



www.dogfender.com UK CA CE

FIG 1 OVERVIEW



Battery Level/
Charging Status
indicating Full

Standby Mode Amber - Solid
Indicates the unit is now on and waiting for a command. In this Mode No Stimulant can be given.
Page 4 Turning on (Standby Mode)

Defence Mode Red - Flashing
Three defence levels are available, please read our Safety Guidelines and the Defence Mode, Page 4.

Water Sensor Amber - Flashing
Please see the Water Sensor section and (Fig 3).

FIG 1a

3 SAFETY GUIDELINES

DogFender is an innovative defence system, designed to repel aggressive dog-on-dog attacks by delivering a Static Pulse Stimulant.

DogFender must only be used as a last line of defence and at all times in accordance with the operating instructions and safety guidelines.

BASIC CHART GUIDELINES

SIZE	SMALL	MEDIUM	LARGE	X LARGE
WEIGHT	1-10 kg 2-22 lbs	11-26 kg 24-57 lbs	27-40 kg 59-89 lbs	40-60 kg 89-133 lbs
NECK SIZE	12"- 16" 32-40cm	15"- 19" 37-49cm	18"- 24" 46-62cm	18"- 24" 46-62cm
STIMULANT	700v	1000v	1400v	1400v

- DO NOT USE A DEFENCE STIMULANT LEVEL HIGHER THAN NECESSARY.
 - DO NOT TOUCH the collar contacts, when in defence mode (Fig 1).
 - DO NOT USE DogFender for anything other than the purpose for which it was designed.
- Remember, most dogs are friendly. Be a responsible dog owner and use your experience of another dog's behaviour to appropriately assess each situation.

4 OPERATION & FUNCTIONALITY

TURNING ON (STANDBY MODE)

1. Hold the Remote Control Unit (RCU), and swipe across DogFender to activate the **Swipe Switch** (Fig 1&4) **DO NOT** press the **DEFENCE** and **LIGHT** buttons together, this was only necessary for pairing.
2. The Battery Level LED panel will illuminate green indicating battery levels (Fig 1), followed by solid amber LEDs. The DogFender collar is now in **Standby Mode** waiting for your command, see display panel (Fig 1a).

DEFENCE MODE

Using the RCU, press the Defence button once. The RCU LED signal indicator (Fig 2) will briefly illuminate, confirming a command has been sent to your DogFender collar. The Defence Level (Fig 2) will now indicate by the illumination of **one** LED, the lowest Defence Level has been activated. The DogFender Collar LEDs will confirm this setting by flashing **60 pulses/min**. DogFender is now ready to repel an attack from a **Small** size dog. (Refer to Basic Safety Guidelines (Page 3).

Press the Defence button a second time. The RCU Defence Level will now indicate by the illumination of a second LED, the DogFender Collar LEDs will confirm this setting by flashing at **120 pulses/min**. DogFender is now ready to repel an attack from a **Medium** size dog.

Press the Defence button a third time, the RCU Defence Level will now indicate by the illumination of a third LED. DogFender Collar LEDs will confirm this setting by flashing at **180 pulses/min**. DogFender is now ready to repel an attack from a **Large** size dog.

5



DEACTIVATING DOGFENDER
Pressing the Deactivate Button (Fig 2) at any time will deactivate the DogFender Defence mode. The red LEDs will extinguish and be replaced by solid amber LEDs, indicating Standby Mode.

AUTO DEACTIVATE TIMER

If DogFender is inadvertently left in Defence Mode, it will automatically Deactivate after **60 seconds** and revert to **Standby Mode**.

TURNING DOGFENDER OFF

Simply swipe the RCU unit across the DogFender unit.

1 PLEASE READ BEFORE USE

Please read this manual in order to familiarise yourself with the operation and functionality of your DogFender product.

To activate your warranty, register at www.dogfender.com within 7 days of purchase.

INTRODUCTION

Thank you for choosing DogFender, a safe and practical dog defence collar, designed to provide peace of mind to the conscientious pet owner. Unfortunately but thankfully rarely, our pets may suffer injuries, sometimes serious, as a result of unprovoked attacks from other animals. We at DogFender, sought to provide a defence to this potential threat and the DogFender Collar was born.

The DogFender collar is capable of repelling attacks from other dogs and protects your pet's vulnerable areas - throat, head and shoulders. It does this in a user friendly and convenient package.

For more information on our exciting product and accessory range, please register at www.dogfender.com

WHAT'S IN THE BOX

1x DogFender, 1x Remote Control, 1x Keychain Loop, 1x Reset Pin, 1x Mini USB Cable, 1x Thank You Note and this Manual.

6 NIGHT LIGHT

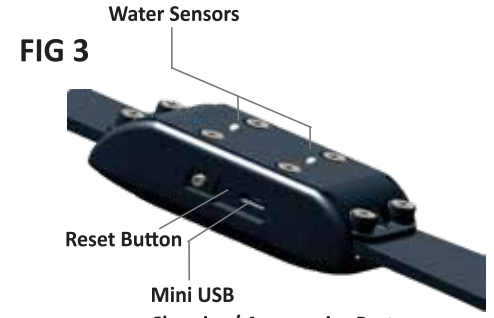
Night lights will assist to locate your pet during poor light conditions (Fig 1). Effective up to 40 metres and activated/deactivated by pressing the Light ON/OFF button on the RCU (Fig 2).

