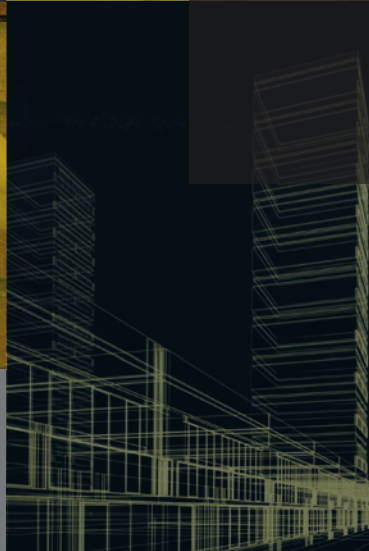
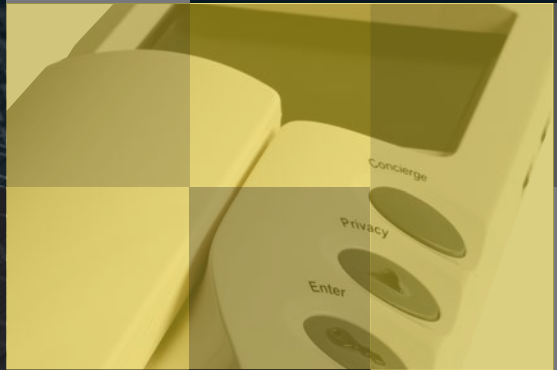




GDX® Door Entry

PRODUCT RANGE CATALOGUE





About Stanley®, GDX® and PAC®

GDX and PAC are product brands of Stanley Security Products. Stanley Security Products are part of Stanley Black & Decker Inc, an S&P 500 company. Stanley Black & Decker Inc is one of the world's largest security and tools providers and offer a financially secure and stable partner for all of your security product requirements.

About GDX

The GDX design, manufacturing and technical support teams are based in the UK at a custom facility in Paisley, Scotland. With over 30 years experience in designing and manufacturing Door Entry and Access Control products we are amongst the market leaders in this market sector. We have worked closely in partnership with an extensive list of local government, housing association, consultant and architect partners over this time to continually develop our system functionality to meet the ever demanding and ever changing requirements of this market and it's associated legislation.

The GDX5 Door Entry range has been designed to provide unbeatable reliability and robust functionality to meet the rigorous demands of both the residential and commercial market sectors. As well as providing a high level of user functionality combined with elegant styling and a large flexible range of options it can be tailored to suit virtually any application for door entry control requirements. With a focus on design reliability and an ease of installation and maintenance we offer a solution that delivers an extremely cost effective solution to your security needs across the entire product life cycle for both customer and installer alike.

GDX have long history of product innovation and new product development investment and pioneered the use of Voice Over IP (VoIP) Technology within Door Entry systems to allow the benefits of digital audio distribution over Local Area and Wide Area IP networks to be utilised in the ever growing digital environment the equipment is now utilised.

GDX Product Availability

The GDX range of equipment is supplied exclusively through authorised GDX distributors, dealers and installers. This allows us to ensure that our approved suppliers are trained in the installation and support of our products to allow them to offer the highest levels of support to our customers. Please contact your approved supplier for details or contact GDX Customer Services for details of approved suppliers.

GDX Design Support Services

GDX offer a full range of pre-sales design, specification, technical and site survey support to all our customers and approved suppliers. We have an extremely experienced sales and support team based in various locations throughout the UK who are available to offer support, help and advice on all aspects of the pre-sales and post-sales design, specification and tender process if required.






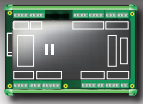
Please see inside back cover for full details of the sales and design support services we can offer along with full contact details for both sales and support.



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Features Selection Box

						
	AUDIO ENTRANCE PANELS/CHANNELS	HANDSETS	CONCIERGE COMPATIBLE	VIDEO COMPATIBLE	INDIGO TOKEN ACCESS COMPATIBLE	PAC TOKEN ACCESS COMPATIBLE
GDX5 Lite Low Rise	2	32	No	Yes	Yes	Yes
GDX5 Lite High Rise	2	255	No	Yes	Yes	Yes
GDX5 Full Low Rise	7	32	Yes	Yes	Yes	Yes
GDX5 Full High Rise	7	255	Yes	Yes	Yes	Yes

GDX5 Lite Low Rise Range

The GDX5 Lite Low Rise range is designed for projects requiring either single or dual door entry control of premises up to a maximum of 32 handsets without any requirement for central concierge control.

The control equipment contains within a single enclosure all of the necessary electronic control, distribution and power supplies required for the system installation.

An overall system can then be designed using control equipment, door entrance panels and handsets as required. A range of options and ancillaries are also available to allow system specification to meet even the most demanding of application requirements.

FEATURES:

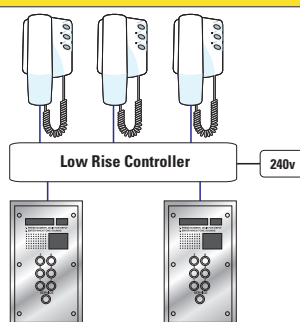
- Duplex speech
- Secrecy of conversation
- Two simultaneous speech channels (no engaged doors)
- Handset timed privacy as standard (centrally adjustable)
- Door alarm monitoring and handset alert facility
- Two programmable trades access periods
- Automatic BST adjusting electronic time-clock
- Fully isolated and individually fused handset outputs
- Anti tailgating facility
- Vandal resistant high grade stainless steel entrance panels
- Custom engraved entrance panels
- Backlit LCD on entrance panels for full user notification
- Engineer adjustment of key system settings
- Diagnostic display unit for wiring and fault tracing
- Utilises standard CW1308 telephone cable (Note 1)

OPTIONAL FEATURES (see later sections for details):

- Fully integrated Indigo proximity access
- Remote proximity access administration
- Remote maintenance diagnostics
- Colour video
- Battery backup facility

Note 1 : Excluding underground cable runs and video option over 50m

TYPICAL GDX 5 LOW RISE SYSTEM



Entrance Panel



- Vandal resistant stainless steel
- Available as compact (shown) or mitred bezel
- Available as functional (shown) or digital
- Available as Lite or Full specification depending on handset requirements
- Surface mount option available for compact
- Available with Trades & Service buttons

See page 10 on Entrance Panels for all available options and detailed specifications.

Lite Control Rack



- Available in 8, 16, 24 and 32 way handset sizes
- Takes 2 entrance panels as standard
- Single high security key lock sheet steel enclosure
- H: 500 mm x W: 400 mm x D: 100 mm (8 or 16 handsets)
- H: 600 mm x W: 600 mm x D: 100 mm (24 or 32 handsets)
- 3.5 Amp PSU

Audio Handset



- Utilises 4 wire connection for all functionality for ease of install
- Attractive vandal resistant UL Rated high gloss finish
- 2 button operation as standard (enter & privacy).
- Large 20mm LED illuminated buttons for DDA compliance
- Tactile button symbols for DDA compliance
- Engineer adjustable caller ring tone volume

Please see page 11 on handsets and apartment stations for all available options.

GDX5 Lite High Rise Range

The GDX5 Lite High Rise range is designed for projects requiring either single or dual door entry control of premises up to a maximum of 255 handsets without any requirement for central concierge control.

The control equipment contains all of the necessary electronics, distribution and power supplies required for installation. This can be split into distribution units to simplify and reduce wiring depending on the architecture of the application.

An overall system can then be designed using control equipment, door entrance panels and handsets as required. A range of options and ancillaries are also available to allow system specification to meet even the most demanding of application requirements.

FEATURES:

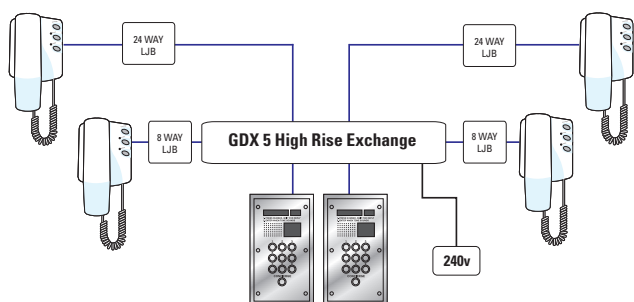
- Duplex speech
- Secrecy of conversation
- Two simultaneous speech channels (no engaged doors)
- Handset timed privacy as standard (centrally adjustable)
- Door alarm monitoring and handset alert facility
- Two programmable trades access periods
- Automatic BST adjusting electronic time-clock
- Fully isolated and individually fused handset outputs
- Anti tailgating facility
- Vandal resistant high grade stainless steel entrance panels
- Custom engraved entrance panels
- Backlit LCD on entrance panels for full user notification
- Engineer adjustment of key system settings
- Diagnostic display unit for wiring and fault tracing
- Utilises standard CW1308 telephone cable (Note 1)

OPTIONAL FEATURES (see later sections for details):

- Fully integrated Indigo proximity access
- Remote proximity access administration
- Remote maintenance diagnostics
- Colour video
- Battery backup facility

