

# Friedland Chimes Catalogue



Wirefree Chimes and Pushes

Wired Chimes and Pushes

Kits, Bells and Buzzers





# Today's Established Leader

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.

# Libra+ Wirefree Chimes



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+ Wirefree Chimes

## Libra+ Silver Range

LIBRA+ 100m SILVER WIREFREE PORTABLE CHIME		D913
	<ul style="list-style-type: none"> <li>• Stylish silver colour – 100m* range</li> <li>• CD quality chime sound</li> <li>• Includes portable/wall mounted chime and white slimline bell push</li> <li>• Choice of 3 chime sounds • 3 visual chime icons • 3 alert sounds • Easy installation – no wiring required</li> <li>• Unique learning code for push to avoid interference with neighbours' chimes</li> <li>• Bell push fixings included • Battery included with push • Wall mounting fixings included</li> </ul>	
	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"> <li>• Stylish silver colour – 200m* range</li> <li>• CD quality chime sound</li> <li>• Includes portable/wall mounted chime and white slimline bell push • Choice of 6 chime sounds • 6 visual chime icons</li> <li>• 3 alert sounds • Easy installation – no wiring required • Strobe for visual indication for the hard of hearing or loud environments</li> <li>• Unique learning code for push to avoid interference with neighbours' chimes</li> <li>• Bell push fixings included • Battery included with push • Wall mounting fixings included</li> </ul>	
	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"> <li>• Stylish silver colour – 200m* range</li> <li>• CD quality chime sound • Choice of 6 chime sounds • 6 visual chime icons</li> <li>• 3 alert sounds • Easy installation – no wiring required</li> <li>• Wall mounting fixings included</li> <li>• Strobe for visual indication for the hard of hearing or loud environments</li> </ul>	
	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+ Wirefree Chimes

## Libra+ Additions


LIBRA+ TELEPHONE RINGER		D936
	<ul style="list-style-type: none"> <li>• Gives visual indication of telephone ringing</li> <li>• Easy to install. No wiring required – simply plug into the telephone socket</li> <li>• 150m* operating range</li> <li>• Activates your Libra+ door chime whenever your telephone rings</li> <li>• Ideal for the hard of hearing or noisy environments</li> </ul> <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"> <li>• Stylish white colour – 150M* range – CD quality chime sound</li> <li>• Easy to install – plug and push – no wiring required</li> <li>• Unique learning code for push to avoid interference with neighbours' chimes</li> <li>• Plug into a British 13A indoor socket (220-240v) – Battery free chime</li> </ul> <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

LIBRA+ MAINS ADAPTER		D935E
	<ul style="list-style-type: none"> <li>• Mains adaptor for use with all 200m Libra+ chimes</li> <li>• No need for chime batteries</li> <li>• 220-240V~ 50Hz</li> <li>• 6V DC • 600mA</li> </ul>	
	DIMENSIONS	
	80 x 55 x 80mm	
	UNIT BARCODE 5004100219183	

