

CUSTOMER INFORMATION
PACK ON THE

FOG **BANDIT**

240 DB

The world leader in security fogging

PRESENTED AND DISTRIBUTED BY **BANDIT** UK LIMITED

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Police Preferred Specification



FOG BANDIT

The FASTEST system for protecting businesses against loss, damage and disruption from burglary

Burglars know that it takes time for the authorities to respond to an alarm activation. In just a few minutes they can steal your valuables, trash your premises and escape without trace. **BANDIT** provides the very best and FASTEST solution to this rapidly growing problem.

'What can't be seen, can't be stolen'

The state-of-the-art **BANDIT** is the fastest security fogging system of its kind in the world. When sensors detect an intruder the **BANDIT's** patented high-pressure system instantly delivers a dense, visually impenetrable fog at the incredible rate of 28 cubic metres per second, projecting it 6 metres in the first 2 seconds alone! An average sized shop, office or showroom of 140 cubic metres would take just 5 seconds to fill!

The faster the system the quicker valuable stock, equipment and other contents can be obscured from sight, thus protecting them from the possibility of theft or damage, until the authorities arrive.



The benefits of installing a Bandit.....

- *The FASTEST way to help protect your assets from theft*
- *Helps deter burglaries from the outset*
- *Protects against the possibility of internal damage to property*
- *Helps keep insurance loss claims to a minimum*
- *Deters intruders from further attempts*
- *Fog is harmless, leaves no residue, so is safe to use in any environment*

The result.....

- *Considerable cost, time and effort can be saved, disruption to business is reduced to a minimum and normal trading can be quickly resumed.*

Specification

- Ejection rate - 28 cubic metres of high-density fog per second
- Projects fog a distance of 6 metres in first 2 seconds alone!
- One unit protects up to 504 cu. mt. of room space
- Capable of multiple firings e.g. a room requiring a 5 second burst can be protected 10 times over from just one fluid cartridge
- May be installed independently or incorporated with an existing alarm system
- Extremely low maintenance
- Dimensions W270mm x H365mm x D255mm
- Complies with European CE and BS 7939 Standards

More and more business owners are equipping themselves with this kind of 'peace of mind' protection system. So while the alarm system calls for help, **BANDIT** actively protects their assets.

For further information contact

BANDIT UK

on 0870 777 0434 or enquiries@bandituk.co.uk

SPEED IS OF THE ESSENCE



This is an intruder's eye view of the first 5 seconds after attempting to enter a Golf Professional's shop measuring 6 metres x 15 metres with a 3 metre ceiling height. The Bandit is located in the rear corner 7.5 metres back from where this picture was taken!

What makes **BANDIT** different from other fogging systems

Compared with the **Bandit**, most other fogging systems generate fog of relatively low density and at a much slower rate. This means that intruders, once detected, could still have time to enter the 'protected' area of any targeted premises even though the fogging system has been activated. Although selected assets in that room become obscured from sight by a stream of fog aimed directly at them (usually from a ceiling installed system), there is still the possibility for the intruder to steal other stock items, cause internal damage to the room or even have the opportunity to overcome/tamper with the fogging system itself.

The Bandit has been specifically designed to protect an entire room, wall to wall, in a matter of seconds. The moment an intruder is detected the Bandit propels a plume of particularly high-density fog at very high speed across the room, deterring the intruder from entering the area from the outset. The advantage is that ALL of the contents in the room are protected and there is NO opportunity for the intruder to tamper with or overcome the Bandit unit itself. Furthermore, and equally as important, by using a pressurised 'cartridge' system the fluid content is not susceptible to contamination or degradation which results in very low maintenance and extremely high reliability. This is essential when the security of a business depends on the system working when most needed.



The attributes that make Bandit so successful are:

- Most technologically advanced security fogging system on the marketplace today
- Extremely fast fog delivery provides TOTAL room protection so that intruders can be prevented from entering the protected area from the outset,
- NO RESIDUE FOG so safe to use in ANY environment
- Very low maintenance and running costs (the clean-filled and hermetically sealed fluid cartridge has a 4 year no-maintenance lifespan)
- Outstanding reliability from solid state electronics and robust, high quality casing and components
- Simple and quick to install either as stand-alone or integrated with an existing alarm system
- No call-outs required after every activation – 1 fluid cartridge provides up to 25 activations
- Bandit is the only fog/smoke system approved by the French Standard CNPP
- Complies with European CE and EMC Standards
- Complies with International Standard: IEC 839-1-3
- Complies with the British Standard: BS 7939 : 1999
- Approved by the Belgian Ministry of Internal Affairs and now
- Approved by ACPO's Secured by Design



Protect yourself against burglaries with total confidence...how?