Note 1 : Excluding underground cable runs and video option over 50m

TYPICAL GDX 5 HIGH RISE SYSTEM



Entrance Panel



- Vandal resistant stainless steel
- Available as compact or mitred bezel (shown)
- Available as functional or digital (shown)
- Available as Lite or Full specification depending on handset requirements
- Surface mount option available for compact
- Available with Trades/Service, Cancel & Call Buttons

See page 10 on Entrance Panels for all available options and detailed specifications

Lite High Rise Exchange



- Available in 7 or 14 LJB versions.
- Takes 2 audio channels as standard
- Single high security key lock sheet steel enclosure
- H: 600 mm x W: 400 mm x D: 100 mm (7 LJB's)
- H: 600 mm x W: 600 mm x D: 100 mm (14 LJB's)
- 7.5 Amp PSU

Lite Landing Junction Box



- Available in 8, 16, 24 and 32 way handset sizes
- Takes 2 entrance panels as standard
- Single high security key lock sheet steel enclosure
- H: 500 mm x W: 400 mm x D: 100 mm (8 or 16 Handsets)
- H: 600 mm x W: 400 mm x D: 100 mm (24 or 32 Handsets)

Note: Handset options as per GDX5 Lite Low Rise range opposite

GDX5 Full Low Rise Range

The GDX5 Full Low Rise range is designed for projects requiring multiple door entry control of premises up to a maximum of 32 handsets with the option for central concierge control.

The control equipment contains within a single enclosure all of the necessary electronic control, distribution and power supplies required for the system installation.

A range of options and ancillaries are also available to allow system specification to meet even the most demanding of application requirements.

FEATURES:

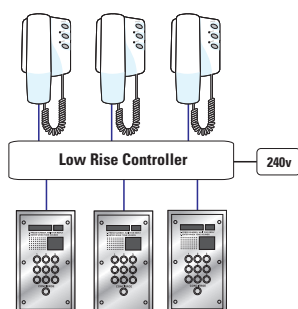
- Duplex speech
- Secrecy of conversation
- 7 simultaneous speech channels reducing engaged calls
- Landing deck door entrance panel capabilities
- Handset timed privacy as standard (centrally adjustable)
- Door alarm monitoring and handset alert facility
- Two programmable trades access periods
- Automatic BST adjusting electronic time-clock
- Fully isolated and individually fused handset outputs
- Anti tailgating facility
- Vandal resistant high grade stainless steel entrance panels
- Custom engraved entrance panels
- Backlit LCD on entrance panels for full user notification
- Robust steel enclosure with high security key lock
- Engineer adjustment of key system settings
- Diagnostic display unit for wiring and fault tracing
- Utilises standard CW1308 telephone cable (Note 1)

OPTIONAL FEATURES (see later sections for details):

- Concierge control and monitoring facilities
- Fully integrated Indigo proximity access
- Remote proximity access administration
- Remote maintenance diagnostics
- Colour video
- DDA compliance options and features
- Battery backup facility

Note 1 : Excluding underground cable runs and video option over 50m

TYPICAL GDX 5 FULL LOW RISE SYSTEM



Entrance Panel



- Vandal resistant stainless steel
- Available as compact (shown) or mitred bezel
- Available as functional or digital (shown)
- Available as Full specification only
- Surface mounting option available for compact
- Available with Concierge, Trades/Service, Cancel and Call buttons

See page 10 on Entrance Panels for all available options and detailed specifications

Full Control Rack



- Available in 8, 16, 24 and 32 way handset sizes
- Double high security key lock sheet steel enclosure
- 7 Audio Channels as Standard
- H: 500 mm x W: 400 mm x D: 100 mm (8 or 16 handsets)
- H: 600 mm x W: 600 mm x D: 100 mm (24 or 32 handsets)
- 7.5 Amp PSU

Audio Handset



- Utilises 4 wire connection for all functionality for ease of install
- Attractive vandal resistant UL Rated high gloss finish
- 2 or 3 button operation as required ((enter & privacy) or (concierge, enter & privacy))
- Large 20mm LED illuminated buttons for DDA compliance
- Tactile button symbols for DDA compliance
- Engineer adjustable caller ring tone volume

Please see page 11 on handsets and apartment stations for all available options

GDX5 Full High Rise Range

The GDX5 Full High Rise range is designed for projects requiring multiple door entry control of premises up to a maximum of 255 handsets with the option for central concierge control.

The control equipment contains all of the necessary electronics, distribution and power supplies required for installation. This can be split into distribution units to simplify and reduce wiring depending on the architecture of the application.

A range of options are also available to allow system specification to meet even the most demanding of application requirements.

FEATURES:

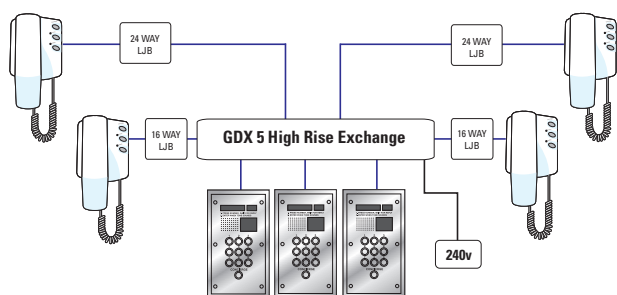
- Duplex speech
- Secrecy of conversation
- 7 simultaneous speech channels reducing engaged calls
- Landing deck door entrance panel capabilities
- Handset timed privacy as standard (centrally adjustable)
- Door alarm monitoring and handset alert facility
- Two programmable trades access periods
- Automatic BST adjusting electronic time-clock
- Fully isolated and individually fused handset outputs
- Anti tailgating facility
- Vandal resistant high grade stainless steel entrance panels
- Custom engraved entrance panels
- Backlit LCD on entrance panels for full user notification
- Robust steel enclosure with high security key lock
- Engineer adjustment of key system settings
- Diagnostic display unit for wiring and fault tracing
- Utilises standard CW1308 telephone cable (Note 1)

OPTIONAL FEATURES (see later sections for details):

- Concierge control and monitoring facilities
- Fully integrated Indigo proximity access
- Remote proximity access administration
- Remote maintenance diagnostics
- Colour video
- DDA compliance options and features
- Battery backup facility

Note 1 : Excluding underground cable runs and video option over 50m

TYPICAL GDX 5 FULL HIGH RISE SYSTEM



Entrance Panel



- Vandal resistant stainless steel
- Available as compact or mitred bezel (shown)
- Available as functional or digital (shown)
- Available as Full specification only
- Surface mounting option available for compact
- Available with Concierge, Trades/Service, Cancel and Call buttons

See page 10 on Entrance Panels for all available options and detailed specifications

Full High Rise Exchange



- Available built to order specification
- 1 or 2 motherboard base unit (5 or 10 cards)
- Configurable for a maximum of 7 audio channels (Entrance Panels or Concierges)
- Can include alarm input, foyer/lift intercom and auxiliary output control cards
- Double high security key lock sheet steel enclosure
- H: 600 mm x W: 600 mm x D: 100 mm (5 way motherboard)
- H: 800 mm x W: 600 mm x D: 200 mm (10 way motherboard)
- 7.5 Amp PSU

Full Landing Junction Box



- Available in 8, 16, 24 and 32 way handset sizes
- Takes 7 audio channels (Doors or Concierge) as standard
- Double high security key lock sheet steel enclosure
- H: 500 mm x W: 400 mm x D: 100 mm (8 or 16 handsets)
- H: 600 mm x W: 400 mm x D: 100 mm (24 or 32 handsets)

Handset options as per GDX5 Full Low Rise range opposite

GDX5 Video Options

All of the GDX5 range of door entry systems can have video facilities incorporated into them.

Video pictures can be provided by integrated CCD cameras housed within the entrance panels themselves or can be provided by externally housed cameras located as required around the entrances to the building with signals fed directly into the GDX5 door entry system.

The addition of video facilities directly into the GDX5 door entry system itself however enhances security by allowing the user the benefit of a visual identification of any visitor before admitting them to the premises.

The GDX5 range of video handsets and apartment stations incorporate a 4" Colour TFT Screen that offers a clear, full colour, high definition image with a wide viewing angle for ease of use. Each video unit has user adjustable colour and brightness facilities to allow picture optimisation to match the surrounding light conditions within the dwelling.

Depending on the range of GDX5 door entry system selected up to four simultaneous video channels can be used within a block (Lite Systems - 2 Channels and Full Systems - 4 Channels) to allow simultaneous access control of multiple doors within a block.

Audio and video handsets can be mixed on the same system to cater for instances where there is a requirement for higher video security for more vulnerable dwellings but where audio would suffice for the majority of dwellings.

As well as the provision of video pictures to the tenants locally these video pictures can be utilised for monitoring and identification within a central control or concierge scheme allowing full visual verification before visitor access is allowed by staff.