# Libra+ Wirefree Pushes

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

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

# Evo+ Wirefree Chimes



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+ Wirefree Chimes

EVO+ 150M WIREFREE PORTABLE WHITE DOOR CHIME KIT		D3001
	<ul style="list-style-type: none"> <li>• Easy to install – no wiring required</li> <li>• 150m* range</li> <li>• CD quality sound</li> <li>• 2 chime sounds</li> <li>• Unique learning code for push to avoid interference with neighbours' chimes</li> <li>• Bell push fixings included • Battery included with push</li> </ul>	
	BATTERIES	DIMENSIONS
	DOOR CHIME 3 x LR6 (AA) Alkaline batteries (not included)	116 x 72 x 58mm
	BELL PUSH 1 x CR2032 Lithium coincell 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"> <li>• Easy to install – no wiring required</li> <li>• 150m* range</li> <li>• CD quality sound • 2 chime sounds</li> <li>• Unique learning code for push to avoid interference with neighbours' chimes</li> <li>• Battery included with push • Plugs into a British 13A indoor socket (220-240V), no need to purchase batteries</li> </ul>	
	BATTERY	DIMENSIONS
	DOOR CHIME None required	112 x 74 x 76mm
	BELL PUSH 1 x CR2032 Lithium coincell 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"> <li>• Easy to install – no wiring required</li> <li>• 150m* range • CD quality sound</li> <li>• 4 chime sounds • 4 step volume control</li> <li>• Unique learning code for push to avoid interference with neighbours' chimes</li> <li>• Bell Push fixings included • Battery included with push</li> </ul>	
	BATTERIES	DIMENSIONS
	DOOR CHIME 3 x LR6 (AA) Alkaline batteries (not included)	116 x 72 x 58mm
	BELL PUSH 1 x CR2032 Lithium coincell 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"> <li>• Easy to install – no wiring required</li> <li>• 150m* range • CD quality sound</li> <li>• 4 chime sounds • 4 step volume control</li> <li>• Unique learning code for push to avoid interference with neighbours' chimes</li> <li>• Battery included with push</li> <li>• Plugs into a British 13A indoor socket (220-240V), no need to purchase batteries</li> </ul>	
	BATTERY	DIMENSIONS
	DOOR CHIME None required	112 x 74 x 76mm
	BELL PUSH 1 x CR2032 Lithium coincell 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+ Wirefree Chimes

EVO+ 150M WIREFREE PORTABLE BLACK DOOR CHIME KIT		D3004
	<ul style="list-style-type: none"> <li>• Easy to install – no wiring required</li> <li>• 150m* range • CD quality sound</li> <li>• 4 chime sounds • 4 step volume control</li> <li>• Unique learning code for push to avoid interference with neighbours' chimes</li> <li>• Bell push fixings included • Battery included with push</li> </ul>	
	BATTERY	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 5004100955715	


EVO+ WIREFREE PORTABLE METAL DOOR CHIME KIT		D3005
	<ul style="list-style-type: none"> <li>• Easy to install – no wiring required</li> <li>• 150m* range • CD quality sound</li> <li>• 4 chime sounds • 4 step volume control</li> <li>• Unique learning code for push to avoid interference with neighbours' chimes</li> <li>• Bell push fixings included • Battery included with push</li> </ul>	
	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 5004100955722	


EVO+ WIREFREE PORTABLE WHITE DOOR CHIME KIT		D3007
	<ul style="list-style-type: none"> <li>• Easy to install – no wiring required</li> <li>• 150m* range • CD quality sound</li> <li>• LED flashing lights • 6 chime sounds</li> <li>• 4 step volume control</li> <li>• Unique learning code for push to avoid interference with neighbours' chimes</li> <li>• Bell push fixings included • Battery included with push</li> </ul>	
	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 5004100955760	


EVO+ WIREFREE PLUG-IN WHITE DOOR CHIME KIT		D3010UK
	<ul style="list-style-type: none"> <li>• Easy to install – no wiring required</li> <li>• 150m* range • CD quality sound</li> <li>• LED flashing lights • 6 chime sounds</li> <li>• 4 step volume control</li> <li>• Unique learning code for push to avoid interference with neighbours' chimes</li> <li>• Battery included with push • Plugs into a British 13A indoor socket (220-240V), no need to purchase batteries</li> </ul>	
	BATTERY	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 5004100955791	


