

# REDTRONIC

VEHICLE WARNING AND SAFETY SOLUTIONS

## POLICE FLEET

- // MARKED RESPONSE VEHICLES (IRV, ARV, RPU)
- // COVERT & SURVEILLANCE VEHICLES



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MANUFACTURED IN THE  
UNITED KINGDOM



# OUR FACILITIES



// UNIT 9  
LIGHTBAR ASSEMBLY, SMD PLACEMENT,  
RESIN DISPENSING & ENGINEERING

// UNIT 1-4  
LIGHTBAR ASSEMBLY, ACCOUNTS & QA

// UNIT 10  
SALES, MARKETING & SERVICE

// UNIT 7  
R&D, TEST & STORES

## LED BY INNOVATION

We believe that innovation from concept to completion is the key to success, and we have made it our mission to deliver exactly that. Our UK-based facilities are where our products are manufactured, so you can trust that you're getting the best quality possible.

### OUR PRODUCTS



Redtronic has various product brands within our product portfolio. We think differently to others, and develop high quality, distinctive products, so we can offer you a range of LED lighting solutions that can be customised to your specific needs.

### OUR SERVICE



Our facilities are located in West Yorkshire, UK, where our products are manufactured from start to finish. Our capabilities include the full design and production process and include in-house testing to guarantee quality.

### OUR ENGINEERS



We have a team of highly skilled engineers who have years of experience in the industry including dedicated designers, assembly specialists and LED technical experts.

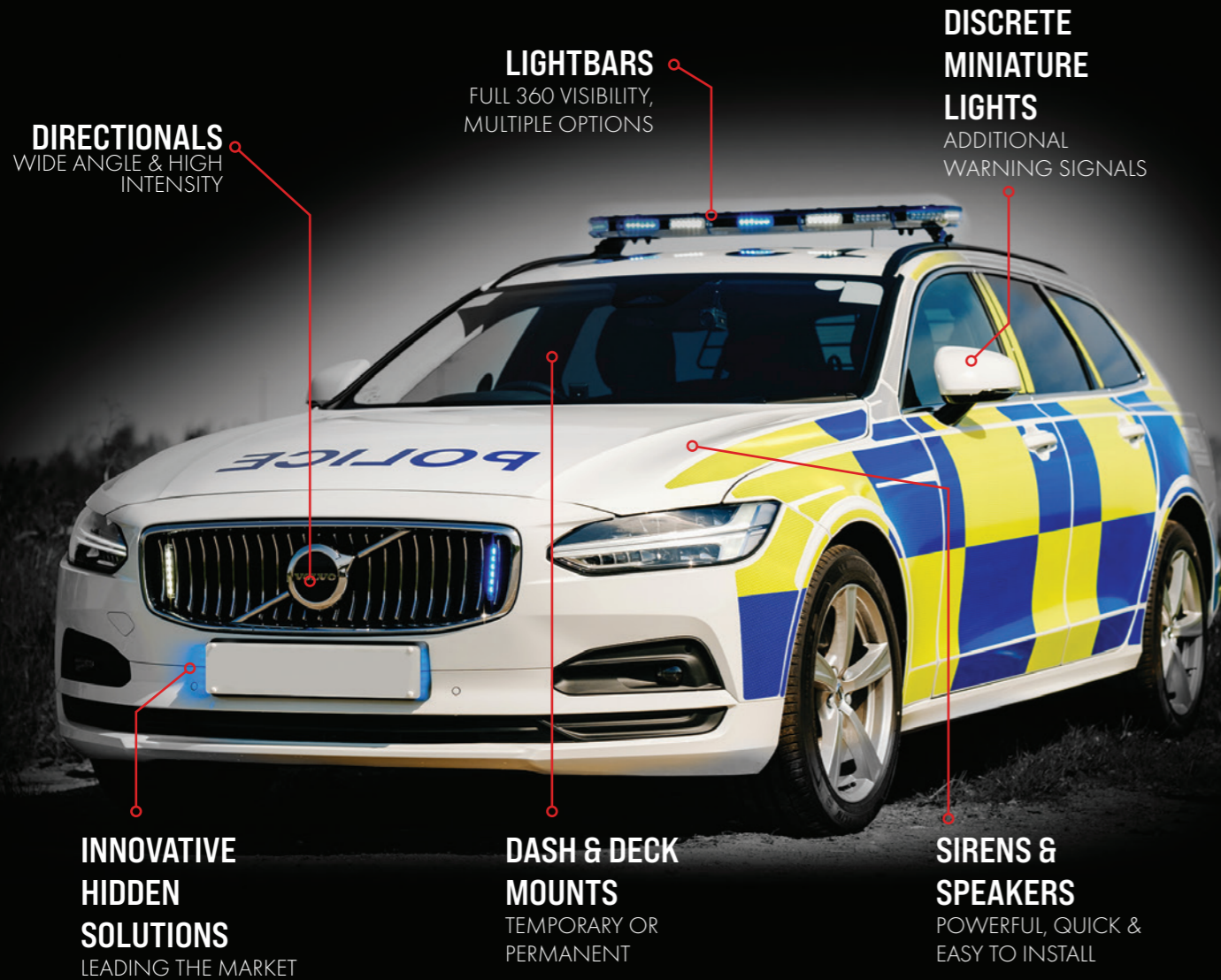
Our facilities are located in the UK where our products are manufactured from start to finish by people who are passionate about quality and our shared vision to help save lives.



