begin to flash, and then release them. The Smart Flap should beep and the green light will come on to inform you that you have now entered the "extended mode" menu.

When in "extended mode" the modes are selected by pressing the Red Button to go "up" a mode and the Green Button to go "down" a mode. The current mode is indicated by a number of beeps. When you are in the mode you require, a quick press of both buttons simultaneously will activate that mode. See page 4 of this user guide for a table of available extended modes.

Extended Modes (continued)

Cancel Mode - 1 Beep

Indicated by a single audible beep, this option simply cancels the "extended mode" and puts the Smart Flap back into a normal mode of operation.

Open Mode - 2 Beeps

In the unlikely event that you wish to have the Smart Flap open to allow any animal entry, the Pet Porte Smart Flap provides a mode whereby any animal (be it micro-chipped or not) can enter through the Smart Flap.

When Open Mode is activated the unit will emit a long beep and the green light should flash to show the unit is in Open Mode.

To de-activate Open Mode, activate the Open Mode once more. The unit will again emit a long beep and the green light should extinguish, indicating the Smart Flap has returned to a normal mode of operation.

Silent Mode - 3 Beeps:

Each time that a recognised animal enters or leaves via the Smart Flap the unit will emit a short beep. To silence this beep, activate the Silent Mode. A short beep should be heard, following which no further beeps will be emitted whenever your pet enters or exits the Smart Flap.

To turn the beep back on, activate the Silent Mode once more. The unit will again emit a short beep, following which a short beep will be emitted whenever your pet enters or exits the Smart Flap.

Set Light Level - 4 Beeps:

When the Smart Flap is set to Night Mode the light sensor detects a pre-determined level of ambient light and locks or unlocks the Smart Flap accordingly.

Extended Modes (continued)

Set Light Level - 4 Beeps (continued):

If you wish to alter when the Smart Flap locks or unlocks in Night mode, simply activate the Set Light Level mode, in the morning or evening, when the outside light is enough for your cat to be safely outside. The unit will emit a beep and enter its previous mode of operation.

The next time the light reaches the set level the Smart Flap will either lock or unlock, depending if it is morning or evening.

Note: The light level setting will remain in memory even if you lose power to your Smart Flap.

Lockout Time - 5 Beeps

The default time for your Smart Flap's locks to return to their locked positions after your cat's microchip has been recognised is 4 seconds. However, should you have a particularly timid cat, or if your cat is being chased and closely followed by a hostile animal, the lock return time can be lengthened or shortened by the following procedure.

Activating Lockout Time from the extended mode menu will result in the red light flashing. Press and hold the Green Button for the desired lockout time of between 1 and 25 seconds before releasing. During this period an audible beep will sound for the duration of the button press, until the Green Button is released. On releasing the Green Button the Smart Flap will return to its normal mode of operation.

Power-Down Lock State - 6 Beeps

If, when the Smart Flap is running in battery mode, the battery charge runs low, the Smart Flap has a built in option to allow the locks to be set at a specified open or closed position.

Extended Modes (continued)

Power-Down Lock State - 6 Beeps (continued)

This option, for example, will allow the green lock to be open or locked when the battery is low, preventing or allowing any animal access inside the house through the Smart Flap. Likewise, the red lock can be set to be open or locked when the battery is low, preventing or allowing any animal access outside the house through the Smart Flap.

Activating "Power-Down Lock State" from the extended mode menu will result in the unit emitting a beep. Pressing the Green Button will toggle the green lock state between open and closed, while pressing the Red Button toggles the red lock state.

When both red and green locks are in the required position a quick press of both Red and Green Buttons will result in a short beep sounding and the Smart Flap will return to its normal mode of operation.

LED Indicator - Quick Guide

Explanation of LED indicators:

		FUNCTION
Flash	Flash	Power on but nothing programmed
OFF	OFF	Normal Operating Mode
OFF (Day) / ON (Night)	ON	Night Mode
OFF	Flash	Vet Mode
Flash	OFF	Open Mode
ON	Flash	Battery Level Low

Battery Backup Facility

Your Pet Porte Smart Flap has the facility to fit a backup battery, ensuring your cat can still have access to your house in the event of a power cut on the low voltage power supply.

Instructions on how to fit the backup battery and the type of battery required can be found in the installation guide supplied with the Smart Flap.

Please note that the following functions are currently unavailable with your Pet Porte Smart Flap, when the unit is being operated by battery alone:

1) Wall Mounting - Currently the Smart Flap Battery Backup Facility is unable to function on a wall fitted unit.

2) Night Mode - Currently Night Mode is unavailable when the unit enters battery backup mode.

3) Selective Exit and Computer Control Accessories - Currently, the selective exit and computer control accessories are unavailable when the unit enters battery backup mode.

For future changes and improvements to the battery backup facility please visit www.petporte/smartflap for further information.

Help

If you have any problems whilst using your Pet Porte Smart Flap, the Pet Porte website contains a list of frequently asked questions and answers which may help with your problem.

Please visit: www.petporte.com

Alternatively, please contact our customer services department by phone on +44 (0) 1481 265359 to speak to one of our members of support staff.

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