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

# Evo+ Wirefree Chimes

EVO+ WIREFREE PORTABLE BLACK DOOR CHIME KIT		D3008
	<ul style="list-style-type: none"> <li>• Easy to install – no wiring required</li> <li>• 150m* range • CD quality sound</li> <li>• LED flashing lights</li> <li>• 6 chime sounds • 4 step volume control</li> <li>• Unique learning code for push to avoid interference with neighbours' chimes</li> <li>• Bell push fixings included • Battery included with push</li> </ul>	
	BATTERY	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+ WIREFREE PORTABLE METAL DOOR CHIME KIT		D3009
	<ul style="list-style-type: none"> <li>• Easy to install – no wiring required</li> <li>• 150m* range • CD quality sound</li> <li>• LED flashing lights</li> <li>• 6 chime sounds • 4 step volume control</li> <li>• Unique learning code for push to avoid interference with neighbours' chimes</li> <li>• Bell push fixings included • Battery included with push</li> </ul>	
	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+ HOME AND GARDEN KIT		D3100UK
	<ul style="list-style-type: none"> <li>• Easy to install – no wiring required</li> <li>• 150m* range • CD quality sound</li> <li>• 4 chime sounds • 4 step volume control</li> <li>• Unique learning code for push to avoid interference with neighbours' chimes</li> <li>• Bell push fixings included • Battery included with push</li> </ul>	
	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+ FRONT AND BACK DOOR KIT		D3110
	<ul style="list-style-type: none"> <li>• Easy to install – no wiring required</li> <li>• 2 portrait pushes for front and back door • 150m* range</li> <li>• CD quality sound</li> <li>• 4 chime sounds • 4 step volume control</li> <li>• Unique learning code for push to avoid interference with neighbours' chimes</li> <li>• Bell push fixings included • Battery included with pushes</li> </ul>	
	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+ Wirefree Chimes

EVO+ CHIME AND PIR KIT		D3120
	<ul style="list-style-type: none"> <li>• Easy to install – no wiring required</li> <li>• 1 x movement detector (PIR)</li> <li>• 150m* range • CD quality sound</li> <li>• 6 chime sounds • 4 step volume control</li> <li>• Unique learning code for push to avoid interference with neighbours' chimes</li> <li>• Bell push fixings included • Battery included with push</li> </ul>	
	BATTERY	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		D3200
	<ul style="list-style-type: none"> <li>• 140° detection angle • 12m detection range, mounted at 2.5m</li> <li>• Wirefree and easy to install • Day &amp; night setting</li> <li>• Inhibit time setting</li> <li>• Walk test facility</li> <li>• PIR weather resistance IP54</li> <li>• PIR fixings included</li> </ul>	
	BATTERY	DIMENSIONS
	PIR 1 x 9V PP3 Alkaline battery (not included)	100 x 95 x 73mm
	UNIT BARCODE 5004100955876	

# Décor Wirefree Chimes




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.


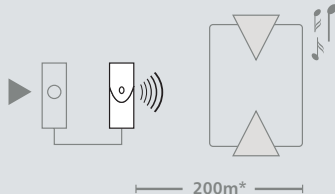
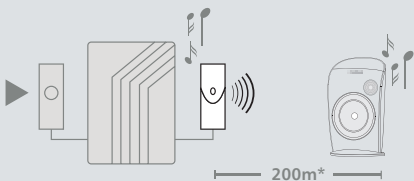
# Décor Wirefree Chimes


DÉCOR 'SYMPHONY' 200m* WIREFREE DOOR CHIME KIT		D500
	<ul style="list-style-type: none"> <li>Elegant, modern design in beech effect with chrome effect trim and CD quality chime sound – 200m* range</li> <li>Variable volume control and choice of 7 chime tunes – traditional and contemporary sounds</li> <li>Back door and front door sound options • Wall mounted chime and slimline white bell push</li> <li>Self-learning push to chime (to avoid interference with neighbours' chimes)</li> <li>Wall fixings included • Batteries included with push</li> </ul>	
	BATTERIES	DIMENSIONS
	DOOR CHIME 4 x LR14 (C) Alkaline batteries (not included)	160 x 219 x 53mm
	BELL PUSH 1 x CR2032 Lithium coin cell battery (included)	82 x 27.5 x 16mm
	UNIT BARCODE 5004100224583	


