



Wirefree Kits

Wired Kits

Bells and Buzzers

www.friedland.co.uk

technical hotline +44 (0) 8447 369149

Friedland is synonymous with innovation and excellence. With a prestigious history of design, manufacture and supply of high quality wirefree and wired doorbells and pushes, Friedland has established itself as a world leader.

A 60 year commitment to quality

Our reputation for product excellence, choice, reliability and customer service stems from the continuous review of improved methods, including new product development and design innovation. We constantly seek to provide solutions to our customers' individual requirements. Our total quality management system ensures that high standards are maintained in every aspect of the business, from customer support and service through to manufacture and distribution. This commitment to being 'best in class' has been recognised with the highly valued ISO9001 quality approval.

The perfect choice for every home

The breadth of our range in Door Chimes, Pushes, Transformers, Bells and Buzzers offer innovation and individualism to every home. From the convenience of wirefree chimes to the comprehensive range of traditional wired chimes, there is a Friedland chime to suit every style and taste – from traditional to modern.

Innovation for the customer

With the Evo+, Décor and Libra+ ranges of Chimes, Friedland continues to build on a long history of technical expertise and innovation. These ranges offer easy installation and high quality solutions for a variety of customer needs.

Download the new
App from Friedland.








Libra+ continues to be the consumer's choice for both style and functionality. The range features functions such as alert identification icons, volume control and Friedland's secure 868MHz frequency.

Features and Benefits:

- Wirefree portable, wall mounted and plug in options
- Operating range up to 200m*
- Frequency of 868MHz FM which is a less crowded frequency, thus reducing interference
- Pre-programmed push to chime kits, for ease of installation
- Unique learning code for push to avoid interference with neighbours' chimes
- Analogue (rotary) volume control
- Chime icons visually identify source of chime activation – a number of options are available including front door push and back door push
- CD quality sound
- 2 year guarantee


* Max range between push and chime. Note: Building structures, e.g. metal and thick walls may affect transmission range.

Libra+ Silver Range


LIBRA+ 100M SILVER WIREFREE PORTABLE CHIME		D913
	<ul style="list-style-type: none"> • Stylish silver colour – 100m* range • CD quality chime sound • Includes portable/wall mounted chime and white slimline bell push • Choice of 3 chime sounds • 3 visual chime icons • 3 alert sounds • Easy installation – no wiring required • Unique learning code for push to avoid interference with neighbours' chimes • Bell push fixings included • Battery included with push • Wall mounting fixings included 	
	BATTERIES	DIMENSIONS
	DOOR CHIME 3 x LR6 (AA) Alkaline batteries (not included)	96 x 31 x 124mm
	BELL PUSH 1 x CR2032 Lithium coin cell battery (included)	18 x 30 x 80mm
UNIT BARCODE 5004100219084		
LIBRA+ 200M SILVER WIREFREE PORTABLE CHIME		D914
	<ul style="list-style-type: none"> • Stylish silver colour – 200m* range • CD quality chime sound • Includes portable/wall mounted chime and white slimline bell push • Choice of 6 chime sounds • 6 visual chime icons • 3 alert sounds • Easy installation – no wiring required • Strobe for visual indication for the hard of hearing or loud environments • Unique learning code for push to avoid interference with neighbours' chimes • Bell push fixings included • Battery included with push • Wall mounting fixings included 	
	BATTERIES	DIMENSIONS
	DOOR CHIME 4 x LR14 (C) Alkaline batteries (not included)	114 x 41 x 144mm
	BELL PUSH 1 x CR2032 Lithium coin cell battery (included)	18 x 30 x 80mm
UNIT BARCODE 5004100219022		
LIBRA+ 200M SILVER WIREFREE PORTABLE CHIME		D917
	<ul style="list-style-type: none"> • Stylish silver colour – 200m* range • CD quality chime sound • Choice of 6 chime sounds • 6 visual chime icons • 3 alert sounds • Easy installation – no wiring required • Wall mounting fixings included • Strobe for visual indication for the hard of hearing or loud environments 	
	BATTERIES	DIMENSIONS
	DOOR CHIME 4 x LR14 (C) Alkaline batteries (not included)	114 x 41 x 144mm
	UNIT BARCODE 5004100219145	


* Max range between push and chime. Note: Building structures, e.g. metal and thick walls may affect transmission range.

Libra+ Ancillary Products

LIBRA+ TELEPHONE RINGER		D936
	<ul style="list-style-type: none"> • Gives visual indication of telephone ringing • Easy to install. No wiring required – simply plug into the telephone socket • 150m* operating range • Activates your Libra+ door chime whenever your telephone rings • Ideal for the hard of hearing or noisy environments <p>*adaptor may be required to suit socket</p>	
	BATTERIES	DIMENSIONS
	TELEPHONE RINGER 1 x CR2032 Lithium coincell battery (included)	170 x 120 x 28mm
	UNIT BARCODE 5004100219626	
LIBRA+ 150M WHITE WIREFREE PLUG-IN KIT		D943E
	<ul style="list-style-type: none"> • Stylish white colour – 150M* range – CD quality chime sound • Easy to install – plug and push – no wiring required • Unique learning code for push to avoid interference with neighbours' chimes • Plug into a British 13A indoor socket (220-240v) – Battery free chime <p>*Max range between push and chime. Note: Building structures, e.g. metal and thick walls may affect transmission range.</p>	
	BATTERIES	DIMENSIONS
	DOOR CHIME None required	109.5 x 71 x 74.2mm
	BELL PUSH 1 x CR2032 Lithium coincell battery (included)	18 x 30 x 80mm
UNIT BARCODE 5004100950338		
LIBRA+ MAINS ADAPTER		D935E
	<ul style="list-style-type: none"> • Mains adaptor for use with all 200m Libra+ chimes • No need for chime batteries • 220-240V~ 50Hz • 6V DC • 600mA 	
	DIMENSIONS	
	80 x 55 x 80mm	
UNIT BARCODE 5004100219183		

Libra+ Pushes

LIBRA+ WIREFREE WHITE BELL PUSH		D930
	<ul style="list-style-type: none"> • Slimline design white push • LED Confidence light • Bell push weather resistant to IP55 	
	BATTERIES	DIMENSIONS
	BELL PUSH 1 x CR2032 Lithium coin cell battery (included)	18 x 30 x 80mm
	UNIT BARCODE 5004100219220	

LIBRA+ WIREFREE BLACK/SILVER BELL PUSH		D931
	<ul style="list-style-type: none"> • Slimline design black/silver push • LED Confidence light • Bell push weather resistant to IP55 	
	BATTERIES	DIMENSIONS
	BELL PUSH 1 x CR2032 Lithium coin cell battery (included)	18 x 30 x 80mm
	UNIT BARCODE 5004100219268	





The Evo+ range of contemporary styled door chimes are ideal for use in the home and garden. The range has been simplified into a good, better and best platform to suit the functionality required. All products have a 150m* range, with CD quality chimes and range of colours.