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A RANGE FOR ALL APPLICATIONS

# MARKED SOLUTIONS



Innovative, robust solutions for emergency and response vehicles.

Our product ranges are designed with the customer in mind—they're configurable, so they'll meet the needs of response and emergency vehicle drivers.

They are functional and fit for purpose, making sure that any vehicle is highly visible.



# COVERT SOLUTIONS



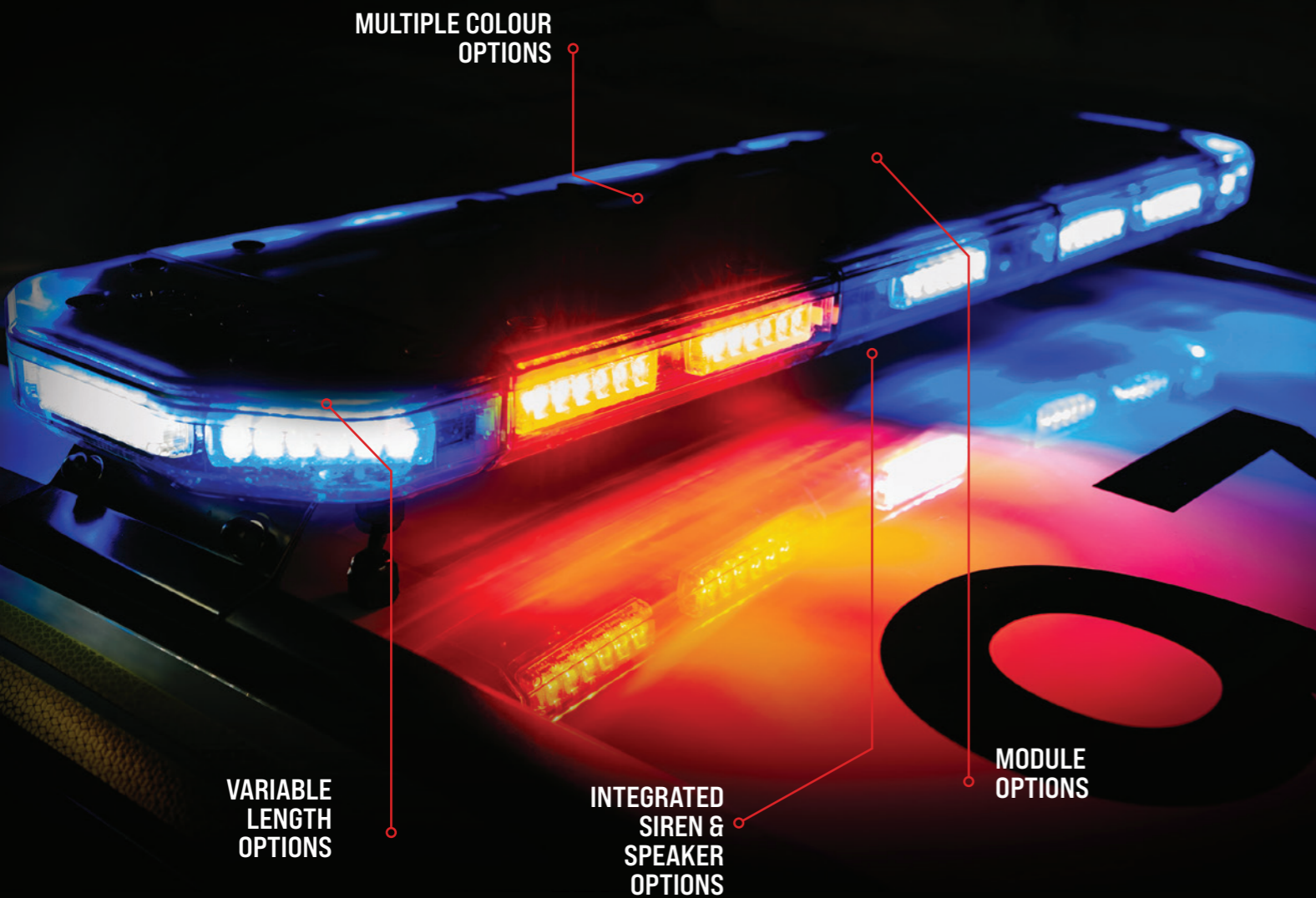
LOOK OUT FOR THIS SYMBOL FOR PRODUCTS THAT ARE IDEAL FOR COVERT APPLICATIONS

The latest technology from Redtronic has revolutionised the way we can approach vehicle safety with our range of covert warning lights.

With configurable tint kits & product specific mounting options. These cutting-edge solutions are designed to provide a discreet solution without compromising visibility, quality or functionality.



# LIGHTBAR SOLUTIONS



Our range of lightbars are powerful warning devices suitable for both the Emergency & Amber Safety markets offering a wide range of customisation for high speed pursuit police vehicles.