DÉCOR 'FANTASIA' 200m* WIREFREE DOOR CHIME KIT		D503
	<ul style="list-style-type: none"> <li>Modern design and 25 CD quality chime sound choices – 200m* range</li> <li>Variable volume control and choice of 25 chime tunes – traditional and contemporary sounds</li> <li>Back door and front door sound options • Wall mounted chime and slimline white bell push</li> <li>Self-learning push to chime (to avoid interference with neighbours' chimes)</li> <li>Wall fixings included • Batteries included with push</li> </ul>	
	BATTERIES	DIMENSIONS
	DOOR CHIME 3 x LR14 (C) Alkaline batteries (not included)	192 x 152 x 37mm
	BELL PUSH 1 x CR2032 Lithium coin cell battery (included)	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+/Décor Wirefree Pushes

EVO+ WIREFREE CONVERTER/EXTENDER		D3202
	<ul style="list-style-type: none"> <li>Enables the user to adapt a wired bell push for any Evo+ door chime</li> <li>OR</li> <li>Use with an existing wired chime giving the option of an additional wirefree chime</li> </ul>	
	  <p>Fig. 1</p> <p>Fig. 2</p>	
	<ul style="list-style-type: none"> <li>Works with unlit bell pushes and lit bell pushes in transformer powered installations</li> <li>Battery included * Subject to individual product specification. Note: Building structures e.g. metal, thick walls will affect transmission range.</li> </ul>	
<b>BATTERIES</b>		<b>DIMENSIONS</b>
EXTENDER/CONVERTER 1 x CR2032 Lithium coincell battery (included)		95 x 36.5 x 21.5mm
UNIT BARCODE 5004100955890		

EVO+ WIREFREE SLIMLINE WHITE PUSH		D3203
	<ul style="list-style-type: none"> <li>Slimline design white push</li> <li>LED confidence light</li> <li>Bell push weather resistant to IP54</li> <li>Bell push fixings included</li> <li>Battery included with push</li> </ul>	
	<b>BATTERY</b>	
	BELL PUSH 1 x CR2032 Lithium coincell battery (included)	80 x 28 x 15mm
UNIT BARCODE 5004100955906		

EVO+ WIREFREE SOLID BRASS PUSH		D3204
	<ul style="list-style-type: none"> <li>Contemporary design, solid brass push</li> <li>LED confidence light</li> <li>Bell push weather resistant to IP54</li> <li>Battery included with push</li> <li>Bell push fixings included</li> </ul>	
	<b>BATTERY</b>	
	BELL PUSH 1 x CR2032 Lithium coincell battery (included)	90 x 28 x 20mm
UNIT BARCODE 5004100955913		

\* Evo+/Décor wirefree pushes will not work with Libra+ chimes

# Mini Wired 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



# Mini Wired Chimes

OAKLAND ELECTRONIC MINI WIRED CHIME		D846
	<ul style="list-style-type: none"> <li>• Modern design and compact size</li> <li>• Electronic 3 note /2 note tunes</li> <li>• Battery or transformer operated (8v/1A)</li> <li>• Volume control • Sound output 75dB</li> </ul>	
	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"> <li>• Modern design and compact size</li> <li>• 2 note tune, mechanical</li> <li>• Battery or transformer operated (8v/1A)</li> <li>• Sound output 75dB</li> </ul>	
	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"> <li>• Modern design and compact size</li> <li>• 2 note tune, mechanical</li> <li>• Battery or transformer operated (8v/1A)</li> <li>• 75dB sound output</li> </ul>	
	BATTERIES	DIMENSIONS
	DOOR CHIME 4 x LR6 (AA) Alkaline batteries (not included)	120 x 110 x 50mm
	UNIT BARCODE 5004100217479	


# Mains Voltage Chimes


- 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
	• 2 notes • 6 products in outer pack	
	DETAILS	
	80dB @ 1m	
	DIMENSIONS	
	171 x 105 x 50mm	
	UNIT BARCODE 5004100214911	

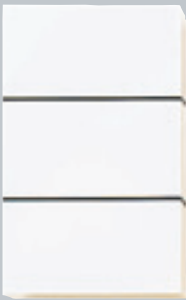
BIG BEN WITH BUILT-IN TRANSFORMER		D3230
	• 2 notes • 6 products in outer pack	
	DETAILS	
	80dB @ 1m	
	DIMENSIONS	
	171 x 105 x 49mm	
	UNIT BARCODE 5004100214171	