Features and Benefits:


- Wirefree for easy installation
- Pre-programmed push to chime kits, for ease of installation
- Unique learning code for push to avoid interference with neighbours' chimes
- CD quality chime sound up to 6 tune choices
- Volume control available (selected models)
- LED Flashing Light (selected models)
- Available as a plug-in or portable chime
- Supplied with a white slimline push, wirefree brass available as an accessory
- Various kit configurations available
- White, Metal and Black finishes
- Compatible with old Evo and Decor range
- 2 year guarantee

* Max range between push and chime. Note: Building structures, e.g. metal and thick walls may affect transmission range.

EVO+ 150M WIREFREE PORTABLE WHITE DOOR CHIME KIT		D3001
	<ul style="list-style-type: none"> • Easy to install – no wiring required • 150m* range • CD quality sound • 2 chime sounds • Unique learning code for push to avoid interference with neighbours' chimes • Bell push fixings included • Battery included with push 	
	BATTERIES	DIMENSIONS
	DOOR CHIME 3 x LR6 (AA) Alkaline batteries (not included)	116 x 72 x 58mm
	BELL PUSH 1 x CR2032 Lithium coin cell battery (included)	80 x 28 x 15mm
UNIT BARCODE 5004100956446		

EVO+ 150M WIREFREE PLUG-IN WHITE DOOR CHIME KIT		D3002UK
	<ul style="list-style-type: none"> • Easy to install – no wiring required • 150m* range • CD quality sound • 2 chime sounds • Bell push fixings included • Unique learning code for push to avoid interference with neighbours' chimes • Battery included with push • Plugs into a British 13A indoor socket (220-240V), no need to purchase batteries 	
	BATTERIES	DIMENSIONS
	DOOR CHIME None required	112 x 74 x 76mm
	BELL PUSH 1 x CR2032 Lithium coin cell battery (included)	80 x 28 x 15mm
UNIT BARCODE 5004100955678		

EVO+ 150M WIREFREE PORTABLE WHITE DOOR CHIME KIT		D3003
	<ul style="list-style-type: none"> • Easy to install – no wiring required • 150m* range • CD quality sound • 4 chime sounds • 4 step volume control • Unique learning code for push to avoid interference with neighbours' chimes • Bell Push fixings included • Battery included with push 	
	BATTERIES	DIMENSIONS
	DOOR CHIME 3 x LR6 (AA) Alkaline batteries (not included)	116 x 72 x 58mm
	BELL PUSH 1 x CR2032 Lithium coin cell battery (included)	80 x 28 x 15mm
UNIT BARCODE 5004100955708		

EVO+ 150M WIREFREE PLUG-IN WHITE DOOR CHIME KIT		D3006UK
	<ul style="list-style-type: none"> • Easy to install – no wiring required • 150m* range • CD quality sound • 4 chime sounds • 4 step volume control • Unique learning code for push to avoid interference with neighbours' chimes • Battery included with push • Bell push fixings included • Plugs into a British 13A indoor socket (220-240V), no need to purchase batteries 	
	BATTERIES	DIMENSIONS
	DOOR CHIME None required	112 x 74 x 76mm
	BELL PUSH 1 x CR2032 Lithium coin cell battery (included)	80 x 28 x 15mm
UNIT BARCODE 5004100955739		

* Max range between push and chime. Note: Building structures, e.g. metal and thick walls may affect transmission range.

EVO+ 150M WIREFREE PORTABLE BLACK DOOR CHIME KIT
D3004


- Easy to install – no wiring required
- 150m* range • CD quality sound
- 4 chime sounds • 4 step volume control
- Unique learning code for push to avoid interference with neighbours' chimes
- Bell push fixings included • Battery included with push

BATTERIES

DOOR CHIME 3 x LR6 (AA) Alkaline batteries (not included)

BELL PUSH 1 x CR2032 Lithium coin cell battery (included)

UNIT BARCODE 5004100955715

DIMENSIONS

116 x 72 x 58mm

80 x 28 x 15mm

EVO+ 150M WIREFREE PORTABLE METAL DOOR CHIME KIT
D3005


- Easy to install – no wiring required
- 150m* range • CD quality sound
- 4 chime sounds • 4 step volume control
- Unique learning code for push to avoid interference with neighbours' chimes
- Bell push fixings included • Battery included with push

BATTERIES

DOOR CHIME 3 x LR6 (AA) Alkaline batteries (not included)

BELL PUSH 1 x CR2032 Lithium coin cell battery (included)

UNIT BARCODE 5004100955722

DIMENSIONS

116 x 72 x 58mm

80 x 28 x 15mm

EVO+ 150M WIREFREE PORTABLE GLOSSY WHITE DOOR CHIME KIT
D3007


- Easy to install – no wiring required
- 150m* range • CD quality sound
- LED flashing light • 6 chime sounds
- 4 step volume control
- Unique learning code for push to avoid interference with neighbours' chimes
- Bell push fixings included • Battery included with push

BATTERIES

DOOR CHIME 3 x LR6 (AA) Alkaline batteries (not included)

BELL PUSH 1 x CR2032 Lithium coin cell battery (included)

UNIT BARCODE 5004100955760

DIMENSIONS

116 x 72 x 58mm

80 x 28 x 15mm

EVO+ 150M WIREFREE PLUG-IN GLOSSY WHITE DOOR CHIME KIT
D3010UK


- Easy to install – no wiring required
- 150m* range • CD quality sound
- LED flashing light • 6 chime sounds
- 4 step volume control • Bell push fixings included
- Unique learning code for push to avoid interference with neighbours' chimes
- Battery included with push • Plugs into a British 13A indoor socket (220-240V), no need to purchase batteries

BATTERIES

DOOR CHIME None required

BELL PUSH 1 x CR2032 Lithium coin cell battery (included)


UNIT BARCODE 5004100955791


DIMENSIONS


112 x 74 x 76mm


80 x 28 x 15mm

* Max range between push and chime. Note: Building structures, e.g. metal and thick walls may affect transmission range.