Designed for tough environments and backed with rigorous testing, rest assured these powerful lightbars are high performance and built to last. Each lightbar is built specifically to a customer's specification allowing maximum flexibility and bespoke design.

Our range of lightbars are designed, configured & manufactured all within our West Yorkshire based facilities.

## LIGHTBARS // SPARTAN



### CONFIGURED BY YOU // DELIVERED BY US

**SELECT YOUR LENGTH**

**SELECT YOUR MODEL**

**SELECT YOUR LED COLOUR**

**SELECT YOUR LENS COLOUR**

**SELECT YOUR FEATURES**

**SELECT YOUR MOUNTING OPTIONS**

The Spartan Lightbar comes with multiple options of length, mount and wiring connections to make installation across any vehicle type possible. To cover all global requirements the Spartan lightbar can be configured with a comprehensive list of features including Stop Tail Turns, Work/Take-down/Alley Lights, Central illumination with signage, built in traffic director and even built in speaker/siren option.



- 12 lengths available
- All emergency & safety colours available
- High quality toughened & UV stabilised polycarbonate lenses
- Single or Tri Colour
- Various additional options and mountings available
- Various flash patterns (including CAP168/ICAO airport)
- 5 year warranty

<b>MODULE OPTIONS:</b>	LED ALLEY LIGHTS, REAR REDS, WORKLAMPS, FLOOD LAMPS, STOP TAIL TURN, INDICATORS, CENTRE ILLUMINATION, TAKEDOWNS, STEADY BURN SINGLE GATSO (BLUE)
<b>FEATURES:</b>	TRAFFIC DIRECTOR, INTERNAL SPEAKER / SIREN / PA
<b>LENGTH OPTIONS:</b>	55CM TO 203CM
<b>LENS COLOURS:</b>	BLUE, AMBER, CLEAR, OPAL & BLACK
<b>VOLTAGE:</b>	11-32VDC
<b>APPROVALS:</b>	R65 CLASS II (BLUE) CLASS I (AMBER), EMC R10, CAP168/ICAO, IP54 (IP69K RATED INTERNAL LED MODULES)
<b>WARRANTY:</b>	5 YEAR WARRANTY



- Flashing or Steady burn Models
- 12 lengths available
- All emergency & safety colours available
- High quality toughened & UV stabilised polycarbonate lenses
- Single or Dual Colour
- Various additional options and mountings available
- 5 year warranty

<b>MODULE OPTIONS:</b>	LED ALLEY LIGHTS, REAR REDS, WORKLAMPS, FLOOD LAMPS, STOP TAIL TURN, INDICATORS, CENTRE ILLUMINATION, TAKEDOWNS, STEADY BURN SINGLE GATSO (BLUE)
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### 9 MOUNTING OPTIONS

- |   |                                     |  |                                    |                                       |
|---|-------------------------------------|--|------------------------------------|---------------------------------------|
| Mount Option 1:<br>Standard Universal Foot pack | Mount Option 3:<br>Gutter Mounts    | Mount Option 5:<br>Roof Bar Brackets     | Mount Option 7:<br>Roll Bar Clamps | Mount Option 9:<br>Magnetic Mount     |
| Mount Option 2:<br>Roof Rail Brackets           | Mount Option 4:<br>Roof Rail Clamps | Mount Option 6:<br>High Profile Brackets | Mount Option 8:<br>Suction Mount   | Customised Options:<br>Also available |

# DIRECTIONALS



Directional LED solutions are designed to fit all your application needs, from safety/commercial vehicles to emergency services and covert vehicles. Our directional range meets all of the major industry requirements from IP69K for the toughest environments, EMC R10, ECE R65 approvals, with 7 flash patterns including ICAO/CAP168 Airport pattern. The directional range boasts Sync capability with other Redtronic products and is manufactured in the UK.

- SURFACE & RECESS MOUNT OPTIONS
- MULTIPLE FLASH PATTERNS
- SIMULTANEOUS, ALTERNATE & X-FLASH OPTIONS
- SINGLE, DUAL, TRI, QUAD & MULTI-COLOUR OPTIONS
- FLASHING & STEADY BURN
- SYNCHRONISATION ACROSS PRODUCT RANGE
- BRACKETS, SHROUDS & RUBBERISED POD MOUNTING OPTIONS
- UNIFORM CABLE COLOURS & FEATURES

SEE THE FULL DIRECTIONAL RANGE ON OUR WEBSITE  
[WWW.REDTRONIC.CO.UK](http://WWW.REDTRONIC.CO.UK)

## DIRECTIONALS // INFINITY RANGE

We've got a solution for all your directional lighting needs! Our directional LED solutions are designed to meet all of your application needs, from commercial vehicles to emergency services and covert vehicles.