With FOG BANDIT
The world leader in security fogging

- The Bandit is the fastest and highest density security fogging system on the market
- Delivers 28 cubic metres of fog per second!
- Reduces visibility to just 25cm and lingers for up to an hour
- Projects the fog 6 metres in the first 2 seconds alone
- Up to 25 activations from one cartridge means no engineer call-out or top up costs after each activation
- Leaves NO residue
- One Bandit can protect a room up to 504 cubic metres
- The most technological advanced system on the market
- Manufactured in Belgium



Ask satisfied clients such as...
Shell UK, Threshers, HSBC, Bank Machine, Jessops, Woolworths, G4S, Golf Pro-shop owners, and many more public and private businesses
...why they are choosing or changing to Bandit?

They will tell you it's because of Bandits' reputation for effectively deterring intruders and dramatically reducing disruption, losses and damage from burglaries.

www.bandituk.co.uk

BANDIT
The world leader in security fogging

For a demonstration or for more information visit Bandit's Web Site: www.bandituk.co.uk
Tel. Bandit UK Ltd – 0870-777-3345 Email: sales@bandituk.co.uk

Typical end users of Fog Bandit:

Banks & Building Societies
Bureaus de Change
Cash Offices
Convenience Stores
Spirits and Tobacco vendors
Mobile Phone shops
Camera and Computer retailers
Gaming Halls & Betting Shops
Electronic goods wholesalers & retailers

Fashion Boutiques
Motorcycle and Car Showrooms
Golf Pro Shops
Film/Game Rental Stores
Petrol Stations
Schools & Colleges
Graphic Design Studios
Tool Hire shops
Jewellers
Storage Warehouses
Business Offices
Pharmacies
Banks
Antiques retailers

A selection of some of our major clients in Europe:

G4S
Loomis
Budgens
Bank Machine
HSBC
Hermes
Louis Vuitton retailers
The Thresher Group now t/a First Quench
The Dixons Group
Jessops Camera Stores
JD Wetherspoons
Shell UK
Texaco
Total Fina
Wilkinsons
Morrisons

H & T Pawnbrokers
CEX
East of England Co-op
Agences Belgacom
Prosegur
Supermarchés du Groupe Carrefour
Promodes Supermarchés du Groupe Leclerc
Réseau National des Caisses d'Epargne
Magasins Connexion
Magasins Degriff'plus
Garages Ferrari
Yamaha Motos

NOTE: There are many other banks, retailers and the like who use Bandit but are protective of the types of security measures they use within their estate and are therefore not willing to have their name used as a reference or in any form of promotional literature.