EVO+ 150M WIREFREE PORTABLE GLOSSY BLACK DOOR CHIME KIT		D3008
	<ul style="list-style-type: none"> • Easy to install – no wiring required • 150m* range • CD quality sound • LED flashing light • 6 chime sounds • 4 step volume control • Unique learning code for push to avoid interference with neighbours' chimes • Bell push fixings included • Battery included with push 	
	BATTERIES	DIMENSIONS
	DOOR CHIME 3 x LR6 (AA) Alkaline batteries (not included)	116 x 72 x 58mm
	BELL PUSH 1 x CR2032 Lithium coin cell battery (included)	80 x 28 x 15mm
UNIT BARCODE 5004100955777		

EVO+ 150M WIREFREE PORTABLE GLOSSY METAL DOOR CHIME KIT		D3009
	<ul style="list-style-type: none"> • Easy to install – no wiring required • 150m* range • CD quality sound • LED flashing light • 6 chime sounds • 4 step volume control • Unique learning code for push to avoid interference with neighbours' chimes • Bell push fixings included • Battery included with push 	
	BATTERIES	DIMENSIONS
	DOOR CHIME 3 x LR6 (AA) Alkaline batteries (not included)	116 x 72 x 58mm
	BELL PUSH 1 x CR2032 Lithium coin cell battery (included)	80 x 28 x 15mm
UNIT BARCODE 5004100955784		

EVO+ 150M HOME AND GARDEN KIT		D3100UK
	<ul style="list-style-type: none"> • Easy to install – no wiring required • 150m* range • CD quality sound • 4 chime sounds • 4 step volume control • Unique learning code for push to avoid interference with neighbours' chimes • Bell push fixings included • Battery included with push 	
	BATTERIES	DIMENSIONS
	PLUG-IN CHIME None required	112 x 74 x 76mm
	PORTABLE CHIME 3 x LR6 (AA) Alkaline batteries (not included)	116 x 72 x 58mm
BELL PUSH 1 x CR2032 Lithium coin cell battery (included)	80 x 28 x 15mm	
UNIT BARCODE 5004100956736		

EVO+ 150M FRONT AND BACK DOOR KIT		D3110
	<ul style="list-style-type: none"> • Easy to install – no wiring required • 2 portrait pushes for front and back door • 150m* range • CD quality sound • 4 chime sounds • 4 step volume control • Unique learning code for push to avoid interference with neighbours' chimes • Bell push fixings included • Battery included with pushes 	
	BATTERIES	DIMENSIONS
	DOOR CHIME 3 x LR6 (AA) Alkaline batteries (not included)	116 x 72 x 58mm
	BELL PUSH 1 x CR2032 Lithium coin cell battery (included)	80 x 28 x 15mm
UNIT BARCODE 5004100955821		

* Max range between push and chime. Note: Building structures, e.g. metal and thick walls may affect transmission range.

EVO+ 150M CHIME AND PIR KIT

D3120



- Easy to install – no wiring required
- 1 x movement detector (PIR)
- 150m* range
- CD quality sound
- 6 chime sounds
- 4 step volume control
- Unique learning code for push to avoid interference with neighbours' chimes
- Bell push fixings included
- Battery included with push

BATTERIES**DIMENSIONS**

PIR 1 x 9V PP3 Alkaline battery (not included)

110 x 95 x 73mm

DOOR CHIME 3 x LR6 (AA) Alkaline batteries (not included)

116 x 72 x 58mm

BELL PUSH 1 x CR2032 Lithium coin cell battery (included)

80 x 28 x 15mm

UNIT BARCODE 5004100955838

EVO+ WIREFREE PIR

D3200N



- 140° detection angle
- 12m detection range, mounted at 2.5m
- Wirefree and easy to install
- Day & night setting
- Inhibit time setting
- Walk test facility
- PIR weather resistance IP54
- PIR fixings included

BATTERIES**DIMENSIONS**

PIR 1 x 9V PP3 Alkaline battery (not included)

100 x 95 x 73mm

UNIT BARCODE 5004100957054

* Max range between push and chime. Note: Building structures, e.g. metal and thick walls may affect transmission range.

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The Friedland Décor range of products will complement any modern interior. The contemporary wall-mounted designs are wirefree for easy installation and a no fuss, slimline look.

Features and Benefits:

- Wirefree for easy installation
- Self-learning push to chime communication, avoids interference with neighbours' chimes
- Contemporary wall-mounted design
- CD quality chime sound with up to 25 tune choices
- Operating range of 200m*
- Variable volume control
- Compatible with Evo+
- 3 year guarantee

* Max range between push and chime. Note: Building structures, e.g. metal and thick walls may affect transmission range.

D COR 'SYMPHONY' 200M* WIREFREE DOOR CHIME KIT
D500


- Elegant, modern design in beech effect with chrome effect trim and CD quality chime sound – 200m* range
- Variable volume control and choice of 7 chime tunes – traditional and contemporary sounds
- Back door and front door sound options
- Wall mounted chime and slimline white bell push
- Self-learning push to chime (to avoid interference with neighbours' chimes)
- Wall fixings included
- Batteries included with push

BATTERIES

DOOR CHIME 4 x LR14 (C) Alkaline batteries (not included)

BELL PUSH 1 x CR2032 Lithium coin cell battery (included)

DIMENSIONS

160 x 219 x 53mm

82 x 27.5 x 16mm

UNIT BARCODE 5004100224583

D COR 'FANTASIA' 200M* WIREFREE DOOR CHIME KIT
D503


- Modern design and 25 CD quality chime sound choices – 200m* range
- Variable volume control and choice of 25 chime tunes – traditional and contemporary sounds
- Back door and front door sound options
- Wall mounted chime and slimline white bell push
- Self-learning push to chime (to avoid interference with neighbours' chimes)
- Wall fixings included
- Batteries included with push

BATTERIES

DOOR CHIME 3 x LR14 (C) Alkaline batteries (not included)

BELL PUSH 1 x CR2032 Lithium coin cell battery (included)


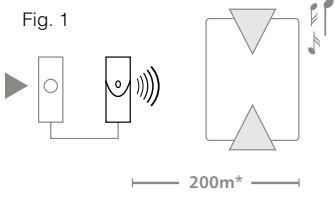
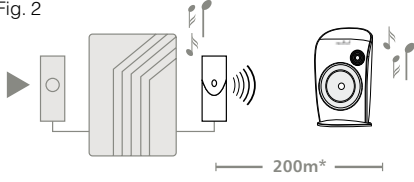
DIMENSIONS


192 x 152 x 37mm


82 x 27.5 x 16mm

UNIT BARCODE 5004100224613

* Max range between push and chime. Note: Building structures, e.g. metal and thick walls may affect transmission range.