INFINITY BB4



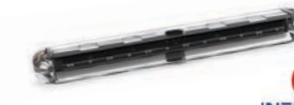
- Recess mount
- Single or Dual Colour
- Simple installation via pop-lock grommet
- Bespoke shrouds available
- Vinyl tint kit available
- ECER65 Class I Blue & Amber
- IP69K Dust & Water resistant
- Various flash patterns (including CAP168/ICAO airport)
- 3 year warranty



Dimensions (mm)	34(Ø) x 22(D)
Voltage	11-32V DC
Amps	630mA at 12VDC
Ideal for	Grilles, Marked, Covert



### Mounting Shroud Options



INFINITY US6



- Ultra slim design
- Surface mount
- Horizontal mounting applications
- Single or Tri Colour
- Bespoke shrouds & pods available
- Vinyl tint kit available
- ECER65 Class II Blue & Amber
- IP69K Dust & Water resistant
- Various flash patterns (including CAP168/ICAO airport)
- 3 year warranty



Dimensions (mm)	118(W) x 13.4(D) x 13.6(W)
Voltage	11-32V DC
Amps	600mA at 12VDC
Ideal for	Grilles, Marked, Covert



### Mounting Shroud Options



INFINITY NV6



- Ultra slim design
- Surface mount
- Vertical mounting applications
- Single or Tri Colour
- Bespoke shrouds & pods available
- Vinyl tint kit available
- ECER65 Class II Blue & Amber
- IP69K Dust & Water resistant
- Various flash patterns (including CAP168/ICAO airport)
- 3 year warranty



Dimensions (mm)	120(W) x 13.4(D) x 13.4(W)
Voltage	11-32V DC
Amps	600mA at 12VDC
Ideal for	Grilles, Marked, Covert



### Mounting Shroud/ Pod



## INDUSTRY FIRST QUAD-COLOUR DIRECTIONAL LED WITH IN-BUILT DOWNLIGHT

INFINITY STX



INFINITY STX

- Designed for the toughest environments
- Single, Dual or Quad Colour
- Optional built-in downlight
- Simple installation
- Automotive acrylic lens
- Black heatsink body
- Rear airflow vents to eliminate condensation issues
- ECER65 Class II Blue & Amber
- IP69K Dust & Water resistant
- Various flash patterns (including CAP168/ICAO airport)
- 5 year warranty

Dimensions (mm)	131(W) x 20(D) x 46(W)
Voltage	11-32V DC
Amps	900mA at 12VDC
Ideal for	Marked, tough environments



### VINYL TINT KITS

Vinyl tint kits are available for some of our covert style directionals to help ensure they are not visible when inactive. The vinyl tint kit is supplied separately to the lamp and is applied prior to installation. Redtronic's Power Primer Surface Treatment wipes are used to guarantee a long lasting fixture to the lens. The vinyl also protects the lens from long term weathering or can be replaced for new if being fitted to multiple vehicles during it's lifetime.

LOOK OUT FOR THIS SYMBOL FOR COMPATIBLE PRODUCTS

# DIRECTIONALS // STAR RANGE

**STAR**  
**THE IDEAL SOLUTION WHEN A DISCRETE  
 COVERT LIGHT IS REQUIRED**



## STAR-M1

- Unique miniature silicone design
- Covert & discrete applications
- Integrated inhibit feature (for wing mirror applications)
- Permanent illumination feature for GATSO light
- Bespoke shrouds available
- ECER65 Class I Blue
- IP69K Dust & Water resistant
- Various flash patterns (including CAP168/ICAO airport)
- 3 year warranty

Dimensions (mm)	23(Ø) x 10.7(D)
Voltage	12-24 VDC (nominal)
Amps	630mA at 12VDC
Ideal for	Wing mirrors, Marked, Covert



Mounting Shroud Options



## STAR-M6

- Ultra-slim covert rubberised directional with tinted lens and vinyl kit
- Dual colour as standard
- Covert & discrete applications
- Flexible and adaptable to windscreen shape and curvature
- Swap cable exit via UBC-C connector
- ECER65 Class I Blue
- Various flash patterns (including CAP168/ICAO airport)
- 3 year warranty

Dimensions (mm)	107 (L) x 18.4 (H) x 58.4(D)
Voltage	11 – 32 VDC
Amps	300 mAmps (at 12v)
Ideal for	Marked, Covert



## STAR-M18

- Ultra-slim covert rubberised directional with tinted lens and vinyl kit
- Dual colour as standard
- Covert & discrete applications
- Flexible and adaptable to windscreen shape and curvature
- Swap cable exit via UBC-C connector
- ECER65 Class I Blue
- Various flash patterns (including CAP168/ICAO airport)
- 3 year warranty

Dimensions (mm)	261.4(L) x 18.3 (H) x 58.5(D)
Voltage	11 – 32 VDC
Amps	300 mAmps (at 12v)
Ideal for	Marked, Covert



In order to protect the undetectable and covert purpose of these products Redtronic does not actively promote installed application images. Police forces should contact us direct for such images.

# DIRECTIONALS // & DASH MOUNTS

We've got a solution for all your directional lighting needs! Our directional LED solutions are designed to meet all of your application needs, from commercial vehicles to emergency services and covert vehicles.