WATER SENSOR

Water Sensors (Fig 3) detect the build up of water on your dog's fur and will prohibit Defence Mode. This will be indicated by **flashing amber LEDs**.

Once your pet has shaken itself, its fur will then usually be sufficiently dry in order for DogFender Defence Modes to be re-activated, this will be indicated by **solid amber LEDs**.

Please note, the longer and more dense the fur, the longer the water sensors may require before use of the defence function.

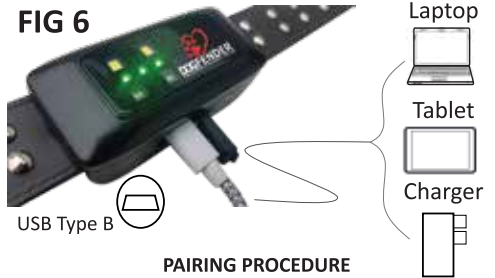


After charging the unit, the USB cover must be firmly closed to ensure a good water seal.

2

Before use, fully charge your DogFender Collar and Remote Control Unit (RCU) in order to ensure battery longevity (Fig 6). Charging status and subsequent battery levels are displayed on your DogFender (Fig 1). **After charging the unit, the USB cover must be firmly closed to ensure a good water seal.**

FIG 6



PAIRING PROCEDURE

1. On the Remote Control Unit (RCU) first, **press and hold down the LIGHT** button, without releasing this, **press and hold down the DEFENCE** button, the Defence Level LEDs will flash (Fig 2), now release both buttons and swipe the RCU across the DogFender unit to pair (Fig 4).
2. The DogFender Standby LEDs will flash amber (Fig 1).
3. The DogFender Collar and the (RCU) LEDs will both pulsate for **3 seconds**, the DogFender collar will then display **solid amber**. Your DogFender Collar and Remote Control unit are now paired. **PLEASE FOLLOW OUR SAFETY GUIDELINES, PAGE 3.**

MULTIPLE PAIRING

One RCU can be paired to operate more than one DogFender Collar, please repeat pairing instruction to each collar.

7 TROUBLESHOOTING (RCU DIAGNOSIS)

- Signal indicator located on the Remote Control Unit (RCU) not lighting (Fig 2)
 - Recharge (RCU) (Fig 6)
- RCU LED indicator still not responding
 - Replace (RCU) visit www.dogfender.com
- DOGFENDER COLLAR DIAGNOSIS
 - DogFender does not respond to my swipe
 - Make sure DogFender is fully charged, please see charging DogFender instructions (Fig 6)
- DogFender does not respond to a command
 - Make sure DogFender has been paired, see pairing procedure (Page 2)
- DogFender still not responding to a command
 - Press the reset button using the reset pin supplied for 10 seconds (Fig 3)
- DogFender still not responding to a command
 - Insert mini USB and charge (Fig 6).
- Does the battery LED meter indicate charging?
 - No... please change USB lead and charger. Still not responding, replace unit. Visit www.dogfender.com
 - Yes... wait until fully charged. Still not responding, reset once again. Still not responding, replace DogFender unit Visit www.dogfender.com

ACCESSORISING

The DogFender unit has been designed to suit all sizes and dog breeds, a large selection of collars are available in a variety of styles and colours.

Please check out our website www.dogfender.com

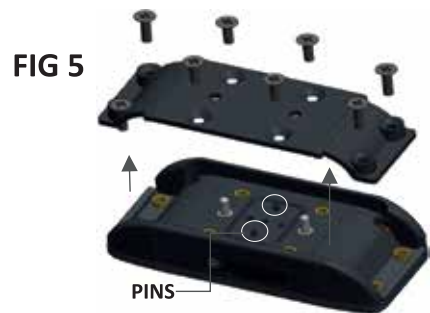
COLLAR FITTING ADJUSTMENT

Adjust the DogFender collar using the two finger method to gauge the correct collar fit, pushing through the collar hole that suits your dog size.

CHANGING THE COLLAR

Remove the eight screws securing the collar back plate, remove collar (Fig 5).

In reverse order, add the collar of your choice and clean area using a damp cloth being careful not to damage pins.



DO NOT OVER-TIGHTEN SCREWS

SPECIFICATIONS

DogFender weight	S 110g approx. M 140g approx. L/XL 160g approx.
Waterproof	IP68 tested
Stimulant levels	700v 1000v 1400v
Main unit materials	PC/ABS
DogFender casing	26.6 x 76 x 34mm
Crush strength	7000 PSI
Product Temperature Range :	-20°C ~ 40°C
Night light luminous	30 lux
Standby time	30 – 40 hours approx.
Standby with night light	25 – 35 hours approx.
Rechargeable	Yes
DogFender charge time	3 - 4 hours approx.
Remote control charge time	1 - 2 hours approx.
Radio frequency	FM 433 MHz
Radio range	40 metres approx.
Micro USB	Type B

MODEL DF166MD

Extra Remote Control to be used with the DogFender collar



Order from www.dogfender.com

CONTACT DETAILS

The DogFender team is dedicated to make your experience with DogFender a pleasant and happy one, both for you and for your beloved friend.