EVO+ WIREFREE CONVERTER/EXTENDER		D3202N				
	<ul style="list-style-type: none"> Enables the user to adapt a wired bell push for any Evo+ or Décor door chime <p>OR</p> <ul style="list-style-type: none"> Use with an existing wired chime giving the option of an additional wirefree chime 					
	<p>Fig. 1</p>  <p>Fig. 2</p>  <ul style="list-style-type: none"> Works with unlit bell pushes and lit bell pushes in transformer powered installations Battery included * Subject to individual product specification. Note: Building structures e.g. metal, thick walls will affect transmission range. 					
<table border="1"> <thead> <tr> <th>BATTERIES</th> <th>DIMENSIONS</th> </tr> </thead> <tbody> <tr> <td>EXTENDER/CONVERTER 1 x CR2032 Lithium coin cell battery (included)</td> <td>95 x 36.5 x 21.5mm</td> </tr> </tbody> </table>		BATTERIES	DIMENSIONS	EXTENDER/CONVERTER 1 x CR2032 Lithium coin cell battery (included)	95 x 36.5 x 21.5mm	
BATTERIES	DIMENSIONS					
EXTENDER/CONVERTER 1 x CR2032 Lithium coin cell battery (included)	95 x 36.5 x 21.5mm					
<p>UNIT BARCODE 5004100957061</p>						

EVO+ WIREFREE SLIMLINE WHITE PUSH		D3203N			
	<ul style="list-style-type: none"> Slimline design white push LED confidence light Bell push weather resistant to IP54 Bell push fixings included Battery included with push 				
	<table border="1"> <thead> <tr> <th>BATTERIES</th> <th>DIMENSIONS</th> </tr> </thead> <tbody> <tr> <td>BELL PUSH 1 x CR2032 Lithium coin cell battery (included)</td> <td>80 x 28 x 15mm</td> </tr> </tbody> </table>	BATTERIES	DIMENSIONS	BELL PUSH 1 x CR2032 Lithium coin cell battery (included)	80 x 28 x 15mm
BATTERIES	DIMENSIONS				
BELL PUSH 1 x CR2032 Lithium coin cell battery (included)	80 x 28 x 15mm				
<p>UNIT BARCODE 5004100957078</p>					

EVO+ WIREFREE SOLID BRASS PUSH		D3204N			
	<ul style="list-style-type: none"> Contemporary design, solid brass push LED confidence light Bell push weather resistant to IP54 Battery included with push Bell push fixings included 				
	<table border="1"> <thead> <tr> <th>BATTERIES</th> <th>DIMENSIONS</th> </tr> </thead> <tbody> <tr> <td>BELL PUSH 1 x CR2032 Lithium coin cell battery (included)</td> <td>90 x 28 x 20mm</td> </tr> </tbody> </table>	BATTERIES	DIMENSIONS	BELL PUSH 1 x CR2032 Lithium coin cell battery (included)	90 x 28 x 20mm
BATTERIES	DIMENSIONS				
BELL PUSH 1 x CR2032 Lithium coin cell battery (included)	90 x 28 x 20mm				
<p>UNIT BARCODE 5004100957085</p>					


* EVO+/DÉCOR WIREFREE PUSHES WILL NOT WORK WITH LIBRA+ CHIMES





Friedland's Mini Wired Chimes are compact in size and the modern design complements any décor. Power can be provided either by batteries or from an external transformer, to suit personal preference and ease of installation.

Features and Benefits:

- Compact size
- Modern design to complement any décor
- Power can be provided either by batteries or from an external transformer
- 2 year guarantee

OAKLAND ELECTRONIC MINI WIRED CHIME		D846
	<ul style="list-style-type: none"> • Modern design and compact size • Electronic 3 note /2 note tunes • Battery or transformer operated (8v/1A) • Volume control • Sound output 75dB 	
	BATTERIES	DIMENSIONS
	DOOR CHIME 3 x LR6 (AA) Alkaline batteries (not included)	130 x 89 x 41mm
	UNIT BARCODE 5004100217530	

ATLANTA MECHANICAL MINI WIRED CHIME		D142
	<ul style="list-style-type: none"> • Modern design and compact size • 2 note tune, mechanical • Battery or transformer operated (8v/1A) • Sound output 75dB 	
	BATTERIES	DIMENSIONS
	DOOR CHIME 4 x LR6 (AA) Alkaline batteries (not included)	120 x 110 x 46mm
	UNIT BARCODE 5004100217455	

DENVER MECHANICAL MINI WIRED CHIME		D143
	<ul style="list-style-type: none"> • Modern design and compact size • 2 note tune, mechanical • Battery or transformer operated (8v/1A) • 75dB sound output 	
	BATTERIES	DIMENSIONS
	DOOR CHIME 4 x LR6 (AA) Alkaline batteries (not included)	120 x 110 x 50mm
	UNIT BARCODE 5004100217479	


- Chimes with built-in transformers:


220-240V AC supply

- Designed to comply with European Directives





and Safety Standards EN 60335-1


FESTIVAL WITH BUILT-IN TRANSFORMER		D3126
	<ul style="list-style-type: none"> 2 notes 6 products in outer pack 	
	DETAILS	DIMENSIONS
	80dB @ 1m	171 x 105 x 50mm
	UNIT BARCODE 5004100214911	


BIG BEN WITH BUILT-IN TRANSFORMER		D3230
	<ul style="list-style-type: none"> 2 notes 6 products in outer pack 	
	DETAILS	DIMENSIONS
	80dB @ 1m	171 x 105 x 49mm
	UNIT BARCODE 5004100214171	


- Extensive choice of sounds and designs
- Power can be provided either by batteries or from an external transformer


FACET		D107
	<ul style="list-style-type: none"> • 2 notes • 6 products in outer pack 	
	DETAILS	DIMENSIONS
	4 x R14/C batteries	171 x 105 x 49mm
	D753 or D780 transformer	
	80dB @ 1m	
UNIT BARCODE 5004100211279		


SURF		D113
	<ul style="list-style-type: none"> • 2 notes • 6 products in outer pack 	
	DETAILS	DIMENSIONS
	4 x R14/C batteries	171 x 105 x 49mm
	D753 or D780 transformer	
	80dB @ 1m	
UNIT BARCODE 5004100214836		