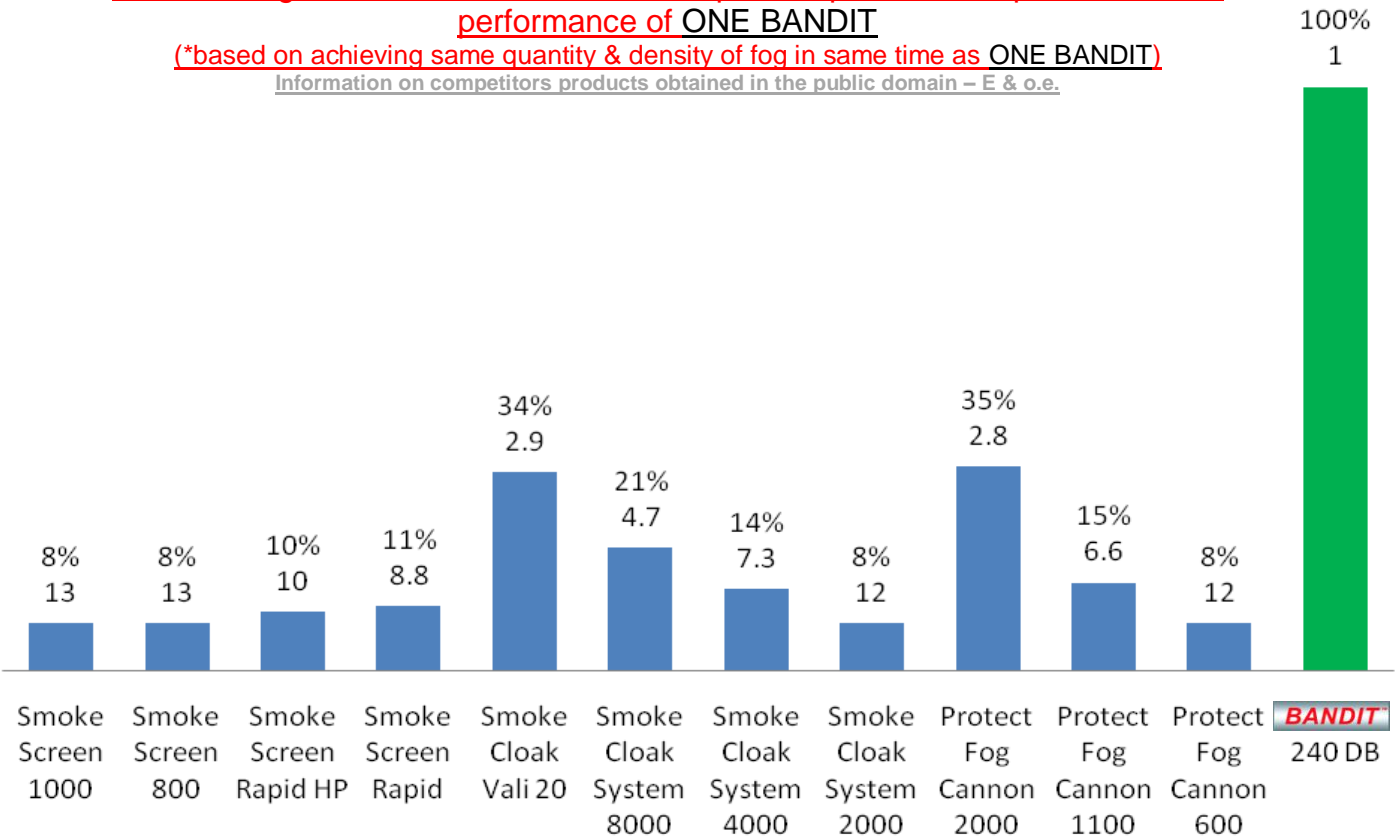


This is how Bandit compares with its competitors on FOG PRODUCTION

The upper figure shows the % output* of fog compared to ONE BANDIT
The lower figure shows the number of competitors products* required to match performance of ONE BANDIT

(*based on achieving same quantity & density of fog in same time as ONE BANDIT)

Information on competitors products obtained in the public domain – E & o.e.



This is how the Bandit compares with its competitors on POWER CONSUMPTION

Total typical annual power costs JUST on STAND-BY

Based on Jan 2009 electricity supply costs of £0.18 per KWh

Information on competitors products obtained in the public domain – E & o.e.





Police Preferred Specification

TECHNICAL INFORMATION ON THE

BANDIT 240DB





- Alarm linked or stand-alone
- Easily programmable by means of dipswitches
- 24/7 error reporting technology
- Option for full event log

BANDIT 240DB MOBILE UNIT

- Completely portable
- Quick & simple to deploy
- Wireless RF sensors
- GSM auto-dialler reporting system



Descriptions:

- Dimensions: _____ 270 mm wide x 365 mm high x 255 mm deep.
- Weight: _____ 28 kg.
- Max. Mains supply failure: _____ Fog generator +2 hours and electronics +24 hours.
- Reaction time: _____ 1 second between alarm signal and fog ejection.
- Fog ejection image: _____ Cone shaped straight ahead  (optional), or
60° large  (R60 standard version)

Fog generator:

- Fog ejection capacity: _____ 28 m³ filling of space / second with 25 cm eye ↔ object.
- Fog ejection pressure: _____ 16 BAR (1.6 Mpa).
- Maximum fog ejection period: _____ 18 seconds.
- Warm-up time: _____ 50 minutes from cold condition.
- Max./min. Environmental temp.: _____ maximum 50°C and minimum 0°C.
- Maximum heat loss: _____ 40 W/hour.
- Heat exchange capacity: _____ 18 kW/hour.
- Nominal ejected droplet size: _____ section 0,0004 mm (full aerosol).