Any advice in using your DogFender, any feedback you may have for us, or even any lovely memories you may want to share with us, we would be very happy to hear from you.

Please contact us through our website or by email.

We look forward to hearing from you and would love to see a picture of your wonderful friend wearing DogFender.

Website: www.dogfender.com

sales@dogfender.com

info@dogfender.com

returns@dogfender.com

customerservice@dogfender.com

MANUFACTURER & DISTRIBUTOR:

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Disclaimer, warnings and use limitations

- Our collars must never be fitted on or intentionally used to shock humans. They are only suitable for wearing by dogs and each collar will only fit the size of dog indicated on the product packaging. Further information about sizing is available on our website.

- You must only use our products in accordance with the instructions and information provided with them. Do not use a product if it becomes damaged.

- Our products are designed to help defend your dog from physical aggression from other animals. We do not guarantee that they will protect your dog from attack.

- Never alter, modify or repair this device, or ask any individual or business to do so, without our prior authorisation. If you require a repair or replacement, please contact our Customer Care Team who will be able to assist you.

- To the maximum extent permitted by law, we are not responsible for any loss or damage that is caused by your misuse of the products (including without limitation any use that is not in accordance with the product instructions and information), or for any loss or damage that is not foreseeable. To the maximum extent permitted by law, our total aggregate liability to you for any product will not exceed the price that you paid for it. Nothing in this paragraph limits our liability to you where it would be unlawful to do so. For example, we do not limit our liability for death or personal injury caused by our negligence, or for fraud or fraudulent misrepresentation. The limitations of our liability in this paragraph do not affect your statutory rights.

WARRANTY

DogFender is covered by a 12 month manufacturer defect warranty.

All packaging must be kept for the duration of the warranty.

Please activate your warranty within 7 days of purchase, by registering your product at www.dogfender.com using the unique code found on your device.

Please also retain your purchase invoice.

RETURNS

As long as the item is in perfect condition you have **14 days from the date of purchase** to return DogFender for a full refund, the original packaging and proof of purchase will be required. Please visit www.dogfender.com for instructions.

Before returning your DogFender, please read the trouble shooting section on (Page 7) or visit www.dogfender.com for help and advice.

PRECAUTIONS

Overhead electric cables, radio masts, high voltage and built up areas could interfere with the communication between DogFender and the Remote Control Unit.

If DogFender has been damaged in any way, **we strongly advise to have the DogFender unit replaced immediately to eliminate possible malfunction.**

FCC statements:

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.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or changes to this equipment. Such modifications or changes could void the user's authority to operate the equipment.

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

- Reorient 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.

The device has been evaluated to meet general RF exposure requirement, The device can be used in portable exposure condition without restriction. Federal Communication Commission (FCC) Radiation Exposure Statement Power is so low that no RF exposure calculation is needed.

FCC ID: 2A6Y5DF166MD

IC statements:

This device complies with Industry Canada license-exempt RSS standard(s).

Operation is subject to the following two conditions: this device may not cause interference, and this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil est conforme avec Industrie Canada RSS exemptes de licence standard(s).

Son fonctionnement est soumis aux deux conditions suivantes:

(1) cet appareil ne peut pas provoquer d'interférences, et (2) cet appareil doit accepter toute interférence, y compris celles pouvant causer un mauvais fonctionnement de l'appareil.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

This device has been tested for compliance with IC SAR values at a typical operating near the body. To ensure that RF exposure levels below the levels tested, use accessories with this equipment to maintain a minimum separation distance of 15 mm between the body of the user and the device. These accessories should not contain metallic components. It is possible that the accessories used close to the body that do not meet these requirements are not consistent with the SAR limits and it is advisable to avoid using them.

Ce dispositif a été testé pour la conformité avec les valeurs SAR à un fonctionnement typique près du corps. Pour assurer que les niveaux d'exposition aux radiofréquences en deçà des niveaux testés, utiliser des accessoires avec cet équipement pour maintenir une distance de séparation minimale de 15 mm entre le corps de l'utilisateur et l'appareil. Ces accessoires ne doivent pas contenir des composants métalliques. Il est possible que les accessoires utilisés près du corps qui ne répondent pas à ces exigences ne sont pas compatibles avec les limites SAR et il est conseillé d'éviter de les utiliser.

IC: 28581-DF166MD

CE & UKCA:

Declaration of Conformity Hereby, DogFender Ltd declares that the radio equipment type DF166MD is in compliance with directive 2014/53/EU and RER 2017 (SI 2017/1206).

RF exposure information: The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction. Radiation Exposure Statement Power is so low that no RF exposure calculation is needed.