The GDX5 concierge software platform can also be interfaced with 3rd party CCTV equipment to provide event driven camera switching to synchronise operation of the door entry and CCTV schemes implemented. This would allow for example calls from audio panels or activated remote alarms to automatically switch CCTV monitors to the correct camera feed for that audio panel or area.

The video handsets and apartment stations offer the same high specification and functionality as the audio versions - see page 11 for all available options and detailed specifications.

Entrance Panel Camera



- Full colour CCD camera can be included within all entrance panel ranges
- High impact vandal resistant polycarbonate lexan protection

Video Switching Cards



- Additional cards incorporated into audio control units and audio high rise exchange units for the addition of video switching
- 2 video channel (Lite) or 4 video channel (Full) options
- 8 handsets per card

Video Handset



- Attractive vandal resistant UL Rated high gloss finish
- 2 or 3 button operation as required ((enter & privacy) or concierge, enter & privacy))
- Large 20mm LED illuminated buttons for DDA compliance
- Tactile button symbols for DDA compliance
- Engineer adjustable caller ring tone volume
- 4" Colour TFT high definition with wide viewing angle

Video Apartment Station



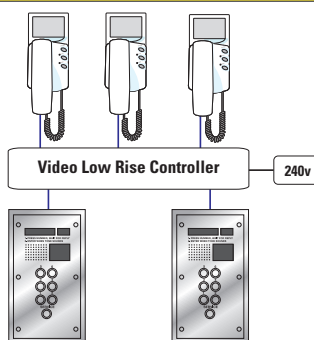
- Attractive vandal resistant UL Rated high gloss finish
- 3 button operation (enter, privacy, concierge/accept)
- Hands free audio communication
- 4" Colour TFT high definition with wide viewing angle

Camera Scrolling



- Option available to utilise camera scrolling facility on 3 button handsets to allow tenants to view additional cameras in foyers or landings when called to provide additional security for tenant

TYPICAL GDX 5 LOW RISE VIDEO SYSTEM



Integrated GDx5 Indigo Proximity Access Options

Proximity access token fobs provide ease of access to blocks for residents and authorised personnel whilst restricting access to areas such as communal work areas or car park barriers. Lost keys are easily deleted or replaced without the need to replace expensive door locks thereby offering a valuable ROI from reduced maintenance and administration costs.

Within the GDx5 range there are three available options for the provision of proximity token access facilities (the PAC and Standalone Indigo options are covered in more detail on pages 13 & 15 of this catalogue):

- Indigo integrated within GDx5 Door Entry
- PAC integrated within GDx5 Door Entry
- Standalone Indigo Proximity Access

Traditionally adding proximity access control facilities into a door entry system requires the addition of a separate proximity access controller onto the door entry system. These are then interfaced together resulting in additional cabling, increased equipment and installation costs, increased maintenance complexity and increased spares holdings. In contrast, as the Indigo proximity access control is integrated completely into the GDx5 door entry system itself, this avoids the unnecessary complexity and expense of interfacing two separate systems together.

Token fob administration can then be carried out directly from the GDx5 entrance panel by means of unique master tokens. This removes any requirement for qualified personnel to access electrical control equipment to administer fobs. Lost master tokens can also be replaced on-site by maintenance personnel without the need for resident token replacement or manufacturer support to do so.

A major advantage of this integrated solution is that it is retrospectively upgradeable to central administration without need to recall token fobs from the fob holders – once the stock of managed properties reaches a point that central administration is considered a necessity no change of equipment on site is required to do so and it can be achieved without token recall.

Central token fob administration can be carried out from a PC based central administration software platform over the mobile GSM network or from a GDx5 Concierge software central control platform that can also be added to provide full audio control, event monitoring, alarm monitoring & event reporting facilities as well.

FEATURES:

- Proximity access readers are integrated directly into audio panels
- No additional cabling required to add readers into audio panels
- LCD Indication of "Valid" or "Invalid" Tokens For Benefit of User
- Standalone vandal resistant readers available for non-audio doors
- Up to 3 unique master tokens per system for token administration
- Add and delete tokens from audio entrance panel using master
- Up to 1,000 user tokens per reader
- Up to 40 readers per system
- Can utilise any of the Indigo, Stanley or PAC token ranges
- No batteries or user replaceable parts within token fobs
- Up to 10mm token read range
- Colour coded tokens for ease of identification

Integrated Indigo Proximity Access Panel Reader



- Proximity access reader integrated directly into the GDx5 door entry panel
- No need for any additional proximity access controllers
- Slave reader can be connected for read-in / read-out operation
- Can be administered locally with master tokens via the entrance panel itself
- Can be administered remotely via a variety of communication methods
- Raised tactile symbol on reader lexan for DDA compliance

131	Surface VR Reader	151	Flush VR Reader
135	Slave Surface VR Reader	155	Slave Flush VR Reader



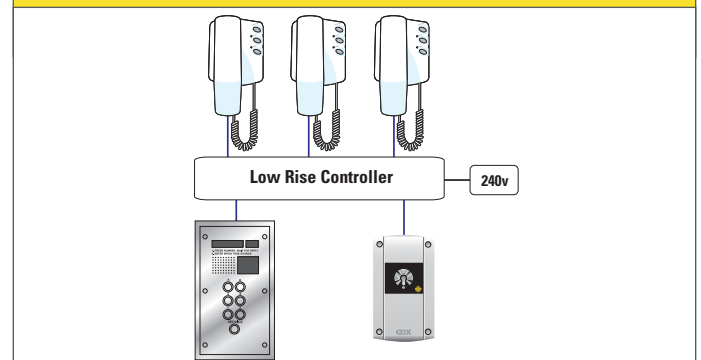
- Connect directly into a GDx5 door entry system without the need for any additional proximity access controllers
- Available as slave version for read-in / read-out operation

129	3 Amp Distribution Unit	129/01	7 Amp Distribution Unit
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- Provides power and distribution for adding 4 additional VR readers onto a GDx5 Door Entry system
- Fused outputs for 4 VR readers and locks
- Available with 3A or 7A PSU
- Single lock sheet metal steel enclosure (H: 350 mm x W: 350 mm x D: 100 mm)

TYPICAL INTEGRATED DOOR ENTRY & ACCESS LAYOUT



GDX5 Entrance Panel Range

The GDX5 Entrance Panel range offers a variety of styles and options to suit a wide range of applications. The vandal resistant panels have been designed to withstand the harshest and most demanding of installation environments.



With ease of installation and maintenance in mind the panel design incorporates an internal hinged chassis onto which all of the panel electronics and wiring connections are mounted.

FEATURES:

- Vandal resistant 2.5mm high grade BS316 stainless steel faceplates
- High impact vandal resistant Polycarbonate Lexan
- Backlit LCD display for full user notification
- Duplex speech
- Audible reassurance tones for all panel events
- Privacy of conversation
- Two fully programmable trades access periods
- Automatic BST adjusting electronic time-clock
- Raised tactile symbol on proximity access reader Lexan
- Anti tailgating facility
- 5 to 8 digit coded access facility on digital panels
- Global Fireswitch option to release all system doors
- Engineer adjustable settings for:
 - Lock release period
 - Door alarm period
- Faceplate secured with tamperproof mono-drive 5 security screws
- Panels can include Service, Trade, Concierge, Call and Cancel buttons

OPTIONAL FEATURES (Please also see later section on DDA):

- Block address engraved on panel
- Logo engraving on panel
- Raster™ Braille
- High visibility yellow button bezels
- Colour video camera
- Proximity access reader
- Surface stainless steel backbox option for compact panel

ENTRANCE PANEL STYLES

- Compact panel has rounded edges top and bottom
- Mitred Bezel panel has square edges top and bottom and comes complete with a backbox incorporating a bezel surrounding the faceplate to offer an additional degree of protection
- Functional panels have an individual call button for each handset on the system. Each button is identified by the engraving on the faceplate. A maximum of 20 buttons can be fitted onto a faceplate (15 if Braille is added)
- Digital panels incorporate a call button. Flat addresses of up to 4 digits can be entered before the call button is pressed to call the required handset. This allows single entrance panels to call up to a maximum of 255 handsets

Functional Entrance Panels



Functional Compact



Functional Mitred

Digital Entrance Panels



Digital Compact



Digital Mitred

DDA Entrance Panels



Yellow Bezel Option

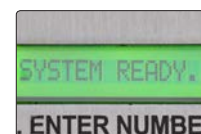


Bezel and Braille Option

Entrance Panel Features



Camera



LCD Display



Token Reader



Raster™ Braille



Raised Symbol on Lexan



Raised Pip on Button

GDX5 Handset & Apartment Station Range

The handset range has recently been completely redesigned to provide a sleek, modern look and feel which combined with a new high quality gloss finish make it suitable for installation into any environment.