# Fixed Wall Mounted Chimes


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


FACET	D107
	• 2 notes • 6 products in outer pack
	<b>DETAILS</b>
	4 x R14/C batteries
	D753 or D780 transformer
	80dB @ 1m
	<b>DIMENSIONS</b>
	171 x 105 x 49mm
	UNIT BARCODE 5004100211279


SURF	D113
	• 2 notes • 6 products in outer pack
	<b>DETAILS</b>
	4 x R14/C batteries
	D753 or D780 transformer
	80dB @ 1m
	<b>DIMENSIONS</b>
	171 x 105 x 49mm
	UNIT BARCODE 5004100214836

DING DONG	D117
	• 2 notes • 6 products in outer pack
	<b>DETAILS</b>
	4 x R14/C batteries
	D753 or D780 transformer
	80dB @ 1m
	<b>DIMENSIONS</b>
	171 x 105 x 48mm
	UNIT BARCODE 50004100213273

BIG BEN	D230
	• 2 + 1 notes (back door option) • 6 products in outer pack
	<b>DETAILS</b>
	4 x R14/C batteries
	D753 or D780 transformer
	80dB @ 1m
	<b>DIMENSIONS</b>
	171 x 105 x 49mm
	UNIT BARCODE 5004100214126


HOCKEY	D128
	• 2 notes • 6 products in outer pack
	<b>DETAILS</b>
	4 x R14/C batteries
	D753 or D780 transformer
	80dB @ 1m
	<b>DIMENSIONS</b>
	171 x 105 x 50mm
	UNIT BARCODE 5004100214935

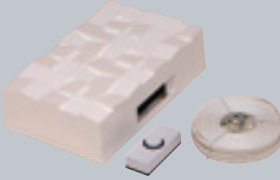
BANDERA	D239
	• 2 + 1 notes (back door option) • 6 products in outer pack
	<b>DETAILS</b>
	4 x R14/C batteries
	D753 or D780 transformer
	80dB @ 1m
	<b>DIMENSIONS</b>
	194 x 120 x 49mm
	UNIT BARCODE 5004100215130

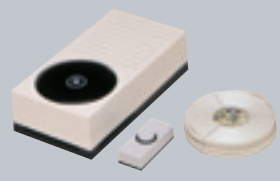
WARBLER	D454
	• Warbling + 2 notes (back door option) • 6 products in outer pack
	<b>DETAILS</b>
	4 x R14/C batteries
	D753 or D780 transformer
	87dB @ 1m
	<b>DIMENSIONS</b>
	200 x 200 x 57mm
	UNIT BARCODE 5004100213334


# Kits, Bells and Buzzers


- Kit consists of a chime or bell, a push and an 8 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
	• 2 notes • 6 products in outer pack
	<b>DETAILS</b>
	80dB @ 1m
	D753 or D780 transformer
	<b>DIMENSIONS</b>
	DOOR CHIME 171 x 105 x 49mm
	BELL PUSH 55 x 24 x 18mm
	UNIT BARCODE 5004100215178


FACET KIT	D424
	• 2 notes • 6 products in outer pack
	<b>DETAILS</b>
	80dB @ 1m
	D753 or D780 transformer
	<b>DIMENSIONS</b>
	DOOR CHIME 171 x 105 x 49mm
	BELL PUSH 55 x 24 x 18mm
	UNIT BARCODE 5004100510280

BELL KIT	D973
	• 6 products in outer pack
	<b>DETAILS</b>
	80dB @ 1m
	2 x R20/D batteries
	<b>DIMENSIONS</b>
	DOOR CHIME 159 x 83 x 43mm
	BELL PUSH 55 x 24 x 18mm
	UNIT BARCODE 5004100520289

BELL WIRE	D561
	• 8 metre coil of wire for 1-24V only
	• 24 products in outer pack
	UNIT BARCODE 5004100530127