## GECKO 3

- Ultra-strong UV stabilised polycarbonate lens
- Ultra-bright latest generation LED's Colourless when not illuminated
- Designed with a Gore-Tex vent for airflow
- Multiple mounting options
- ECER65 Class I Blue & Amber
- IP69K Dust & Water resistant
- Various flash patterns (including CAP168/ICAO airport)
- 2 year warranty

Dimensions (mm)	73.6(L) x 24(H) x 17.6(D)
Voltage	11-32V DC
Amps	500mA @12VDC
Ideal for	Marked, Covert, grille,



## GECKO 6

- Ultra-strong UV stabilised polycarbonate lens
- Ultra-bright latest generation LED's Colourless when not illuminated
- Designed with a Gore-Tex vent for airflow
- Multiple mounting options
- ECER65 Class II Blue & Amber
- IP69K Dust & Water resistant
- Various flash patterns (including CAP168/ICAO airport)
- 2 year warranty

Dimensions (mm)	122.7(L) x 24(H) x 17.6(D)
Voltage	11-32V DC
Amps	700mA @12VDC
Ideal for	Marked, Covert, grille,



## GECKO DUO DASH MOUNT

- Ultra-strong UV stabilised polycarbonate lens
- Ultra-bright latest generation LED's Colourless when not illuminated
- Designed with a Gore-Tex vent for airflow
- Multiple mounting options
- ECER65 Class II Blue & Amber
- IP69K Dust & Water resistant
- Various flash patterns (including CAP168/ICAO airport)
- 2 year warranty

Dimensions (mm)	238.6(L) x 115(W) x 53.7(D)
Voltage	11-32V DC
Amps	1.4Amps @12VDC
Ideal for	Marked, Covert



## MICRO-LITE 4

- Ultra-Thin Discreet Covert Warning LED
- Single or Split Colour
- Available in split-colour (left/right)
- Bespoke shrouds available
- Vinyl tint kit available
- IP65
- Various flash patterns
- 2 year warranty

Dimensions (mm)	60(L) x 23(H) x 12(D)
Voltage	10-30V DC
Amps	400mA @12VDC
Ideal for	Marked, Covert



MANUFACTURED IN THE  
**UNITED KINGDOM**

We manufacture these products right here in the UK—because we know that's important to our customers—and we pride ourselves on providing high-quality products across all our vehicle warning and safety solutions.



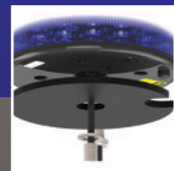
# TORNADO MICROBAR & BEACONS

ROBUST,  
COMPACT &  
RELIABLE

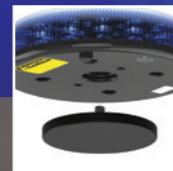
INTERNAL  
ALUMINIUM  
HEAT SINK

HIGH INTENSITY  
LEDS & WIDE  
ANGLE OPTICS

## // MOUNTING OPTIONS



// BOLT



// MAGNETIC



// SUCTION



// POLE

Redtronic's Tornado range is designed to incorporate a sleek and modern design whilst providing the ultimate light output to meet R65 Class II in amber and blue. The Tornado range meet IP69K to protect against water and dust and features include CAP 168/ICAO approval, multiple flash patterns and a variety of mounting options to meet most vehicle applications. With a built in auto dim sensor which will automatically reduce output in dark environments whilst still adhering to ECER65. Featuring ultra-bright latest generation LEDs under an ultra-strong, UV stabilised, fresnel polycarbonate lens offering multiple lens colour options and LED colours.



SEE THE TORNADO RANGE IN ACTION  
[WWW.REDTRONIC.CO.UK](http://WWW.REDTRONIC.CO.UK)

## BEACONS // HIGH INTENSITY BEACONS

The Tornado beacons are tough enough for any job, designed for a fit-and-forget purpose. Featuring ultra-bright latest generation LEDs under an ultra-strong, UV stabilised, fresnel polycarbonate lens offering multiple lens colour options and LED colours.



TORNADO B47

### TORNADO B47

- Ultra low-profile design
- Rotating flash patterns included
- Bolt, magnetic, suction & pole mounting options
- Auto dim sensor
- ECER65 Class II Blue & Amber
- CISPR25 Level 3
- IP69K Dust & Water resistant
- Various flash patterns (including CAP168/ICAO airport)
- Dekra speed tested
- 3 year warranty

Dimensions (mm) 47(H) x 154(D)

Voltage 11-32V DC

Amps 2.8 amps max at 12VDC,  
1.4 amps max at 24VDC

Ideal for Marked



TORNADO B110

### TORNADO B110

- Traditional design
- Rotating flash patterns included
- 1 or 3 Bolt, magnetic & flexi DIN mounting options
- Auto dim sensor
- ECER65 Class I Blue & Amber (model dependant)
- CISPR25 Level 3
- IP69K Dust & Water resistant
- Various flash patterns (including CAP168/ICAO airport)
- 3 year warranty

Dimensions (mm) 110(H) x 142(D)

Voltage 11-32V DC

Amps 2 amps max at 12VDC

Ideal for Marked



TORNADO B150

### TORNADO B150

- Traditional design
- Rotating flash patterns included
- 1 or 3 Bolt, magnetic & flexi DIN mounting options
- Auto dim sensor
- ECER65 Class I & II Blue & Amber (model dependant)
- CISPR25 Level 3
- IP69K Dust & Water resistant
- Various flash patterns (including CAP168/ICAO airport)
- 3 year warranty