AUDIO HANDSET FEATURES:

- Attractive and sleek modern design in UL rated high gloss finish
- Available in 2 Button (Enter & Privacy) and 3 Button (Enter, Privacy & Concierge) Models
- Large 20mm LED illuminated buttons for DDA compliance
- Raised tactile buttons with bell symbol which lights up green when called and red when on privacy
- Raised tactile button with key symbol which will light up red and flash on and off to indicate door open
- LED indication of door left open alarm
- Key shape mounting hole at top of handset rear for ease of install
- Engineer adjustable ring tone volume as standard

VIDEO HANDSET FEATURES:

- Attractive and sleek modern design in UL rated high gloss finish
- Available in 2 Button (Enter & Privacy) and 3 Button (Enter, Privacy & Concierge) Models
- Large 20mm LED illuminated buttons for DDA compliance
- Raised tactile buttons with bell symbol which lights up green when called and red when on privacy
- Raised tactile button with key symbol which will light up red and flash on and off to indicate door open
- LED indication of door left open alarm
- 4" Colour TFT monitor which provides high definition full colour and wide angle viewing image
- Engineer adjustable ring tone volume as standard
- Colour and brightness adjustment controls to suit the handset environment
- Key shape mounting hole at top of handset rear for ease of install
- Standard CW1308 twisted pair cable for video signal up to 50m
- Alarm input monitoring as standard on 3 button video handset
- Camera scroll option as standard on 3 button handset

APARTMENT STATION FEATURES:

- Attractive modern design in UL rated high gloss finish
- Handsfree Speech Unit
- Available in 3 Button (Enter, Privacy & Concierge/Accept) Model
- Green LED indication when unit is called
- Red LED indication when unit is in privacy mode
- Red LED indication of door left open alarm
- Facility for remote button operation with pendants, footswitches, remote control etc
- Key shape mounting hole at top of handset rear for ease of install

OPTIONAL FEATURES:

- Inductive coupler within handset handpiece for use with "T" position on Hearing Aids
- Alarm input monitoring on 3 button audio handset

Illuminated Tactile Handset Buttons



Privacy On



Handset Called



Lock Released / Door Alarm

Audio Handsets

23121 2 Button



23121/02 3 Button



Video Handsets

123018 2 Button



123016 3 Button



Apartment Stations

123510 Audio

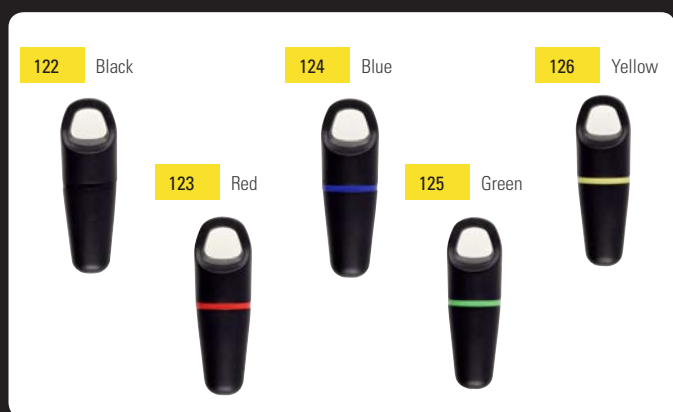


123530 Video



GDX5 Proximity Access Token Fob Ranges

The Stanley and PAC token fob ranges are also fully compliant for use with the PAC range of access control equipment that can be incorporated within the GDX5 range of Door Entry equipment.



GDX offer 3 ranges of non-contact proximity access token fobs that are fully compliant with the Indigo Access Control technology integrated within the GDX5 range of Door Entry equipment.

STANLEY® Token Fobs

- Can be used with GDX5 Indigo or PAC Access Controllers
- Uses PAC (153KHz) proximity technology
- Easy to use, non contact proximity door reader technology
- Each token has a unique ID code
- Constructed from durable and tough UL Rated ABS Plastic which is double sealed and ultrasonically welded
- Lifetime guarantee against electronic failure
- Choice of distinct colours for ease of identification
- H: 60 x W: 33 x D: 6mm
- Token electronics fully encapsulated for the ultimate in protection and robust operation in all environments
- Exceptionally high IP rating of IP67 due to the encapsulation and construction used to protect against moisture and dust ingress
- Robust metal eyelet incorporated into token for easy fit onto a keyring
- No batteries required within the token

PAC® Token Fobs

- Can be used with GDX5 Indigo or PAC Access Controllers
- Uses PAC (153KHz) proximity technology
- Easy to use, non contact proximity door reader technology
- Each token has a unique ID code
- Constructed from durable and tough UL Rated ABS Plastic which is double sealed and ultrasonically welded
- Lifetime guarantee against electronic failure
- Choice of distinct coloured clips for ease of identification
- H: 60 x W: 33 x D: 5.5mm
- Token electronics fully encapsulated for the ultimate in protection and robust operation in all environments
- Exceptionally high IP rating of IP67 due to the encapsulation and construction used to protect against moisture and dust ingress
- Robust metal eyelet incorporated into token for easy fit onto a key-ring
- No batteries required within the token

Indigo™ Token Fobs

- Can be used with GDX5 Indigo but not PAC Access Controllers
- Each token has a unique ID code
- Constructed from durable and tough UL Rated ABS Plastic
- Lifetime guarantee against electronic failure
- Choice of colour banded tokens for ease of identification
- Token electronics fully encapsulated for the ultimate in protection and robust operation in all environments
- H:40mm x W:12mm x D:6mm
- Exceptionally high IP rating due to the encapsulation and construction used to protect against moisture and dust ingress
- Easy fitted onto a keyring
- No batteries required within the token

GDX5 PAC Proximity Access Control Options

As part of the Stanley Security Products portfolio GDX can offer the market leading range of PAC proximity Access Control controllers fitted within the GDX5 range of Door Entry equipment.

The utilisation of a single enclosure for both door entry and access control equipment reduces the required installation footprints and installation costs due to a reduction in cable containment and the provision of only a single mains supply for all installed equipment.

We have selected the most popular of PAC's controllers for inclusion directly within the GDX door entry control equipment to offer a market beating solution for the convenience of our installers.

PAC CONTROLLERS AVAILABLE:

- EasiKey 250
- PAC512
- PAC512IP
- iPAC

GDX5 DOOR ENTRY CONTROLLERS OPTIONS INCLUDED:

- GDX5 8 or 16 Way Lite Low Rise Audio Control Rack
- GDX5 8 or 16 Way Lite Low Rise Video Control Rack
- GDX5 8 or 16 Way Full Low Rise Audio Control Rack
- GDX5 8 or 16 Way Full Low Rise Video Control Rack

ENCLOSURES AND POWER SUPPLY RATINGS:

- Enclosure Sizes may differ from the standard GDX5 Door Entry control rack enclosures
- Power supply ratings may differ from the standard GDX5 Door Entry control rack specifications
- Please contact GDX Sales for assistance and further information



Typical GDX5 control rack with PAC controller fitted

22370

Easikey 250 Controller



- 2 Doors
- 3 Master Tokens
- 250 User Tokens
- Administered Locally

Residential PAC 512 Controller

21072 v2.6

20055 v3.2 (incl. v3.1 or later)



- 2 Doors
- 75,000 User Tokens
- RS485 & RS232 Communication Ports
- Administered Remotely

20155

PAC 512 IP Controller



- 2 Doors
- 75,000 User Tokens
- Built-in 1-/100 Mbps Ethernet connection
- RS485 & RS232 Communication Ports
- Administered Remotely

20245

iPAC Controller



- 2 Doors
- 100 Master Tokens
- 1,100 User Tokens
- Built-in 1-/100 Mbps Ethernet connection
- Built-in Web Browser
- Administered Locally or remotely

GDX5 Door Entry Ancillaries Range

Flush Fireman's Switch

110019 H&C No7 Key



- 2.5mm stainless steel faceplate c/w security screws
- Flush mounted backbox
- 2.5mm stainless steel flange on backbox

110027 Drop Leaf Key

110025 Surface Fireman's Switch (Drop Leaf Key)



- 2.5mm stainless steel faceplate c/w security screws
- Surface mounted stainless steel backbox

23002 Push To Exit



- Single gang 2.5mm stainless steel flush mounting plate
- 25 mm IP68 sealed stainless steel button
- Double pole change over switch

23003 DDA Push To Exit



- Single gang 2.5mm stainless steel flush mounting plate
- 25 mm IP68 sealed stainless steel button
- DDA compliant engraved yellow ring around button
- Double pole change over switch

23000 Architrave Push To Exit



- Stainless steel flush mounting plate
- 20 mm IP66 sealed stainless steel button
- Double pole change over switch

GDX PAC VR Readers

123014 Flanged Yellow / Black



123005 Yellow / Black

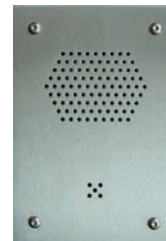


123015 Flanged Blue / Grey

123006 Blue / Grey

- 2.5mm stainless steel faceplate c/w security screws
- Flush mounted backbox
- Tactile raised symbol on reader lexan for DDA compliance