UNDERDOME 8V AC BELL	D792
	• 24 products in outer pack
	<b>DETAILS</b>
	85dB @ 1m
	D743 or D770 transformer
	<b>DIMENSIONS</b>
	73 diameter x 36mm
	UNIT BARCODE 5004100310125


MINIBUZZER 8V AC	D182
	• 24 products in outer pack
	<b>DETAILS</b>
	80dB @ 1m
	D743 or D770 transformer
	<b>DIMENSIONS</b>
	51 diameter x 36mm
	UNIT BARCODE 5004100350121


BELL-IN-ONE 3V DC	D902
	• 6 products in outer pack
	<b>DETAILS</b>
	80dB @ 1m
	2 x R20/D batteries
	<b>DIMENSIONS</b>
	159 x 83 x 43mm
	UNIT BARCODE 5004100310279


# Pushes


- 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
	• Brass • 6 products in outer pack
	<b>DIMENSIONS</b>
	60 x 26 x 22mm
	UNIT BARCODE 5004100401557

SESAME	D814
	• 6 products in outer pack
	<b>DIMENSIONS</b>
	55 x 24 x 18mm
	UNIT BARCODE 5004100411082


ELITE	D620
	• Brass • 6 products in outer pack
	<b>DIMENSIONS</b>
	60 x 26 x 10mm, 16mm hole req
	UNIT BARCODE 5004100401502


DIMEX	D824
	• 6 products in outer pack
	<b>DIMENSIONS</b>
	55 x 24 x 18mm
	UNIT BARCODE 5004100411181

LEGION	D669
	• Brass • 6 products in outer pack
	<b>DIMENSIONS</b>
	72 x 33 x 12mm, 16mm hole req
	UNIT BARCODE 5004100411983

GEM	D611
	• 6 products in outer pack
	<b>DIMENSIONS</b>
	60 x 27 x 22mm
	UNIT BARCODE 5004100410986


BUTTON – NON ILLUMINATED	D6421 WHITE	D642 CLEAR
	• 6 products in outer pack	
	<b>DIMENSIONS</b>	
	19 diameter x 20mm, 16mm hole req	
	UNIT BARCODES 5004100411389 – D6421 5004100410580 – D642	


LUNA	D630
	• Chrome • 6 products in outer pack
	<b>DIMENSIONS</b>
	60 x 26 x 22mm
	UNIT BARCODE 5004100415417


DOOR CONTACTS	D1053
	• 24 products in outer pack
	<b>DIMENSIONS</b>
	90 x 40 x 25mm
	UNIT BARCODE 5004100413666


# Illuminated Pushes


HALO	D624E
	• Brass • 6 products in outer pack
	<b>DIMENSIONS</b>
	61 x 27 x 27mm
	UNIT BARCODE 5004100415738

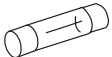
LIGHTSPOT	D534
	• 6 products in outer pack
	<b>DIMENSIONS</b>
	60 x 26 x 24mm
	UNIT BARCODE 5004100410184

BENTON	D667
	• Brass • 6 products in outer pack
	<b>DIMENSIONS</b>
	76 x 32 x 13mm, 16mm hole req
	UNIT BARCODE 5004100411952

LIGHTSPOT WHITE	D534WE
	• 6 products in outer pack
	<b>DIMENSIONS</b>
	60 x 26 x 24mm
	UNIT BARCODE 5004100415721