DING DONG		D117
	<ul style="list-style-type: none"> • 2 notes • 6 products in outer pack 	
	DETAILS	DIMENSIONS
	4 x R14/C batteries	171 x 105 x 48mm
	D753 or D780 transformer	
	80dB @ 1m	
UNIT BARCODE 50004100213273		


BIG BEN		D230
	<ul style="list-style-type: none"> • 2+1 notes (back door option) • 6 products in outer pack 	
	DETAILS	DIMENSIONS
	4 x R14/C batteries	171 x 105 x 49mm
	D753 or D780 transformer	
	80dB @ 1m	
UNIT BARCODE 5004100214126		


HOCKEY		D128
	<ul style="list-style-type: none"> • 2 notes • 6 products in outer pack 	
	DETAILS	DIMENSIONS
	4 x R14/C batteries	171 x 105 x 50mm
	D753 or D780 transformer	
	80dB @ 1m	
UNIT BARCODE 5004100214935		

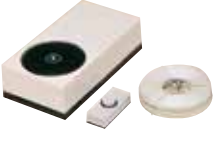
BANDERA		D239
	<ul style="list-style-type: none"> • 2+1 notes (back door option) • 6 products in outer pack 	
	DETAILS	DIMENSIONS
	4 x R14/C batteries	194 x 120 x 49mm
	D753 or D780 transformer	
	80dB @ 1m	
UNIT BARCODE 5004100215130		

WARBLER		D454
	<ul style="list-style-type: none"> • Warbling + 2 notes (back door option) • 6 products in outer pack 	
	DETAILS	DIMENSIONS
	4 x R14/C batteries	200 x 200 x 57mm
	D753 or D780 transformer	
	87dB @ 1m	
UNIT BARCODE 5004100213334		


- Kit consists of a chime or bell, a push and a 5 metre coil of bell wire
- Simply add batteries or a transformer
- All suitable for domestic and commercial applications
- Designed for the DIY Installer


SURF KIT		D422
	<ul style="list-style-type: none"> • 2 notes • 6 products in outer pack 	
	DETAILS	DIMENSIONS
	80dB @ 1m	DOOR CHIME 171 x 105 x 49mm
	D753 or D780 transformer	BELL PUSH 55 x 24 x 18mm
UNIT BARCODE 5004100215178		


FACET KIT		D424
	<ul style="list-style-type: none"> • 2 notes • 6 products in outer pack 	
	DETAILS	DIMENSIONS
	80dB @ 1m	DOOR CHIME 171 x 105 x 49mm
	D753 or D780 transformer	BELL PUSH 55 x 24 x 18mm
UNIT BARCODE 5004100510280		

BELL KIT		D973
	<ul style="list-style-type: none"> • 6 products in outer pack 	
	DETAILS	DIMENSIONS
	80dB @ 1m	DOOR CHIME 159 x 83 x 43mm
	2 x R20/D batteries	BELL PUSH 55 x 24 x 18mm
UNIT BARCODE 5004100520289		


UNDERDOME 8V AC BELL		D792
	<ul style="list-style-type: none"> • 24 products in outer pack 	
	DETAILS	DIMENSIONS
	85dB @ 1m	73 diameter x 36mm
	D743 or D770 transformer	
UNIT BARCODE 5004100310125		


MINIBUZZER 8V AC		D182
	<ul style="list-style-type: none"> • 24 products in outer pack 	
	DETAILS	DIMENSIONS
	80dB @ 1m	51 diameter x 36mm
	D743 or D770 transformer	
UNIT BARCODE 5004100350121		


BELL WIRE		D561
	<ul style="list-style-type: none"> • 8 metre coil of wire for 1-24V only • 24 products in outer pack 	
	UNIT BARCODE 5004100530127	


BELL-IN-ONE 3V DC		D902
	<ul style="list-style-type: none"> • 6 products in outer pack 	
	DETAILS	DIMENSIONS
	80dB @ 1m	159 x 83 x 43mm
	2 x R20/D batteries	
UNIT BARCODE 5004100310279		


- Wide choice to meet all customer needs including finely crafted brass pushes
- Lit pushes require the use of a transformer
- All other pushes are suitable for use in transformer and battery circuits up to a maximum rating of 24V 2A AC or DC


DUCAT	D622
	<ul style="list-style-type: none"> • Brass • 6 products in outer pack
	DIMENSIONS
	60 x 26 x 22mm
UNIT BARCODE 5004100401557	


SESAME	D814
	<ul style="list-style-type: none"> • 6 products in outer pack
	DIMENSIONS
	55 x 24 x 18mm
UNIT BARCODE 5004100411082	


ELITE	D620
	<ul style="list-style-type: none"> • Brass • 6 products in outer pack
	DIMENSIONS
	60 x 26 x 10mm, 16mm hole req
UNIT BARCODE 5004100401502	


DIMEX	D824
	<ul style="list-style-type: none"> • 6 products in outer pack
	DIMENSIONS
	55 x 24 x 18mm
UNIT BARCODE 5004100411181	


LEGION	D669
	<ul style="list-style-type: none"> • Brass • 6 products in outer pack
	DIMENSIONS
	72 x 33 x 12mm, 16mm hole req
UNIT BARCODE 5004100411983	


GEM	D611
	<ul style="list-style-type: none"> • 6 products in outer pack
	DIMENSIONS
	60 x 27 x 22mm
UNIT BARCODE 5004100410986	


BUTTON – NON ILLUMINATED	D6421 WHITE	D642 CLEAR
	<ul style="list-style-type: none"> • 6 products in outer pack 	
	DIMENSIONS	
	19 diameter x 20mm, 16mm hole req	
UNIT BARCODE 5004100411389 – D6421 5004100410580 – D642		


LUNA	D630
	<ul style="list-style-type: none"> • Chrome • 6 products in outer pack
	DIMENSIONS
	60 x 26 x 22mm
UNIT BARCODE 5004100415417	


DOOR CONTACTS	D1053
	<ul style="list-style-type: none"> • 24 products in outer pack
	DIMENSIONS
	90 x 40 x 25mm
UNIT BARCODE 5004100413666	


HALO	D624E
	<ul style="list-style-type: none"> • Brass • 6 products in outer pack
	DIMENSIONS
	61 x 27 x 27mm
	UNIT BARCODE 5004100415738

LIGHTSPOT	D534
	<ul style="list-style-type: none"> • 6 products in outer pack
	DIMENSIONS
	60 x 26 x 24mm
	UNIT BARCODE 5004100410184