23120 GDX5 Audio Intercom Unit



- Typically for use in lifts, foyers or communal areas
- 2.5mm thick stainless steel flush mounting plate c/w security screws and galvanized steel backbox
- Surface mount stainless steel backbox option available
- Call button option for concierge alert facility

Handset Extension Sounder & Beacons



- Manufactured from high quality UL rated ABS plastic
- Connects directly onto GDX audio and video handsets with no requirement for additional control rack cabling
- H: 90 mm x W: 90 mm x D: 25mm

24100 Master Beacon / Extension Sounder

- Combined high visibility LED beacon and sounder
- User adjustable volume control
- Drives a maximum of 3 slave beacons
- Maximum of 1 extension sounder per handset

24110 Slave Beacon

- High visibility LED beacon
- Connects directly into a Master Beacon

24120 Extension Sounder

- Extension call alert sounder
- User adjustable volume control
- Maximum of 1 extension sounder per handset

Standalone Indigo Proximity Access Range

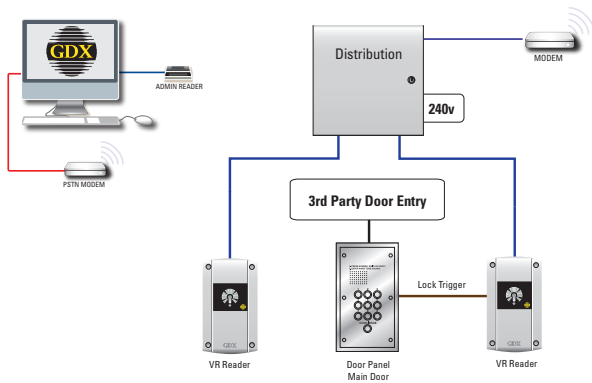
Proximity access token fobs provide ease of access to blocks for residents and authorised personnel whilst restricting access to areas such as communal work areas or car park barriers. Lost keys are easily deleted or replaced without the need to replace expensive door locks thereby offering a valuable ROI from reduced maintenance and administration costs.

Within the GDX5 range there are three available options for the provision of proximity token access facilities (The Integrated Indigo and PAC options are covered in more detail on Pages 9 and 13 of this catalogue):

- Indigo integrated within GDX5 Door Entry
- PAC integrated within GDX5 Door Entry
- Standalone Indigo Proximity Access

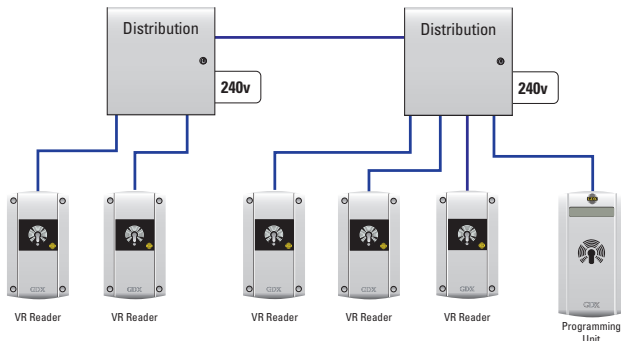
The Indigo standalone range allows for the easy addition of proximity access facilities onto existing audio door entry systems whether GDX or other manufacturers without the need to replace the existing door entry equipment.

TYPICAL RESIDENTIAL INDIGO PROXIMITY ACCESS LAYOUT



The Indigo standalone range also offers an ideal solution when only proximity access control is required without any audio door entry. The on-site programming unit allows the user administration of proximity fobs on site and removes any requirement for qualified personnel to access electrical control equipment to administer fobs.

TYPICAL STANDALONE INDIGO PROXIMITY ACCESS LAYOUT



Alternatively, with the addition of an interface unit (GSM or IP), this flexibility allows the same GDX5 central administration platform to be utilised for administering all of your proximity access control and audio door entry stock. This administration can be carried out on either a hardwired or on a remote connectivity basis over the mobile GSM network.

133 Programming Unit



138 Internal Reader Controller

- White ABS Plastic
- Internal use only
- 1000 tokens per programming unit
- Backlit LCD
- Can be used to program up to 40 readers per system
- H: 165mm x W: 90 mm x D: 17 mm

The 133 programming unit is for administering tokens for part no's 131 and 151. The 138 internal reader controller can be used for both administering tokens for Part no's 131 and 151 and as a door reader controlling a lock release itself.

131 Surface VR Reader

151 Flush VR Reader

135 Slave Surface VR Reader

155 Slave Flush VR Reader



- Connect directly into a GDX5 door entry system without the need for any additional proximity access controllers
- Available as slave version for read-in / read-out operation

129 3 Amp Distribution

129/02 3 Amp Distribution & Timeclock Module

129/01 7 Amp Distribution

129/03 7 Amp Distribution & Timeclock Module



- Provides power and distribution for adding 4 additional VR readers onto a GDX5 Door Entry system
- Fused outputs for 4 VR readers and locks
- Available with 3A or 7A PSU
- Single lock sheet metal steel enclosure (H: 350 mm x W: 350 mm x D: 100 mm)

Remote Interface

25740 GSM Interface

25700 IP Interface



Allows remote administration of proximity access fobs from PC based GDX5 Token Administration Software

- H: 235mm x W: 145mm x D: 50mm

GDX5 Concierge Central Control Software

OVERVIEW

The GDX5 Concierge Central Control software allows full control of the GDX5 Door Entry system by providing control and administration of all functionality within the door entry and access control systems installed within the residential blocks.

MULTIPLE OPERATOR WORKSTATIONS

If required, multiple operator workstations can be located in several locations either on or off site. As the software is Microsoft® Windows® PC operating system based this allows for standard networking implementations to be utilised to do so. Connection can be made via a variety of options including local or wide area networks, wireless links, ADSL connections or fibre-optic backbones.

TENANT RECORD & PROXIMITY TOKEN ADMINISTRATION

The software allows various fields of tenant information to be recorded within it that are automatically displayed on the operator screens when calls are made or received. It can also be utilised for the central administration of proximity access token fobs issued to tenants within the blocks. The solution does however offer a major advantage over virtually all other systems on the market in that it utilises **a single database record for both tenant and token information together** rather than separate databases created by interfacing two different door entry and access control packages together.

This truly integrated solution offers administration of both tenant and token information from a single database record for each dwelling as opposed to attempting to maintain two separate records – thereby removing the possibility of two different unsynchronised records as well as saving time in maintaining records on a day to day basis.

SOFTWARE FUNCTIONALITY

The software is user friendly and intuitive to use as it is designed with layout and menu operation similar to most Windows® environment software - so no special training is required other than basic operator skills. Various levels of user permission can be setup within the concierge software to restrict by operator password access to functionality such as for example:

- Operator door entry call control
- Proximity token access administration
- Tenant record administration
- Engineering control

DOOR ENTRY CALL CONTROL

The software permits either full intercept control of all system audio calls (Control Mode) or simply the monitoring of calls without intervention (Monitor Mode). This mode is selectable on a block by block or even dwelling by dwelling basis. The following can be controlled or monitored:

- Door to dwelling calls
- Door to concierge call
- Concierge to dwelling calls
- Dwelling to concierge callback requests
- PA audio Intercoms within communal areas such as lifts or foyers

ALARM MONITORING FACILITIES

The software also allows for the live monitoring of common area and dwelling alarm inputs that can be utilised for as examples:

- Smoke, Panic, Temperature and Hypothermia alarms
- Security contacts
- Stair lighting, boiler failure, water overflow and lift failure alarms

EVENT LOGGING & ARCHIVING

All system events are logged by the software allowing the capture and time stamping of all events such as for example:

- Door entry call traffic
- Proximity token access usage
- Alarm events
- Concierge operator event handling

The software comes with a series of standard prewritten reports for the analysis of these logged system events, such as the following report examples:

- Door calls to particular flats
- Proximity Token usage
- Dwelling to concierge callback requests

These event logs or event reports can be printed off or electronically archived if required for a permanent record.

SYSTEM DIAGNOSTICS

Remote engineering system diagnostics can be performed from the central software to assist in preventative maintenance and the identification of any system issues within the remote blocks. This will assist engineering maintenance staff and reduce any system maintenance costs and downtimes.