Electrical:

- Min./max mains power supply: _____ 208 to 240 VAC at 50 to 60 Hz.
- Nominal 12 V low voltage: _____ 13.1 V DC from 0 tot max. 1 A of load.
- Max peak current at 230 VAC: _____ 3.5 A.
- Average power consumption: _____ 40 W/hour.
- Capacity heating element: _____ 750 W.
- Inputs: _____ all inputs are insulated by an opto-coupler.
- Outputs: _____ technical- and tamper outputs are potential free contacts, guard- and alarm outputs are npn-outputs.
- Current back-up: _____ 12 V / 2 Ah (sealed lead acid battery).
- Power control: _____ Pulse width modulator (PWM) through zero cross triac.
- Electronics: _____ Flasch micro-controller, Platina Pt1000 sensor converter,
On board communication with HY-3 pack
On board communication: 6-way connector for connection to "Control Box" and 5-way plug for wireless remote control.

Standards:

- Complies with European CE and EMC Standards.
- Complies with International Standard: IEC 839-1-3
- Approved by the Belgian Ministry of Internal Affairs
- Complies with the British Standard: BS 7939 : 1999
- Complies with the Dutch Standard of the NCP: IOE 03301-M and IQA 06901-M
- Complies with the French Standard of the CNPP: testreport AI 040006, approval n° 2004-0001
- Complies with the Danish Standard of the F&P: class 1, AIA 212
F&P registration n° 10.212-00418

Industrial property:

- **BANDIT** is a registered trade mark.
- **HY-3** is a registered trade mark.
- The **BANDIT** fog generator process is internationally protected by several patents.



BANDIT

HY-3 PACK



TECHNICAL SPECIFICATIONS

Dimensions:

- Measures: _____ 145 W x 250 H x 80 D in mm
- Weight: _____ 8 kg.
- Fog capacity in reserve: _____ 55 seconds

HY-3 pack:

- HY-3 fluid contents: _____ 1.4 litre.
- Nominal working pressure: _____ 16 BAR (1.6 Mpa).
- Maximum allowed internal pressure: _____ 60 BAR (6 Mpa).
- Construction material: _____ rvs 304L and aluminium AlMgS1.
- Built-in electronics: _____
 - digital temperature sensor and analogue/digital E²prom memory level.
 - Tamper switch and control LED.
 - integrated propellant-expulsion security
 - direct working 12 V NC valve.

Properties of a HY-3 pack:

The HY-3 pack is a reusable cartridge, which can be refilled. During this refill procedure, which can only be performed at the BANDIT premises in Belgium, the functionality as well as the security aspects are being checked again in order to provide a 100 % reliable and refilled cartridge to the customer. Each time, the HY-3 packs will also be updated with the latest technologie.

BANDIT **BRACKETS**



WALL MOUNT SWIVEL 240S:

art.n°.: 240 06 004



WALL MOUNT FIX 240R:

art.n°.: 240 06 002



FLOOR MOUNT 240F:

art.n°.: 240 06 006

BANDIT ACCESSORIES



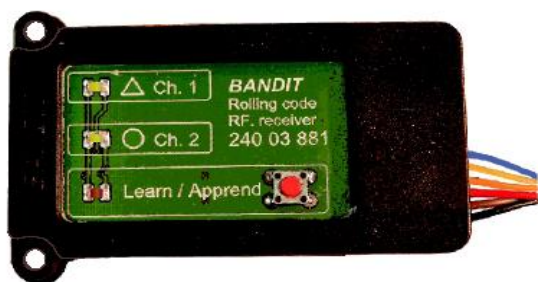
HANDY BOY:
mounting aid

art.n°.: 240 06 020



CONTROL BOX:
servicebox with led indication
liquid level

art.n°.: 240 04 001



RF receiver 240 CPR:
simply integrable wireless receiver
for the remote control

art.n°.: 240 03 881



RF transmitter 240 CPT:
wireless keyfob for the remote control

art.n°.: 240 03 891