BENTON	D667
	<ul style="list-style-type: none"> • Brass • 6 products in outer pack
	DIMENSIONS
	76 x 32 x 13mm, 16mm hole req
	UNIT BARCODE 5004100411952

LIGHTSPOT WHITE	D534WE
	<ul style="list-style-type: none"> • 6 products in outer pack
	DIMENSIONS
	60 x 26 x 24mm
	UNIT BARCODE 5004100415721

MEDALLION	D664
	<ul style="list-style-type: none"> • Brass • 6 products in outer pack
	DIMENSIONS
	70 diameter x 13mm, 16mm hole req
	UNIT BARCODE 5004100411907

PUSHLITE WHITE	D723W
	<ul style="list-style-type: none"> • 6 products in outer pack
	DIMENSIONS
	60 x 40 x 19mm
	UNIT BARCODE 5004100411471

REPLACEMENT LAMP	D70
	<ul style="list-style-type: none"> • 16V (8V Transformers)
	UNIT BARCODE 5004100910165

LIBRA+	COLOUR	NUMBER OF TUNES AVAILABLE	TUNE NAMES	BATTERIES	SOUND LEVEL dB@1m
D913 100m Silver Wirefree Portable Chime Kit	Silver	3	Ding-Dong, St. Clements, Westminster	Chime: 3 x LR6 (AA) Push: 1 x CR2032 Lithium inc.	80
D914 200m Silver Wirefree Portable Chime Kit	Silver	6	Ding-Dong, St. Clements, Westminster, Tube Chime, Warm Brass, Fantasy	Chime: 4 x LR14 (C) Push: 1 x CR2032 Lithium inc.	90
D917 200m Silver Wirefree Portable Chime	Silver	6	Ding-Dong, St. Clements, Westminster, Tube Chime, Warm Brass, Fantasy	Chime: 4 x LR14 (C)	90

ADDITIONAL INFORMATION: Operating frequency for all Libra+ is 868MHz. Operating temperature range for all chimes is 0°C to + 30°C. Operating temperature range for all pushes is -10°C to + 40°C. All Libra+ chimes are packed in containers of 4 units. All Libra+ pushes come in standard packs of 6 units. Design of Friedland products may be subject to change without prior notice.

EVO+	COLOUR	NUMBER OF TUNES AVAILABLE	TUNE NAMES	BATTERIES	SOUND LEVEL dB@1m
D3001 Evo+ 150m Wirefree Portable White Door Chime Kit	White	2	Ding Dong, Basclarinet	Chime: 3 x LR6(AA)Push: 1 x CR2032 Lithium inc	72
D3002UK Evo+ 150m Wirefree Plug-in White Door Chime Kit	White	2	Ding Dong, Basclarinet	Push: 1 x CR2032 Lithium inc	72
D3003 Evo+ 150m Wirefree White Door Chime Kit	White	4	Ding Dong, Flute 3, Minibell 2 note, Flugelhorn	Chime: 3 x LR6(AA)Push: 1 x CR2032 Lithium inc	82
D3006UK Evo+ 150m Wirefree Plug-in White Door Chime Kit	White	4	Ding Dong, Flute 3, Minibell 2 note, Flugelhorn	Push: 1 x CR2032 Lithium inc	82
D3004 Evo+ 150m Wirefree Portable Black Door Chime Kit	Black	4	Ding Dong, Flute 3, Minibell 2 note, Flugelhorn	Chime: 3 x LR6(AA)Push: 1 x CR2032 Lithium inc	82
D3005 Evo+ Wirefree Portable Metal Door Chime Kit	Metal	4	Ding Dong, Flute 3, Minibell 2 note, Flugelhorn	Chime: 3 x LR6(AA)Push: 1 x CR2032 Lithium inc	82
D3007 Evo+ Wirefree Portable Glossy White Door Chime Kit	Glossy White	6	Ding Dong, Flute 3, Minibell 4 note, Big Ben 2 note, Altosax, Bird 1	Chime: 3 x LR6(AA)Push: 1 x CR2032 Lithium inc	82
D3010UK Evo+ Wirefree Plug-in Glossy White Door Chime Kit	Glossy White	6	Ding Dong, Flute 3, Minibell 4 note, Big Ben 2 note, Altosax, Bird 1	Push: 1 x CR2032 Lithium inc	82
D3008 Evo+ Wirefree Portable Glossy Black Door Chime Kit	Glossy Black	6	Ding Dong, Flute 3, Minibell 4 note, Big Ben 2 note, Altosax, Bird 1	Chime: 3 x LR6(AA)Push: 1 x CR2032 Lithium inc	82
D3009 Evo+ Wirefree Glossy Metal Portable Door Chime Kit	Glossy Metal	6	Ding Dong, Flute 3, Minibell 4 note, Big Ben 2 note, Altosax, Bird 1	Chime: 3 x LR6(AA)Push: 1 x CR2032 Lithium inc	82
D3100UK Evo+ Home and Garden Kit	White	4	Ding Dong, Flute 3, Minibell 2 note, Flugelhorn	Portable Chime: 3 x LR6(AA) Push: 1 x CR2032 Lithium inc	82
D3110 Evo+ Front and Back Door Kit	White	4	Ding Dong, Flute 3, Minibell 2 note, Flugelhorn	Chime: 3 x LR6(AA)Push: 1 x CR2032 Lithium inc	82
D3120 Evo+ Chime and PIR Kit	White	6	Ding Dong, Flute 3, Minibell 4 note, Big Ben 2 note, Altosax, Bird1	Chime: 3 x LR6(AA)Push: 1 x CR2032 Lithium inc PIR: 1 x 9V PP3 Alkaline	82
D3200N Evo+ Wirefree PIR	White			PIR: 1 x 9V PP3 Alkaline	

DÉCOR	COLOUR	NUMBER OF TUNES AVAILABLE	TUNE NAMES	BATTERIES	SOUND LEVEL dB@1m
D500 Symphony	Beech/ Chrome	3	Big Ben 8 note, Big Ben 4 note, Big Ben 2 note, Big Ben 1 note Mini Bell 2 note, Mini Bell 4 note echo, Altosax	Chime: 4 x LR14 (C) Push: 1 x CR2032 Lithium inc.	78/80
D503 Fantasia	White	6	Joy To The World, We Wish You a Merry, Christmas, Auld Lang Syne – New Year, Happy Birthday, Hail! Hail! The Gang's All Here, Greensleeves, Mozart's Sonata in C, Beethoven 5th, Minuet in C, Blue Danube, Star Spangled Banner – USA, God Save the Queen – UK, La Marseillaise – France, Deutschlandlied – Germany, O Canada, Twinkle Twinkle Little Star, Three Blind Mice, Pop Goes the Weasel, Row Row Row Your Boat, Cradle Song, Ding, Ding Dong, Westminster 4 note, Westminster Echo	Chime: 3 x LR14 (C) Push: 1 x CR2032 Lithium inc.	78/80

ADDITIONAL INFORMATION: Operating radio frequency for all Décor products is 433MHz. Operating temperature range for all Chimes is 0°C to +30°C. Operating temperature range for all Pushes is -10°C to +50°C. All Décor products come in standard packs of 2 units.