ADDITIONAL SYSTEM OPTIONS

There are several additional options that can be incorporated into the overall system design to provide additional capacity or ease of use:

- The addition of a Touchscreen monitor to the operator workstation allows for greater operator freedom
- Additional operator workstations can be added either on-site or remotely for large sites or to allow flexible operator shift patterns
- An administration workstation can be added either on-site or remotely for updating tenant records, running event reports and controlling the issuing of proximity access token fobs



Typical GDX5 Concierge Control Screen

Events requiring action automatically appear along with an audible alert and flashing icon

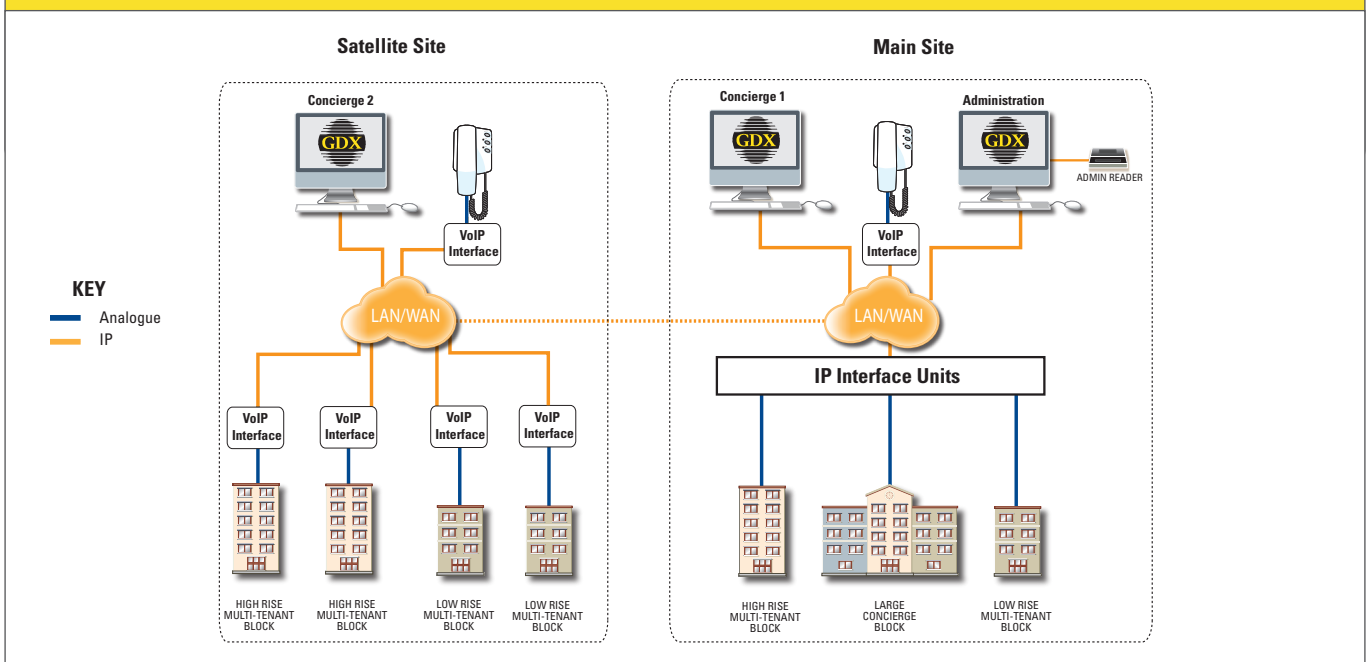
Select any area, door, intercom or telephone handset as required to initiate call

The screenshot displays a software interface for a concierge control system. On the left, there is a vertical menu with buttons: Select, Cancel, Hold, Ring Telephone, Connect Door To Telephone, Remove Privacy, Call Door, Call Intercom, Auxiliary Outputs, and Log Off. The main area shows a list of events with timestamps and descriptions, such as '26/08/11 15:03:55 GDX Court Door 3 Calling Control'. Below the event list is a table with fields for Telephone, Token Number, Surname, Forename, Relationship, Emergency Contact, Doctor, and Car Registration. A text box for 'Additional Information' contains 'Meals on wheels every weekday'. On the right, there are dropdown menus for Area (GDX Court), Door (Door 3), and Intercom (Intercom 1), along with buttons for Previous, Next, and Open. A numeric keypad is also present. At the bottom, a status bar shows 'Workstation 0', 'Channel -', 'Socket Ready', 'Control Call From Door Waiting', and the date/time '26/08/2011 03:04 pm'.

Active call details displayed automatically to allow visitor verification procedure by staff

All event transactions displayed, logged and archived

TYPICAL CONCIERGE LAYOUT CONTROLLING AUDIO & TOKEN ACCESS



GDX5 Token Administration Control Software

OVERVIEW

Within the GDX5 Concierge Central Control software package there is the facility to centrally administer proximity access token fobs issued to the tenants within the blocks. This can be used in conjunction with the full concierge audio control monitoring facility to monitor the door entry system or it can be used simply to provide cost effective remote administration of the integrated Indigo proximity token access fobs within the blocks.



TENANT RECORD & PROXIMITY TOKEN ADMINISTRATION

The solution offers a major advantage over virtually all other systems on the market in that it utilises **a single database record for both tenant and token information together** rather than separate databases created by interfacing two different door entry and access control packages together.

This truly integrated solution offers administration of both tenant and token information from a single database record for each dwelling as opposed to attempting to maintain two separate records – thereby removing the possibility of two different unsynchronised records as well as saving time in maintaining records on a day to day basis.

The database is constructed to match the required layout of the specific site. Token fobs issued are recorded against the dwelling they are issued to and multiple tenant records can be created within each dwelling to identify which tenant within the dwelling a particular token has been issued to. When combined with the use of coloured coded tokens that can also be logged within the tenant record this provides an extremely effective method of controlling and identifying issued token fobs.

Database fields are provided to allow the creation of detailed tenant record databases to assist concierge or housing staff. These fields include the following:

- Surname
- Forename
- Relationship
- Emergency Contact
- Doctor's Details
- Car Registration
- Additional Information
- Confidential Information
- Token Colour Identifier



SOFTWARE FUNCTIONALITY

The software is user friendly and intuitive to use. Various levels of user permission can be setup within the software to restrict by operator password access to different functionality.

Within the token administration software the following functionality is provided:

- Add user tokens remotely as required
- Delete user tokens remotely as required
- Create access groups covering multiple blocks to assign to user tokens to save repeat token additions
- Add Staff tokens covering one, several or all blocks
- Ability to "Tag" individual tokens to alert the concierge of their use without blocking the access rights of the token
- Ability to mark "Missing" individual tokens to alert the concierge of their use whilst blocking the access rights of the token
- Ability to search for particular tokens within database records if found and handed in to identify the token owner

EVENT LOGGING & ARCHIVING

Token access proximity usage can be logged by the software allowing the recording and time stamping of all events. This will be possible on a live basis if on permanent data connection or remotely for later retrieval if required if on dial-up data connection.

The software comes with a series of standard pre-written reports for the analysis of these logged system events, such as the following report examples:

- Reports on overall proximity token usage
- Reports on specific proximity token usage
- Reports to identify "Unused Tokens" over a specified period of time

These event logs or event reports can be printed off or electronically archived if required for a permanent record.

PERMANENT CONNECTION

When used in conjunction with full concierge facilities a permanent connection to the blocks allows the live administration of token access fobs as required. This permanent connection also facilitates the logging of all token access events for later analysis if required.

DIAL-UP CONNECTION

When used for remote administration without a permanent connection then dialling in by GSM modem to specific blocks facilitates the download of proximity token updates to the remote blocks as required. This also allows the selective upload of stored event transactions from a remote block for analysis if for instance there is an incident within the block.

Typical GDX5 Token Administration Screen

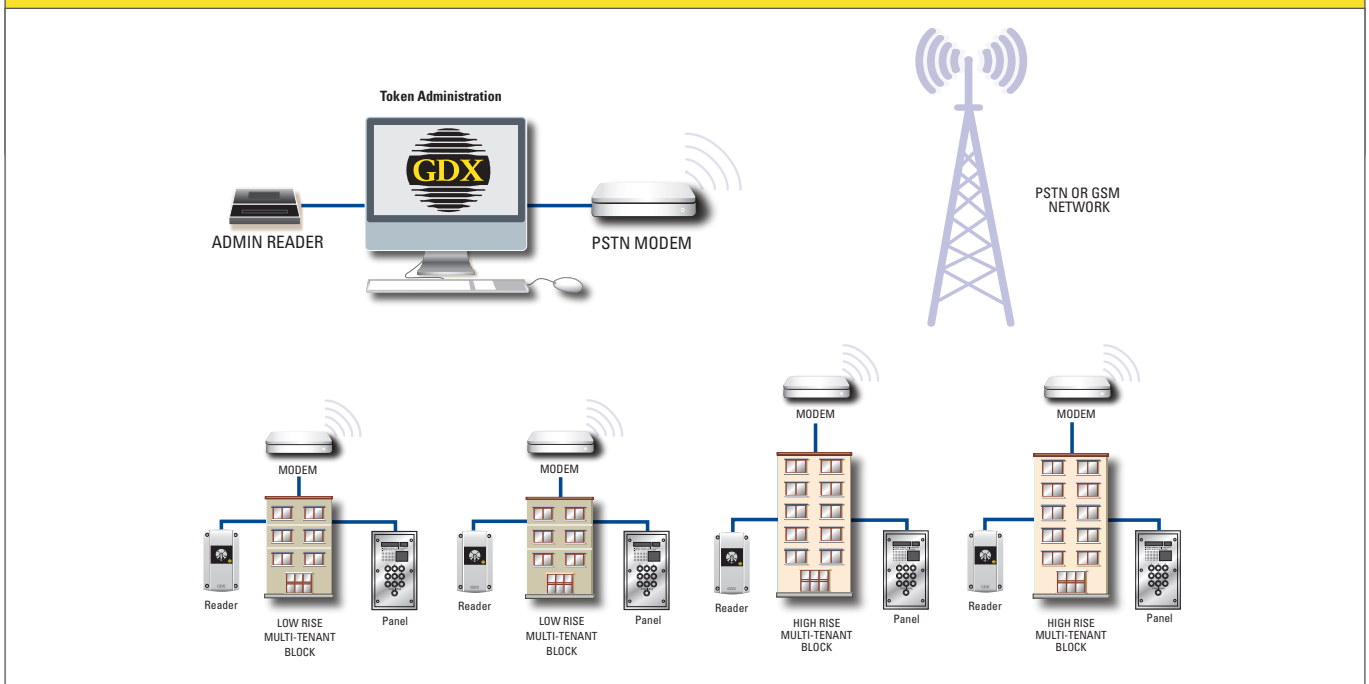
Select area and dwelling telephone number to store token against for ease of reference