Dimensions (mm) 150(H) x 142(D)

Voltage 11-32V DC

Amps 2 amps max at 12VDC

Ideal for Marked



## MICROBAR // ROBUST LOW PROFILE

TORNADO MICROBAR

### TORNADO MICROBAR

- Ultra low-profile design
- 1 or 2 Bolt, magnetic, & suction mounting options
- Auto dim sensor available
- ECER65 Class II Blue & Amber
- IP69K Dust & Water resistant
- Various flash patterns including CAP168/ICAO airport
- Dekra speed tested
- 3 year warranty

Dimensions (mm) 255(L) x 179(W) x 47(D)

Voltage 11-32V DC

Amps 2.4 amps max at 12VDC

Ideal for Marked



Available in a variety of mount options whether you require a permanent or temporary mount making it the perfect solution for a variety of vehicle applications from emergency services and covert vehicles to amber safety and commercial vehicles. Backed with IP69K, EMC R10, ECE R65 approvals and 7 flash patterns including ICAO/CAP168 airport pattern. It features ultra-bright latest generation LEDs under an ultra-strong UV stabilised polycarbonate lens offering multiple lens colour options and LED colours.



# AUXILIARY // STEALTH PLATE

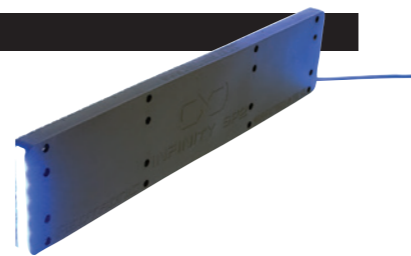
**INFINITY SP2**  
**WORLD'S SLIMMEST, FLEXIBLE HYBRID**  
**STEALTH PLATE**

## STEALTH PLATE

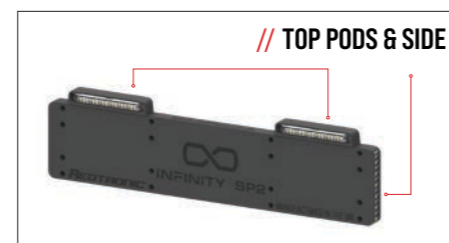
INFINITY SP2

- Unique flexible stealth plate design
- Single or Tri Colour
- Optional forward/rear facing directionals
- Directionals approved in horizontal & vertical positions
- ECER65 Class II Blue & Amber
- IP69K Dust & Water resistant
- Various flash patterns (including CAP168/ICAO airport)
- 3 year warranty

Dimensions (mm)	73.6(L) x 24(H) x 17.6(D)
Voltage	11-32V DC
Amps	500mA @ 12VDC
Ideal for	Marked, Covert, grille,



### // CONFIGURATION OPTIONS



## TESTING FACILITIES // REAL LIFE SCENARIOS

At Redtronic we test all of our products using our in-house test facilities to ensure they meet and exceed industry certification and standards. These chambers and tests simulate real world environments and expose our products to the harshest environments.



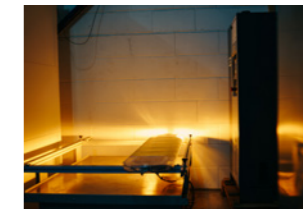
### // WATER CHAMBER

Water tests verify the integrity of enclosures, covers and seals. The water chamber enables Redtronic to test to IP69K.



### // HUMIDITY CHAMBER

The data generated by humidity testing can be important in planning materials selection, assembly of the product and expected lifetime.



### // VIBRATION BENCH

The vibration bench is used to simulate the vibration impact that a vibrating vehicle in service might be subjected to.



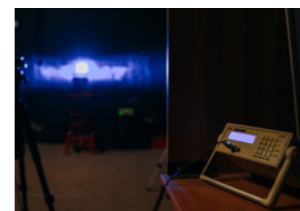
### // ACOUSTICS CHAMBER

Audible devices, primarily sirens, are tested in our acoustics chamber to ensure that they are providing the correct level of decibel output.



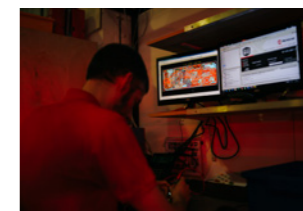
### // DURABILITY TEST

Warning lights are regularly durability tested throughout each of the production processes, on average approximately five separate occasions.



### // PHOTOMETRIC ROOM

The photometrics room is used to guarantee the lumen output of every product is consistent and inline with ECE R65 (and other) standards.



### // ELECTRICAL TRANSIENT

Electrical transient testing comprises of inducing high voltages and currents into the electrical circuit to test the integrity and reliability of components.



### // DUST CHAMBER

The dust chamber also allows us to provide customers accurate IP ratings relating to dust/dirt and particle ingress.

## SERVICE // SUPPORT

Are you looking to learn more about our innovative product range? Look no further! Our team offers hands-on and informative demonstrations, anytime, anywhere.

With extensive knowledge of our product range we are happy to provide demonstrations to you and your customers at your premises.