*** Sound levels are measured in free field conditions. Design of Friedland products may be subject to change without prior notice.

EVO+ AND DÉCOR EXTENDER/ ONVERTER	COLOUR	BATTERIES
D3202N Evo+ Wirefree Converter/ extender	White	EXTENDER/CONVERTER 1 x CR2032 Lithium coin cell battery (included)

EVO+ AND DÉCOR WIREFREE PUSHES	COLOUR	BATTERIES
D3203N Evo+ Wirefree Slimline White Push	White	Push: 1 x CR2032 Lithium inc
D3204N Evo+ Wirefree Solid Brass Push	Brass	Push: 1 x CR2032 Lithium inc

ADDITIONAL INFORMATION: Operating radio frequency for all Evo+ and Décor products is 433MHz. Operating temperature range for all Chimes is 0°C to +30°C. Operating temperature range for all Pushes is -10°C to +50°C. All Décor products come in standard packs of 4 units.

MINI WIRED CHIMES	COLOUR	NUMBER OF TUNES	TUNE NAMES	BATTERIES	TRANSFORMERS	SOUND LEVEL dB@1m***	MAX POWER VA/W
D846 Oakland	White	2	3 Note Gong	Chime: 3 x 1.5v LR6 (AA)	D753 or D780	75	2W
D142 Atlanta	White	1	Ding-Dong	Chime: 4 x 1.5v LR6 (AA)	D753 or D780	75	8VA
D143 Denver	White	1	Ding-Dong	Chime: 4 x 1.5v LR6 (AA)	D753 or D780	75	8VA

CHIMES, BELLS, BUZZERS AND KITS	VOLTAGE	SIGNAL 1	SIGNAL 2	BATTERIES	FRIEDLAND TRANSFORMER	MAX POWER VA/W	SOUND LEVEL dB@1m MAX.	SOUND FREQUENCY NOTE 1 HZ	SOUND FREQUENCY NOTE 2 HZ
D107 Facet	6V DC/8V AC	2-Note		4 x R14/C	D753 or D780	6 W	80	740	587
D113 Surf	6V DC/8V AC	2-Note		4 x R14/C	D753 or D780	6 W	80	740	587
D117 Ding Don	6V DC/8V AC	2-Note		4 x R14/C	D753 or D780	6 W	80	740	587
D230 Big Ben	6V DC/8V AC	2-Note	1-Note	4 x R14/C	D753 or D780	6 W	80	740	587
D239 Bandera	6V DC/8V AC	2-Note	1-Note	4 x R14/C	D753 or D780	6 W	80	740	587
D454 Warbler	6V DC/8V AC	Warbling	1-Note	4 x R14/C	D753 or D780	6 W	87	740	587
D182 Minibuzzer	8V AC	Buzzer		n/a	D743 or D770		80		
D422 Surf Kit	6V DC/8V AC	2-Note		4 x R14/C	D753 or D780	6 W	80	740	587
D424 Facet Kit	6V DC/8V AC	2-Note		4 x R14/C	D753 or D780	6 W	80	740	587
D792 Underdome	8V AC	Bell		n/a	D743 or D770		85		
D902 Bell-in-One	3V DC	Bell		2 x R20/D	n/a		80		
D973 Bell Kit	3V DC	Bell		2 x R20/D	n/a		80		
D128 Hockey Chime	6V DC/8V AC	2-Note		4 x R14/C	D753 or D780	6 W	80	740	587

MAINS VOLTAGE CHIMES WITH BUILT-IN TRANSFORMERS	VOLTAGE	SIGNAL 1	MAX POWER VA/W	SOUND LEVEL dB@1m MAX.	SOUND FREQUENCY NOTE 1 HZ	SOUND FREQUENCY NOTE 2 HZ
D3126 Festival (incl. Transformer)	220-240V AC 50Hz	2-Note	15W	80	740	587
D3230 Big Ben (incl. Transformer)	220-240V AC 50Hz	2-Note	15W	80	740	587

PUSHES		LIGHTED	SPARE LAMP	FINISH	SPARE BUTTON
D534 Lightspot		Yes	D70 (See Note)		D6431
D534WE Lightspot		Yes	D70 (See Note)		D6431
D611 Gem					
D620 Elite	16mm hole req.			Brass	
D622 Ducat				Brass	
D624E Halo		Yes		Brass	D6432
D639 Mesa	16mm hole req.	Yes			
D642 Button	16mm hole req.				
D6421 Button	16mm hole req.				
D664 Medallion	16mm hole req.	Yes		Brass	D6432
D667 Benton	16mm hole req.	Yes		Brass	
D669 Legion	16mm hole req.			Brass	
D723W Pushlite		Yes	D70 (See Note)		
D814 Sesame					
D824 Dimex					
D1053 Door Contact					

TRANSFORMERS	SWITCH	MOUNTING TYPE	PRIMARY	SECONDARY
D743 Transformer	No	Surface	220-240V 50Hz	8V 0.5A
D753 Transformer	No	Surface	220-240V 50Hz	8V 1A
D770 Transformer	No	DIN/Surface	220-240V 50Hz	8V 0.5A
D780 Transformer	No	DIN/Surface	220-240V 50Hz	8V 1A
D780S Transformer	Yes	DIN/Surface	220-240V 50Hz	8V 1A
D765 Transformer	No	DIN/Surface	220-240V 50Hz	12V 1A
E3549 Transformer	No	DIN/Surface	220-240V 50Hz	8V 1.5A
E3554N Transformer	No	DIN/Surface	220-240V 50Hz	8V 2A
E3554SN Transformer	Yes	DIN/Surface	220-240V 50Hz	8V 2A
E3538N Transformer	No	DIN/Surface	220-240V 50Hz	12V 1.5A
E3538SN Transformer	No	DIN/Surface	220-240V 50Hz	12V 1.5A
E3539N Transformer	No	DIN/Surface	220-240V 50Hz	12V 2A

WIRING CONNECTIONS	BATTERY OPERATION		TRANSFORMER OPERATION		
	PUSH 1	PUSH 2	TRANSFORMER	PUSH 1	PUSH 2
D142, D143	For use with external battery only		1 + 3	0 + 1	
D107, D113, D117, D128	1 + 2		1 + 3	0 + 1	
D230, D239	0 + 2	0 + 1	0 + 3	0 + 2	0 + 1
D426	0 + 1	0 + 2	0 + 3	0 + 1	0 + 2
454	0 + A	0 + B	0 + 3	0 + A	0 + B
D833E	0 + 1		2 + 3	0 + 1	
D902	0 + 1				
D792, D182			*	*	

Note: Spare lamps fit older versions only The lamp is inside the button on new models. For clarification, check product.

