



## door entry components and accessories



### Posts

The mounting of an entrance panel on a post is often required for a variety of applications e.g. for buildings where a wall mounting panel is not suitable or for entrances to car parks.

The posts are manufactured from polished stainless steel and are designed to accommodate surface vandal resistant panels of all sizes. The posts have a stainless steel pedestal welded to the base with fixing holes pre-drilled.

All posts are supplied with surface vandal resistant panels pre-fitted and cable entries pre-drilled. Select the appropriate post and order together with the chosen panel design. The panels can be multi-button, video, digital or combined with proximity or coded keypad.

Please contact the Sales Department for guidance on suitable panel designs.

Code	Description	Height mm
CHP1	Car Height Post	1200
PHP1	Pedestrian Height Post	1600
DHP1	Dual Height Post - Pedestrian / Car	1600 / 1200
DHP2	Dual Height Post - HGV / Car	2000 / 1200

Post Width: 80mm



#### Model TS2000-BST

12V quartz reserve time clock with auto British Summer Time settings.

The TS2000-BST time clock has the facility of automatically adjusting to European/British time settings. Once the user has programmed the date the clock will automatically adjust each spring and autumn. This digital timer is purpose made for access control systems as it operates from a supply voltage of 12v AC/DC. The clock is designed for wall-mounting and its main features are;

- Automatic European Time adjustment
- 12V AC/DC operating voltage
- LCD display
- Quartz crystal timing with reserve
- Daily and weekly programs
- 7 day programming
- 8 on/off periods
- 15 repeat options: day, week, weekend, odd weekdays etc.
- manual override
- switching capacity 10A/30V DC

Dimensions: H = 98mm, W = 66mm, D = 40mm



#### Speech unit model 61

This compact unit is fitted to the entrance panel on all our current door entry systems (except as indicated below). The unit provides two-way speech and has an individual volume control for both microphone and speaker. This universal product can be powered from either 12V AC or 12V DC depending on the model of telephone used.

Dimensions: H = 97mm, W = 58mm, D = 24mm



#### Speech unit model 51

This unit is generally required as a replacement unit for older systems or for SPA panels above 10 buttons. The unit provides two-way speech and has an individual volume control for both microphone and speaker. This universal product can be powered from either 12V AC or 12V DC depending on the model of telephone used.

Dimensions: H = 136mm, W = 81mm, D = 30mm



#### Extension sounders

These units extend the call tone of a door entry telephone to other areas of the premises to improve audibility. The unit is fabricated in white ABS plastic and can be wall mounted in a convenient indoor location. Available models;

Model RT27 for extensions to the standard 801 telephones

Model BS-RT for extensions to the bellissimo telephones

Dimensions: H = 120mm, W = 90mm, D = 38mm



#### Sound Generator and extension tone model SG1

Like the models above this unit provides an extension of the call tone on a door entry telephone. In addition to an output of 80 dB at one metre it has 8 user selectable tones.

The unit can be triggered either from a 12 Volts source or from a switch.

Dimensions: H = 120mm, W = 90mm, D = 38mm



#### Flashing beacon model FB31

This unit gives an effective visual indication of a call at the door entry telephone. This unit is ideal for the 'hard of hearing' or areas with a high level of background noise.

The beacon includes a timer circuit that can be set for between 4 and 40 seconds. (A model 212 power supply may be required).

Dimensions: H = 113mm, W = 80mm, D = 60mm



#### Flashing beacon model BS-FB (bellissimo)

This unit gives an effective visual indication of a call at the bellissimo door entry video telephone. This unit is ideal for the 'hard of hearing' or areas with a high level of background noise.

Dimensions: H = 113mm, W = 80mm, D = 60mm



#### Model LS47 Apartment Station

This wall-mounting unit is ideal for residents who cannot use a telephone such as the elderly or arthritics. It has two large push-button pads; one for speech and one for operating the lock release. Since the unit can only be powered from 12v DC and additional power supply may be required when connecting an existing AC powered system. A model LSD47 desk-mounting version is also available.