We also invite you to visit us at our state-of-the-art facilities where you can see first-hand how our products are designed and manufactured. Book a demonstration today!



// GET IN TOUCH TO MAKE AN APPOINTMENT: +44(0)1422 310999 // HELPDESK@REDTRONIC.CO.UK



# AUXILIARY // CONTROLLERS



**INSTALLATION MADE EASY.  
ALL-IN-ONE INTEGRATED CONTROL KEYPAD**

## CONTROLLERS // LINX RANGE

The LINX is an all-in-one integrated control keypad designed to provide simple installation and versatile control capabilities. It serves as a dynamic universal controller capable of switching various types of load applications, including resistive, inductive, and capacitive loads. Its primary purpose is to control Redtronic lighting and audible products, offering a convenient and centralized control solution.



**linx4**  
UNIVERSAL CONTROLLER

### LINX-4

- Discrete & sleek design
- 4 RGB Programmable switches
- Backlighting options
- Integrated intelligence in keypad enclosure
- Latching & momentary switches
- IP52 protection against dust & water ingress
- EMC R10 compliant
- Mounting brackets & various decals included
- 2 year warranty

Dimensions (mm)	76(L) x 54(W) x 22(D)
Voltage	12V or 24V DC
Power cable	1000mm (power & earth)



**linx6**  
UNIVERSAL CONTROLLER

### LINX-6

- Discrete & sleek design
- 6 RGB Programmable switches
- Backlighting options
- Integrated intelligence in keypad enclosure
- Latching & momentary switches
- IP52 protection against dust & water ingress
- EMC R10 compliant
- Mounting brackets & various decals included
- 2 year warranty

Dimensions (mm)	116(L) x 54(W) x 21(D)
Voltage	12V or 24V DC
Power cable	3000mm (power & earth)



## SIRENS // SPEAKERS

Our sirens and speakers are intelligent and user-friendly, offering a durable flexible solutions for your emergency warning needs.



**S20IS**

### S20IS

- Compact all-in-one speaker siren
- Momentary & latching switch functions
- EMC / R10 compliant
- KBA german & UTAC French approved tones
- IP69K protection against dust & water
- 3 positive or negative triggers
- Latching/momentary tones available
- Audible sense / monitor output
- 2 year warranty

Dimensions (mm)	200(L) x 140(W) x 46 (H)
Voltage	11-16V DC and 20-30VDC
Amps	2.4 amps max at 12VDC
Impedance	2 Ohm
dB Output	110dB at 3.5m (Single unit)

Nominal power 20w Neodymium/speaker, 20w digital siren



**S20ISPC**

### S20ISPC

- Compact all-in-one speaker siren
- Momentary & latching switch functions
- EMC / R10 compliant
- KBA german & UTAC French approved tones
- IP69K protection against dust & water
- 3 positive or negative triggers
- Latching/momentary tones available
- 1m extension hose
- Audible sense / monitor output
- 2 year warranty

Dimensions (mm)	102.2x 83.7 (speaker)
Voltage	11-16V DC and 20-30VDC
Amps	2.4 amps max at 12VDC
Impedance	2 Ohm
dB Output	110dB at 3.5m (Single unit)

Nominal power 20w Neodymium/speaker, 20w digital siren



### S20IS-PA

- Compact all-in-one speaker siren PA
- Water resistant microphone
- Synchronise with S20IS (standard model)
- Momentary & latching switch functions
- EMC / R10 compliant
- KBA german & UTAC French approved tones
- IP69K protection against dust & water
- 3 positive or negative triggers
- Latching/momentary tones available
- Audible sense / monitor output
- 2 year warranty

Dimensions	200(L) x 140(W) x 46 (H)
Voltage	11-16V DC and 20-30VDC
Amps	2.4 amps max at 12VDC
Impedance	4 Ohm
dB Output	110dB at 3.5m (Single unit)

Nominal power 20w Neodymium/speaker, 20w digital siren



### EM500 SIREN

- International and European Tones (programmable)
- PA and non-PA models available
- Audible sense feature included as standard
- Low current 'standby' feature
- Positive and negative triggers
- Tone selector accessible externally
- EMC / R10 Compliant
- 2 year warranty

Dimensions (mm)	120(L) x 95.5(W) x 51.5(H)
Voltage	12V DC
Impedance	11 Ohm
Frequency range	360 - 1750Hz
Nominal power	60w or 100w selectable (Day / Night)



### EM60 PC SPEAKER

- Durable aluminium assembly
- Space Saving Pipe Speaker
- Use with 12 or 24 volt siren
- EMC: EMC/R10 Compliant
- IP66
- 2 year warranty

Dimensions (mm)	117.9 x 110.75 (speaker x 1m pipe) x 180 (pipe cowl)
Voltage	11-16V DC and 20-30VDC
Impedance	11 Ohm
Frequency range	180 - 700Hz
Nominal power	100W



### S150SL SLIMLINE

- Can be used with 100W siren
- Durable steel assembly
- Slim-profile Compact Speaker
- Use with 12 or 24 volt siren
- EMC: EMC/R10 Compliant
- IP66
- 2 year warranty

Dimensions (mm)	168(L) x 132(W) x 54(H)
Impedance	11 Ohm
dB Output	113.1dB
Nominal power	150W



# COMBINATION PRODUCTS



// LIGHTING & SIREN COMBINED



// TEMPORARY MOUNT



// MOVABLE BETWEEN VEHICLES

Our combination product range is easily movable between vehicles and doesn't require any permanent fittings. This means that you get the quality lighting you need without compromising on vehicle lease agreements or damaging your car.