*Terminals are unmarked, Push should be wired in series with Bell and Transformer. Two incoming wires are then connected to either terminal.

Useful Information – Wirefree Chimes and Pushes

- Please note that the positioning of Wirefree Bell Push or Door Chime on or near metal structures, reinforced PVC doors or door frames may reduce the transmission range
- To ensure weatherproofing is maintained, always mount Bell Pushes the correct way up, as shown in the product instructions or on the packaging. Then replace the front cover securely
- Please note that the Evo+ and Décor ranges are compatible with each other, while Libra+ will not communicate with these products
- Evo+ PIR will not work with SPECTRA wirefree receiver

Useful Information – Wired Chimes and Pushes

- Wired-in Chimes should be mounted vertically on a wall, ideally at 2 metres high, for best sound coverage
- When battery-operated, wired-in Chimes and Bells can be mounted up to a maximum of 15 metres from the push, using standard Friedland bell wire
- When transformer operated, wired-in Chimes and Bells can be mounted up to 60 metres from the Push, using standard Friedland bell wire
- D902/D973 Bell In One can be mounted up to a maximum of 9 metres from the push
- The use of wire not intended for Door Chimes/Bells (e.g. telephone wire) may affect Chime/Bell performance
- Do not mount wired-in Chimes on the back of a door, as the chime bars or batteries may dislodge if the door is slammed
- All terminal screws should be tightened down, including those which are not being used
- All wired-in Chimes can operate from either batteries or a suitable transformer
- Additional Chimes can be wired to the original Chime, to provide better sound coverage – an additional or alternative transformer may also be required
- Lit pushes must be used in conjunction with 8V output transformer only
- Mini Wired chimes cannot be wired in parallel

ADDITIONAL INFORMATION:

Operating frequency for all Libra+ is 868MHz. Operating temperature range for all chimes is 0°C to + 30°C. Operating temperature range for all pushes is -10°C to + 40°C. All Libra+ chimes are packed in containers of 4 units. All Libra+ pushes are packed in containers of 6 units.

Design of Friedland products may be subject to change without prior notice.

Product Code	Range	Page Number
D70	Replacement Lamp	22
D107	Fixed Wall Mounted Chimes	19
D113	Fixed Wall Mounted Chimes	19
D117	Fixed Wall Mounted Chimes	19
D128	Fixed Wall Mounted Chimes	19
D142	Mini Wired Chimes	17
D143	Mini Wired Chimes	17
D182	Kits, Bells and Buzzers	20
D230	Fixed Wall Mounted Chimes	19
D239	Fixed Wall Mounted Chimes	19
D422	Kits, Bells and Buzzers	20
D424	Kits, Bells and Buzzers	20
D454	Fixed Wall Mounted Chimes	19
D500	Décor	14
D503	Décor	14
D534	Illuminated Pushes	22
D534WE	Illuminated Pushes	22
D561	Kits, Bells and Buzzers	20
D611	Pushes	21
D620	Pushes	21
D622	Pushes	21
D630	Pushes	21
D642	Pushes	21
D624E	Illuminated Pushes	22
D664	Illuminated Pushes	22
D667	Illuminated Pushes	22
D669	Pushes	21
D723W	Illuminated Pushes	22
D743	Transformers	23
D753	Transformers	23
D765	Transformers	23
D770	Transformers	23
D780	Transformers	23
D780S	Transformers	23
D792	Kits, Bells and Buzzers	20
D814	Pushes	21
D824	Pushes	21
D846	Mini Wired Chimes	17
D902	Kits, Bells and Buzzers	20
D913	Libra+	5
D914	Libra+	5
D917	Libra+	5
D930	Libra+	7
D931	Libra+	7
D935E	Libra+	6
D936	Libra+	6
D943E	Libra+	6
D973	Kits, Bells and Buzzers	20

Product Code	Range	Page Number
D1053	Pushes	21
D3001	Evo+	9
D3002UK	Evo+	9
D3003	Evo+	9
D3004	Evo+	10
D3005	Evo+	10
D3006UK	Evo+	9
D3007	Evo+	10
D3008	Evo+	11
D3009	Evo+	11
D3010UK	Evo+	10
D3100UK	Evo+ Home and Garden Kit	11
D3110	Evo+ Front and Back Door Kit	11
D3120	Evo+ Chime and PIR Kit	12
D3126	Mains Voltage Chimes	18
D3200N	Evo+ Wirefree PIR	12
D3202N	Evo+/Décor Extender/Converter	15
D3203N	Evo+/Décor Wirefree Pushes	15
D3204N	Evo+/Décor Wirefree Pushes	15
D3230	Mains Voltage Chimes	18
D6421	Pushes	21
E3538N	Transformers	23
E3538SN	Transformers	23
E3539N	Transformers	23
E3549	Transformers	23
E3554N	Transformers	23
E3554SN	Transformers	23

Friedland acknowledges the environment as a business issue. In pursuit of business successes, the company recognises the need to conduct its activities in an environmentally responsible manner.

The company is concerned with the need to find solutions to potentially adverse environmental impacts of our business activities and is committed to the prevention of pollution and a programme of continuous improvement.

The company believes that the impact its activities may have on the environment are not confined to our manufacturing processes or indeed within the confines of our site facilities. Rather they can be spread over the life cycle of a product or service, and may contribute to adverse environmental effects in a number of indirect ways. From production of raw material through to end of life disposal of a product, we aim to minimise harm to the environment in every aspect over which we have an influence.

For more information, full technical specification and downloadable installation manuals please visit www.friedland.co.uk

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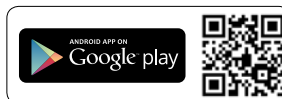
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Reference: UKFR006-0113-EN
January 2013
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