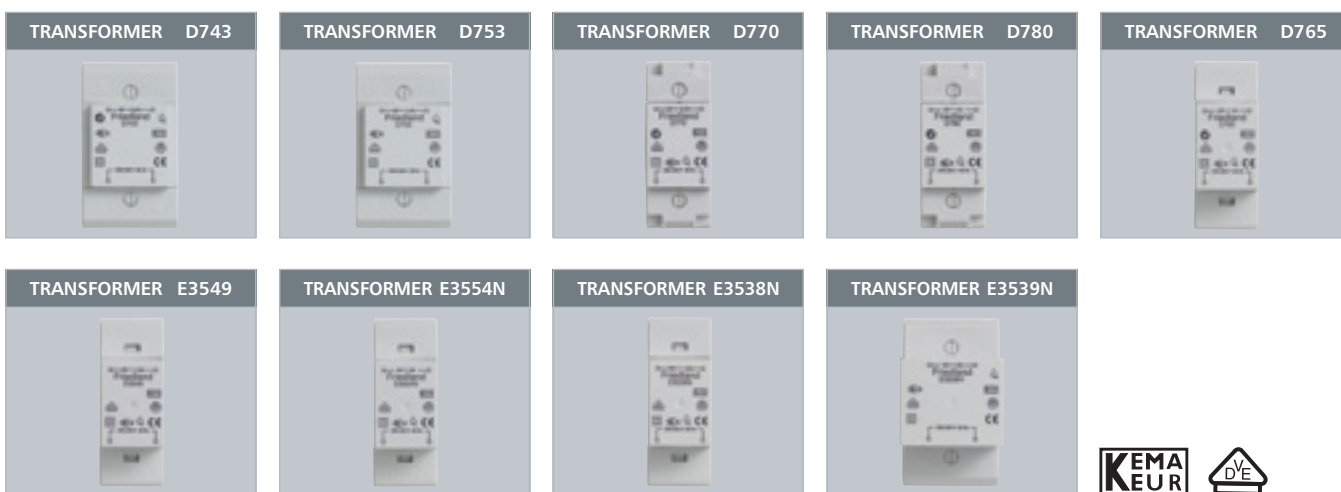
MEDALLION	D664
	• Brass • 6 products in outer pack
	<b>DIMENSIONS</b>
	70 diameter x 13mm, 16mm hole req
	UNIT BARCODE 5004100411907

PUSHLITE WHITE	D723W
	• 6 products in outer pack
	<b>DIMENSIONS</b>
	60 x 40 x 19mm
	UNIT BARCODE 5004100411471

REPLACEMENT LAMP	D70
	• 16V (8V Transformers)
	UNIT BARCODE 5004100910165

# Transformers




- Range of 12 transformers for surface and DIN rail mounting
- Transformers to suit every bell or chime installation requirement
- All transformers operate across a voltage range of 220 to 240V ~ 50Hz
- The entire range has KEMA and VDE Certification
- The range conforms to IEC 61558-2-8
- All transformers have a “fail-safe” design. Once a short circuit occurs they cannot be reset and reused



PRODUCT	OUTPUT	SWITCH	MOUNTING TYPE	PACKAGING TYPE	PACKAGING DIMENSIONS	PACK QTY	UNIT BARCODE
D743	8V 0.5A	No	Surface	Blister	147 x 97 x 40mm	6	5004100611604
D753	8V 1A	No	Surface	Blister	147 x 97 x 40mm	6	5004100611611
D770	8V 0.5A	No	DIN/Surface	Blister	147 x 97 x 40mm	6	5004100611628
D780	8V 1A	No	DIN/Surface	Blister	147 x 97 x 40mm	6	5004100611635
D780S	8V 1A	Yes	DIN/Surface	Blister	147 x 97 x 40mm	6	5004100612137
D765	12V 1A	No	DIN/Surface	Blister	147 x 97 x 40mm	6	5004100612120
E3549	8V 1.5A	No	DIN/Surface	Blister	147 x 97 x 40mm	6	5004100612007
E3554N	8V 2A	No	DIN/Surface	Blister	147 x 97 x 40mm	6	5004100612151
E3554SN	8V 2A	Yes	DIN/Surface	Blister	147 x 97 x 40mm	6	5004100612175
E3538N	12V 1.5A	No	DIN/Surface	Blister	147 x 97 x 40mm	6	5004100612199
E3538SN	12V 1.5A	Yes	DIN/Surface	Blister	147 x 97 x 40mm	6	5004100612212
E3539N	12V 2A	No	DIN/Surface	Carton	80 x 95 x 55mm	6	5004100612236