## COMBINATION //

If you're searching for a non-permanent lighting & siren for your leased or temporary emergency vehicle, Redtronic has the perfect product solution. Our temporary mounted combination range is an excellent option for those who do not want to drill holes in their vehicles, and need to move the fixture between different vehicles as required.



**TORNADOX**

TORNADOX

- Beacon and Speaker/Siren Combo
- Rotating flash patterns included
- Magnetic and suction mounting options
- 20w Neodymium speaker
- Inbuilt 20w digital siren
- Decibel output: 115db (single unit)
- Cruise and GATSO light features available
- ECER65 Class II Blue & Amber (model dependant)
- French UTAC approved tones
- CISPR25 Level 3
- IP54 protection (IP69K internal LED modules)
- Various flash patterns (including CAP168/ICAO airport)
- Dekra speed tested
- 2 Year warranty

Dimensions (mm)	172(L) x 154(H) x 180(w)
Voltage	11-32VDC
Amps	4.1 Amp @ 12V DC
dB Output	115dB (single unit)
Nominal power	20w neodymium / 20w digital siren



**SPARTAN X**

SPARTAN X

- Low profile
- All emergency & safety colours available
- High quality toughened & UV stabilised polycarbonate lenses
- Single, tri and multi colour options
- Various additional options and mountings available
- ECER65 Class II Amber & Blue (Model dependant)
- Features include: rear reds, steady burn GATSO (blue), front / rear split and internal speaker / siren / PA
- IP54 protection (IP69K internal LED modules)
- Various flash patterns (including CAP168/ICAO airport)
- EMC R10 compliant
- Dekra Speed Rating: 146.6mph (236.2km/h) mag mount
- 2-5 Year warranty

Dimensions (mm)	550(L) x 64(H) x 305(w)
Voltage	12VDC
Amps	8.5 Amps
dB Output	100dB at 1m
Nominal power	100w / 100w digital siren



**DSFX-X**

- Double stack, Low profile
- All emergency & safety colours available
- High quality toughened & UV stabilised polycarbonate lenses
- Single, tri and multi colour options
- Various additional options and mountings available
- ECER65 Class I & II Amber & Blue (Model dependant)
- Features include: rear reds, steady burn GATSO (blue), front / rear split and internal speaker / siren / PA
- IP54 protection (IP69K internal LED modules)
- Various flash patterns (including CAP168/ICAO airport)
- EMC R10 compliant
- Dekra Speed Rating: 146.6mph (236.2km/h) mag mount
- 2-5 Year warranty

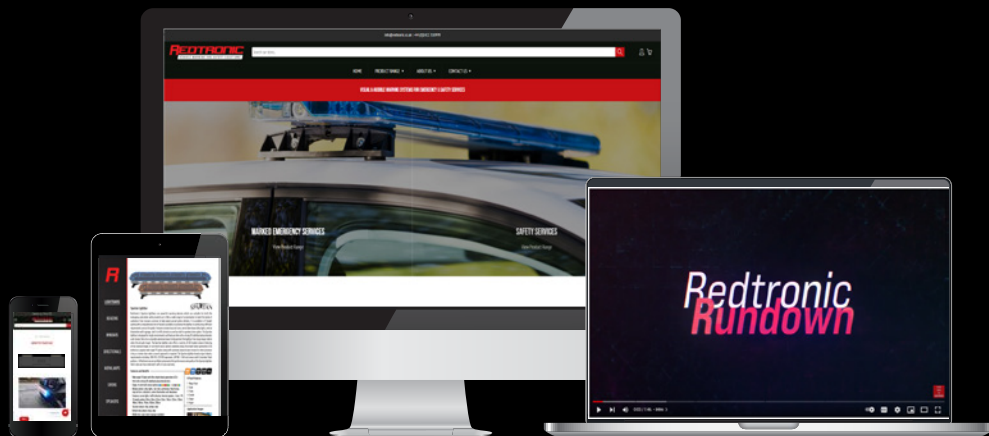
Dimensions (mm)	550(L) x 90(H) x 305(w)
Voltage	12VDC
Amps	9.5 Amps
dB Output	100dB at 1m
Nominal power	100w / 100w digital siren





# REDTRONIC

VEHICLE WARNING AND SAFETY SOLUTIONS



VISIT OUR WEBSITE FOR A COMPLETE LISTING OF OUR PRODUCT LINE UP

// FULL PRODUCT INFORMATION

// BESPOKE PRODUCT CONFIGURATION

// INSTALLATION GUIDES

// ORDER ONLINE

// 360° VIEW OF PRODUCTS

// PRODUCT VIDEOS

// ONLINE LIVE CHAT

// DATASHEETS



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