Dimensions: H = 95mm, W = 202mm, D = 58mm



**Exit Switch model 5077 and model 5077L (LED indication)**

These switches are typically used an access control system to release the door upon exiting in the absence of a manual lock release. The model B24S stainless steel push-button is incorporated and is designed for heavy use.

Dimensions: H = 110mm, W = 60mm, D = 34mm



**Exit Switch (flush mounting) model 5078**

An alternative style exit switch with the panel manufactured in 2.5 mm 316 marine grade stainless steel and designed to fit a standard single-gang back-box. The panel is permanently engraved and includes a model B24S vandal resistant push-button designed for heavy use.

Plate Dimensions: H = 100mm, W = 100mm

Back-box dimensions: H = 75mm, W = 75mm, D = 45mm



**Exit Switch (miniature surface mounting) model 5078S**

This surface mounting switch is manufactured in stainless steel. A vandal resistant push-button is included and is designed for heavy use.

Dimensions: H = 80mm, W = 40mm, D = 30mm



**Lock Releases**

The standard lock releases are designed to operate with night latch locks on timber framed doors. Each release is fabricated from a variety of materials;

- Main mechanism - plated zinc
- Latch - chrome-plated mazac zinc alloy.
- Faceplate - epoxy painted steel
- Side cover - stainless steel

Model	12V AC	12V DC	Surface	Mortice	Fail-Secure	Fail-Safe	Continuously Rated	Monitor Switch	Delayed Action	Heavy Duty
202	✓	✓	✓		✓					
203	✓	✓	✓		✓					
204	✓	✓		✓	✓					
205	✓	✓	✓	✓	✓				✓	
206		✓	✓	✓		✓	✓			
209		✓	✓	✓	✓		✓			
210	✓	✓	✓	✓	✓					
2208	✓	✓		✓	✓					✓
2208 M	✓	✓		✓	✓			✓		✓
2208 F		✓		✓		✓	✓			✓
2208 FM		✓		✓		✓	✓	✓		✓

Standard Release Pressure: withstands up to 300 Kg of impact (breakdown at 600 Kg)  
 Heavy Duty Release Pressure: withstands up to 500 Kg of impact (breakdown at 1000 Kg)

**Power Supplies**

**Model 212 (12v AC)**

A wall-mounting, double insulated, fused transformer included in basic audio door entry systems up to 10 stations. It has a nominal output of 12v AC @ 1A. Compliant with EN60950.

Dimensions: H = 140mm, W = 60mm, D = 53mm



**Model 225 (12v AC)**

A wall mounting, double insulated, fused transformer for use with door entry telephone systems. This supply incorporates a relay for the direct operation of the lock release to overcome possible voltage drop on larger systems. It has a nominal output of 12V AC @ 2 Amps. Compliant with EN60950.

Dimensions: H = 110mm, W = 235mm, D = 80mm



**Model 340C (12v DC)**

A wall-mounting fused 12v DC regulated power supply rated at 1.5 Amp for use on DC door entry systems and our Access Control systems. It can also be used for directly powering failsafe and continuously rated lock releases. Compliant with EN60950.

Dimensions: H = 140mm, W = 60mm, D = 53mm



**Model PS4 (12v DC)**

A wall-mounting fused 12v DC regulated power supply rated at 4 Amps for use on video entry systems and for powering high current door release mechanisms.

Compliant with EN60950. Dimensions: H = 110mm, W = 235mm, D = 80mm





***All technical and installation manuals are available for download at [www.bellsystem.co.uk](http://www.bellsystem.co.uk)***

Whilst every effort has been made to ensure the accuracy of the information provided, no liability can be undertaken for any errors or omissions. All dimensions stated in this brochure are approximate. Bell System reserves the right to alter the specifications and introduce improvements without prior notice.