## TRANSFORMERS WITH ISOLATION SWITCHES

- Enables isolation of the transformer's output circuit to allow a chime or bell to be worked on in safety
- Can be used as an On/Off switch for chimes when silence is required

TRANSFORMER D780S WITH SWITCH	TRANSFORMER E3554SN WITH SWITCH	TRANSFORMER E3538SN WITH SWITCH	WHICH TRANSFORMER?		
				CHIMES	BELLS & MINI BUZZERS
			INPUT	220-240V~50 Hz	220-240V~50 Hz
			OUTPUT	8V 1A~	8V 0.5A~
			SURFACE	D753	D743
			DIN RAIL	D780	D780S, D770

# Technical Information

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 are packed in containers 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	72
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	72
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	72
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	72
D3007	Evo+ Wirefree Portable White Door Chime Kit	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	72
D3010UK	Evo+ Wirefree Plug-in White Door Chime Kit	White	6	Ding Dong, Flute 3, Minibell 4 note, Big Ben 2 note, Altosax, Bird 1	Push: 1 x CR2032 Lithium inc	72
D3008	Evo+ Wirefree Portable Black Door Chime Kit	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	72
D3009	Evo+ Wirefree Metal Portable Door Chime Kit	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	72
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	72
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	72
D3120	Evo+ Chime and PIR Kit	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 PIR: 1 x 9V PP3 Alkaline	72
D3200	Evo+ Wirefree PIR	White			PIR: 1 x 9V PP3 Alkaline	



# Technical Information

DÉCOR	COLOUR	TUNE NAMES	BATTERIES	SOUND LEVEL dB@1m***
D500 Symphony	Beech/Chrome	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	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 are packed in shipping containers 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/ CONVERTER	COLOUR	NUMBER OF TUNES AVAILABLE	TUNE NAMES	BATTERIES	SOUND LEVEL dB@1m***
D3202 Evo+ Wirefree Converter/ extender	White			EXTENDER/CONVERTER 1 x CR2032 Lithium coin cell battery (included)	

EVO+ AND DÉCOR WIREFREE PUSHES	COLOUR	NUMBER OF TUNES AVAILABLE	TUNE NAMES	BATTERIES	SOUND LEVEL dB@1m***
D3203 Evo+ Wirefree Slimline White Push	White			Push: 1 x CR2032 Lithium inc	
D3204 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 are packed in shipping containers of 4 units.

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

# Technical Information

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 Dong	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	2-Note	4 x R14/C	D753 or D780	6 W	87	740	587
D182 Minibuzzer	8V AC	Buzzer		n/a	D753 or D780		90		
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 RD20/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	16 VA	80	740	587
D3230 Big Ben (incl. Transformer)	220-240V AC 50Hz	2-Note	16 VA	80	740	587

# Technical Information

PUSHES		LIGHTED	SPARE LAMP	FINISH	SPARE BUTTON
D534	Lightspot	Yes	D70		D6431
D534WE	Lightspot	Yes	D70		D6431
D611	Gem				
D620	Elite	16mm hole req.		Brass	
D622	Ducat			Brass	
D624E	Halo	Yes	1114	Brass	D6432
D639	Mesa	16mm hole req.	1114		
D642	Button	16mm hole req.			
D6421	Button	16mm hole req.			
D664	Medallion	16mm hole req.	1114	Brass	D6432
D667	Benton	16mm hole req.	1114	Brass	
D669	Legion	16mm hole req.		Brass	
D723W	Pushlite	Yes	D70		
D814	Sesame				
D824	Dimex				
D1053	Door Contact				

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

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	Yes	DIN/Surface	220-240V 50Hz	12V 1.5A
E3539N	Transformer	No	DIN/Surface	220-240V 50Hz	12V 2A

WIRING CONNECTIONS	BATTERY OPERATION PUSH 1	PUSH 2	TRANSFORMER OPERATION 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			*	*	

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

# Technical Information

## 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 require the use of a transformer
- 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.

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# Environmental Policy

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.



Printed on 100% recycled material.

# Notes



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**Friedland**

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