Enter tenant details against each token issued

Multiple tenant token records can be allocated against each dwelling

Additional fields for extra information – that can be restricted according to operator privileges

TYPICAL GSM ADMINISTRATION LAYOUT ADMINISTERING TOKEN ACCESS





Numbering

Each entrance panel and linecard on a system needs to have a unique number identifying it. Entrance panels start at Door Number 0 and the linecards also start at Linecard 0. So a system with two entrance panels and three linecards will have a Door 0, Door 1, Linecard 0, Linecard 1 and Linecard 2.

Indigo stand-alone readers are numbered as Doors. For proper operation of the Indigo reader the system must have an entrance panel or stand-alone reader numbered as Door 0.

Audio channels start at Audio Channel 1. On a lite system only two audio channels are available (Channels 1 and 2). On a full system there are seven audio channels available (Channels 1 to 7).

CAN Connections and Balancing

For communication between various parts of the system a 2 wire serial data bus (CAN) is used. Each part of the system will have a CANH and a CANL connections. There is no cross in these connections and CANH wires directly to CANH and CANL wires directly to CANL. To balance the CAN bus two header termination links must be fitted. These are normally fitted on the first entrance panel (Door 0) and the first linecard (Linecard 0) on the system. A balanced CAN bus will measure approximately 60 ohms across the CANH and CANL connections on any part of the system when powered down. COMMS errors can occur if there are not two termination links installed.

Audio Connections

Audio channels on a GDX5 system consist of 4 wire audio (TX+, TX-, RX+, RX-). Between entrance panels, high rise exchanges, low rise controllers and landing junction boxes the wiring is the same for each audio channel. The audio cabling is crossed as follows:

TX+ connects to RX+

TX- connects to RX-

RX+ connects to TX+

RX- connects to TX-

The audio wiring should use appropriate CW1308 cable with 2 pairs of the cable assigned to each audio channel. The cable normally includes a pair for the CAN connections.

Audio Handset Connections

Between a linecard and an audio handset connect terminals 1,2,3,4 on the appropriate linecard port directly to terminals 1,2,3,4 on the handset using 3 pair CW1308 cable. The maximum distance the handset can be from the linecard is 50 metres.

Video Handset Connections

Two separate 3 pair CW1308 cables should be used for a video handset. One for the audio side, which should be wired into the linecard as per an audio only handset. The second cable is used to power and supply a video signal to the handset and runs from the Video Switching Card. The connections are one to one and are 15V, 0V, Video Signal+ and Video Signal-. On long cable or noisy environments a coaxial cable could be used to run the video signals.

Slave Handset Connection

A parallel slave handset can be added onto a main handset. Remove the links LK1 and LK2 in the slave handset only and connect wires 1,2,3,4 and "EXT PRIV+" between the two handsets.

Only one parallel slave handset can be added per main handset. A main video handset cannot have a slave video handset but can have a slave audio handset.

Combined Beacon Sounder Connections

A combined beacon sounder unit can be wired into a GDX5 handset by connecting wires 3, 4, TR and EXT SND between them using CW1308 cable.

Changing Entrance Panel Settings

Various settings including door and audio channel numbering, service times, time and date settings, etc. can be altered at the GDX5 entrance panel. These settings can be displayed and changed by way of the four small buttons visible through the hole in the plastic carrier - which are reached by removing the entrance panel button faceplate. These four buttons - from the left hand side have the following functions - Settings Display, Increment Setting, Decrement Setting, Enter New Setting. Pressing the Settings Display button repeatedly will bring up each setting in turn. Before any setting can be changed a security link must be moved before the Increment, Decrement or Enter buttons can be used - link PG10 should always normally sit in the position labeled SP (Settings Protect) - to adjust any settings move this link into the position labeled SE (Settings Enable). This link change will then allow the Increment and Decrement buttons to vary the setting - pressing the Enter button will save the new setting. This new setting will not be saved until the Enter button has been pressed. The settings routine will time out 8 seconds after the last button press. Panel operation will not return to normal until the security link has been replaced again to secure the settings again.

Linecard Settings

Linecard settings including privacy time settings can be changed in a similar way to the entrance panels using the four small buttons immediately below the LCD display. Again to allow changes to the settings a link (LK6) has to be moved from the PROTECT to the ENABLE setting. Make sure the link is returned to the ENABLE position once changes have been made.

Indigo Entrance Panel Adding A Token

Present an editor token to the panel reader and "EDIT ADD MODE" will be displayed on the LCD. Press any button on the panel and the first available token location will be displayed in the format "0017 : -----". Present the token to be added to the panel reader and the token ID will be displayed on the LCD, the token will be added and the next available token location will be displayed automatically. Continue adding tokens as required by presenting them to the panel reader. When all tokens required have been added, present the editor token to the panel reader again to exit from editor mode. A count of the tokens stored in the controller will be displayed automatically as the controller exits from editor mode.



GDX5 Lite System

A non-concierge range of GDX5 equipment that offers a maximum of 2 audio channels within the system.

GDX5 Full System

Concierge compatible range of GDX5 equipment that offers a maximum of 7 audio channels within the system as well as the flexibility to configure additional sub-landing or deck entrance panels into the system architecture.

Low Rise Control Unit (LRC)

A Low Rise Control Unit (LRC) is the basic building block of a GDX5 system. A single enclosure containing all of the required power, distribution and terminations for connecting together Entrance Panels and Handsets. Available in a variety of sizes up to a maximum of 32 handsets. Requires a mains supply.

High Rise Control Units (HRC)

A High Rise Control Unit (HRC) allows systems to be constructed above the 32 handset limit of an LRC or LJB by allowing the connection together of more than one LRC or LJB. Contains the required power, distribution and terminations for connection together Entrance Panels and multiple LRC's or LJB's. Requires a mains supply.

Landing Junction Box (LJB)

A Landing Junction Box (LJB) is used in conjunction with an HRC to build up a system of up to 255 handsets. Powered from an HRC it contains all of the required power, distribution and terminations for connecting handsets. Available in a variety of sizes up to a maximum of 32 handsets. If sub-landing or deck entrance panel operation is required an LRC rather than an LJB must be used with local mains powering.

Functional Entrance Panel

An entrance panel that has an individual button to call each handset within the system. Each button is identified by the engraving on the entrance panel faceplate. A maximum of 20 buttons can be fitted onto a functional entrance panel (15 if Braille is added).

Digital Entrance Panel

An entrance panel that incorporates a call button. Flat addresses of up to 4 digits can be entered before the call button is pressed to call the required handset. This allows single entrance panels to call up to a maximum of 255 handsets.

Linecard

Card which switches audio from an entrance panel or a concierge to the appropriate connected handset

Compact & Mitred Bezel Entrance Panels

Two different styles of entrance panel appearance. The Compact panel has rounded edges top and bottom and does not offer a mitred bezel edge on the backbox surrounding the faceplate. The Mitred Bezel panel has square edges top and bottom and comes complete with a backbox incorporating a mitred bezel surrounding the faceplate to offer an additional degree of protection.

Audio Channels

The GDX5 control equipment is extremely flexible in terms of how the audio switching paths within it can be factory configured. The term Audio Channels is used to denote the number of simultaneous audio conversations that can be configured within the equipment at any one time. These audio channels can be used for either Entrance Panel or Concierge audio conversations within the GDX5 system and are programmed and fixed as a factory option.

CAN Data Bus

The GDX5 system uses a 2 wire digital databus technology known as Controller Area Network (CAN) to communicate between the various control cards within the system. Each of these control cards are factory programmed with a unique card address to facilitate this communication.

GDX5 Indigo Proximity Token Range

Many door entry systems require an access control facility. The GDX Indigo range can be integrated directly into our GDX5 door entry equipment to provide this access control functionality. The range consists of Entrance Panels with built in access control, Stand-Alone Readers, Programming Units and a range of tokens. The system is capable of taking up to 1000 tokens and can be administered from Entrance Panels, Programming Units or remotely via the GDX5 Concierge System.

GDX5 Concierge System

This is a PC controlled system running the GDX NET CONCIERGE software package. It is designed to interface with the GDX5 door entry system over a TCP/IP Ethernet network and provides control and monitoring capabilities for the system. It provides the following:

- Audio concierge facilities
- Access control token management
- Alarm monitoring
- Reporting
- Remote hardware diagnostics

The system can also be configured to run over the GSM mobile phone network but does not provide the audio concierge and alarm monitoring capabilities.

Equality Act / Disability Discrimination Act (DDA) Information

Legislation

Equality legislation has been in place in the UK since the mid-1970's. Over time the laws have become more complex as our understanding of what's meant by equality has become more sophisticated.

From 1 October 2010, the Equality Act replaced most of the Disability Discrimination Act (DDA) and is a vital piece of legislation to bear in mind when specifying products for buildings. However the Disability Equality Duty in the DDA continues to apply.

The legislation stipulates that a disabled person cannot be restricted from gaining access to a site to obtain 'goods or services'. This includes people who use wheelchairs, blind and partially sighted people, deaf people, people with arthritis, people with long-term illnesses and people with learning disabilities. This obviously has an impact on the installation of new and existing Access Control Systems and these issues need to be considered at any Public building.

Implementation

In the case of disability employers and service providers are under a duty to make reasonable adjustments to their premises to overcome barriers experienced by disabled people.

Problems and solutions vary from business to business. The law says you can make the alterations in four ways:

- Remove the barrier or obstacle
- Altering such as adding a ramp, clearer signage, counter/reception heights altered etc.
- Find a means of avoiding the problem - for example, reconfiguring the internal layout of a building
- Providing a service or access by reasonable alternative means, offering a home service, installing call bells at approved heights, adjusting door opening strengths etc.

What is reasonable will depend on all the circumstances, including the cost of an adjustment, the potential benefit it might bring to others (ramps and automatic doors for instance benefit those with small children or heavy luggage), the resources an organisation has and how practical the changes are. An inexhaustive list of factors that might be taken into account in consideration of what is reasonable would be:

- Whether taking any particular steps would be effective in overcoming the difficulty that disabled people face in accessing the services in question
- The extent to which it is practicable for the service provider to take the steps
- The financial and other costs of making the adjustment
- The extent of any disruption which taking the steps would cause
- The extent of the service provider's financial and other resources
- The amount of any resources already spent on making adjustments
- The availability of financial or other assistance

Summary

The legislation does not require the adoption of any one particular way of meeting obligations to disabled users. The focus of the legislation is on results. The aim is to make services accessible to disabled people or to ensure that a disabled person is not at any substantial disadvantage. Taking positive steps to improve accessibility mitigates these risks and can create real benefit. The legislation does not prescribe what approach the service provider should use. However, the Disability Rights Commission (DRC) believes that good practice and the most sensible approach will be to remove or alter the physical barrier to the service wherever this is possible. This is undoubtedly the most effective long term solution for both the service provider and disabled people. As always with such complex and ever changing legislation it is essential to seek professional advice from the appropriate bodies on the interpretation of requirements to ensure full compliance.

In order to assist with Equality Act / DDA legislation compliance the GDX5 range of equipment can be supplied with the following enhancements to assist with system operation for those with disabilities.

Yellow Button Bezels (Option)

As an additional aid to the partially sighted the entrance panel buttons can incorporate a bright yellow bezel around each button to make it more highly visible. On Digital Panels the No.5 button can also include a "raised pip" to allow keypad layout to be easily followed.



Raster™ Braille (Option)

Entrance panels can incorporate Raster Braille for all buttons and block addresses engraved on the entrance panel.

Raster Braille is a patented technology for producing braille signage using perfectly rounded domed Braille dots that complies with all of the latest standards.

Traditionally routed Braille on steel entrance panels does not in all cases comply with all of the latest legislation due to the proximity of the steel edges to the Braille itself.



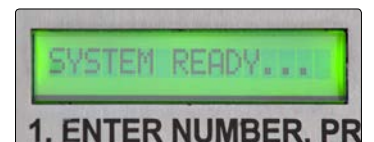
Raised Symbol On Lexan (Standard)

As an aid to the partially sighted the vandal resistant lexan covering the proximity reader incorporates a tactile raised symbol to allow easy identification of where to present token fobs to gain access to the building.



Backlit LCD On Entrance Panel (Standard)

As an aid to the hard of hearing all GDX5 Entrance Panels include a backlit LCD to provide user notification and guidance of each step of the process whilst in use.



The following system ancillaries can also be provided for incorporation within the GDX5 system to improve the system accessibility for those with disabilities.

- Extension Sounders For The Hard of Hearing
- Flashing Beacons For The Hard of Hearing
- Inductive Coupler Within Handset Handpiece For Use With "T" Position On Hearing Aids

Please see page 14 for details of ancillaries

Customer Services, Training and Support

Customer Services

The GDX Customer Services Team are committed to providing a first class Service. We understand how important it is to handle your day to day requirements with speed, efficiency and accuracy. Please do not hesitate to contact us if there is anything we can do to assist you.



Customer Services

GDX, 61-63 Back Sneddon Street, Paisley, Scotland, PA3 2DD

Tel : +44 (0)141 889 8800 - Option 1

Fax : +44 (0)161 406 8984 +44 (0)141 889 2838

Email : customerservices@stanleysecurityproducts.co.uk

Web : www.stanleysecurityproducts.co.uk

Lines are open Monday – Friday 8.30am to 5.30pm (GMT), excluding UK Public Holidays

Technical Support

The GDX Technical Support team are highly trained in all aspects of the GDX product range and are committed to providing the highest level of technical support to our dealers and installers.



Technical Support

Tel : +44 (0)141 889 8800 - Option 2

Product Knowledge Database

A searchable knowledge base including technical bulletins, manuals and frequently asked questions is available at www.stanleysecurityproducts.co.uk/support

Design Support Services

The GDX range has been developed to provide flexible solutions across a wide range of applications and can therefore offer a versatile solution to meeting your own particular security requirements and needs.

In support of this GDX offer a full range of design support services to our customers and approved installers. We have an extremely experienced sales and support team based in locations throughout the UK who are available to offer no obligation support, help and advice in all aspects of the following:



- Pre –sales System Design
- Tender and Specification Support
- Technical and Site Survey Support

As the flexibility of the GDX range offers many ways to achieve what may seem like a demanding specification we would actively encourage you to seek advice and assistance from us and we would be delighted to have the opportunity to provide this to you.

If you do wish to discuss your requirements on any matter related to the GDX product range please contact Customer Services to request contact details for the local support representative in your area.

Full information on the GDX and other Stanley Security Products ranges is available online at the following web address:
www.stanleysecurityproducts.co.uk

Technical Training

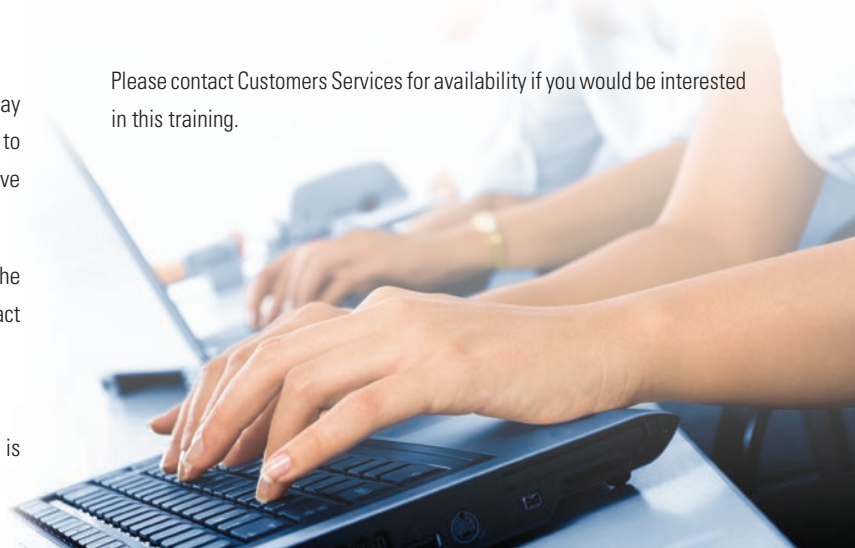
GDX are committed to providing technical training to ensure all installation and maintenance engineers employed by our approved dealers and installers are competent and confident in working with the GDX range of equipment.



Based at our facility in Paisley we offer courses that can be tailored to suit the requirements of the individual dealer or installer – ranging from an overview of the basic GDX equipment to a more in-depth look at the GDX range of networked and PC based systems.

All of our courses offer practical, hands-on technical experience with the various ranges of equipment and are not limited to theoretical overviews.

Please contact Customers Services for availability if you would be interested in this training.



STANLEY[®]

Security Products

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Stanley Security Products is a sales channel of Stanley Security Solutions Ltd

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