SARGENT®

Profile Series v.G1

Stand Alone Access Control Products

HID
HID CORPORATION

An ASSA ABLOY Group company

ASSA ABLOY

Profile Series v.G1
Stand-Alone Access Control Products

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1-800-727-5477
www.sargentlock.com

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SARGENT will continue to offer the Profile LU, PK & PA Series (500 user/1000 audit) to facilities with existing Profile Series product. For additional information please see page 12.

ELECTRO Lynx™

Hardwiring Made Easy™

As part of their promise to provide innovative, fast and effective, and higher security solutions to their customers, ASSA ABLOY Group companies offer ElectroLynx, a universal quick-connect system that simplifies the electrification of the door opening.

ElectroLynx™ is a registered trademark of ASSA ABLOY North America, Inc.

On the Cover

Mortise Lock 8277 PKL

Profile Series v.G1
Stand-Alone Access Control Products
Overview G1-LU, G1-PK and G1-PA Series

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Overview

The Profile Series v.G1 of stand-alone access control products provide the user with a broad selection of technologies, features and mechanical locking means housed in a sleek, architecturally pleasing design. From the basic keypad programmed LK Series to the full-featured G1-TP Series, programmed via PDA data transfer, all units utilize a battery powered microprocessor based controller with non-volatile memory to preserve user coding. All technology features are supported by the physical security of a SARGENT ANSI Grade 1 mechanical locking device: mortise, bored or exit. These locking devices allow for electronic control over the optimum mechanical lock and are UL Listed for use on fire doors. Trims and finishes are identical among the various technology offerings (G1-LU, G1-PA, G1-PK, G1-TU, G1-TA, G1-TP) to be combined in a cost effective continuity of design.

All technologies with a keypad feature user codes that can vary from 1 to 6 digits and utilize a master code to program the lock with a variety of modes. These modes allow the operation of the lock to be tailored to the opening and individual user. Typical modes include panic, adjustable momentary unlock and passage.

The SofLink Plus™ w/ SofLink PDP™ application software allows you to meet your facility's needs while maintaining a stand-alone, single door electronic access control system.

"G1-LU" Keypad Operated Products

Bored shown

The "G1-LU" (keypad only) configuration of stand-alone access control products are ideal for dormitories, assisted living facilities, hospitals, retailers, apartments and office complexes. Programming is done through the keypad for most basic functions or via SofLink Plus PDP™ application software. The controller will retain a total of 2000 different user codes varying in length from one to six digits.

"G1-PK" Proximity/Keypad Products

Mortise shown

The "G1-PK" (proximity/keypad) version of stand-alone access control products offers the highest level of security and flexibility. These products can be programmed via keypad or SofLink Plus™ w/ SofLink PDP™ to require both a code (1-6 digits) and proximity card/fob/tag presentation to gain entry. It can also be programmed for keypad or proximity presentation only.

"G1-PA" Proximity Only Products

Exit Device shown

The "G1-PA" (proximity only) configuration of access control provides a higher level of security because all programming must be handled through the SofLink Plus™ w/ SofLink PDP™ application software. This configuration is ideal for high traffic applications where keypad usage is not desirable: universities, laboratories or hospitals. A "master" Comm Enable proximity card or fob is required to initiate programming of the lock.

SARGuard™ Patent Pending

SARGuard Coating

- Revolutionary finish coating available on all SARGENT product lines, utilizes a silver-based antimicrobial compound from AgION Technologies
- As an integral part of the finish coating, SARGuard lasts for the life of the hardware
- SARGuard coating permanently suppresses the growth of bacteria, algae, fungus, mold and mildew. It is effective against a broad spectrum of bacteria.
- Non-toxic and completely safe. The AgION antimicrobial compound is EPA and NSF approved and FDA listed for use in medical and food preparation equipment.
- Applications: Anywhere there is need for a clean environment (hospitals, laboratories, schools, medical centers, daycare, food processing etc.)

AgION

The AgION antimicrobial is not intended as a substitute for good hygiene. Coated products must still be cleaned to insure the surfaces will be free of destructive microbes. SARGENT makes no representations or warranties, express or implied, as to the efficacy of the AgION antimicrobial. A copy of the AgION warranty is available upon request.

Profile Series v.G1
Stand-Alone Access Control Product
Features G1-LU, G1-PK , G1-PA and LK

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Common Features of Profile Series v.G1 Products

- 2,000 individual users
- 2,000 event transaction history (audit trail) – provides parameters such as unlock, egress activation, entry into programming mode, date, time, user number and door number
- PDA (wireless) communication to and from lock
- RF technology option (G1-TU, G1-TP, G1-TA)
- Locks supports all HID proximity bit formats when programmed through keypad (presentation method)
- Moisture resistant coating on electronics
- For use on exterior doors with weatherseal gasket, conduit and shroud (optional, order separately)
- Non-volatile memory
- Easily programmable at keypad for basic features on G1-LU, G1-PK, G1-TU and G1-TP products
- SofLink Plus™ w/ SofLink PDP™ Access Control Management software allows simple programming and interrogation using PDA (wireless) data transfer
- PDA infrared communication performed on outside of door
- SofLink Plus™ w/ SofLink PDP™ Software required for programming proximity only (G1-PA, GI-TA) and where time zone functions are required for the G1-LU, G1-PK, G1-TU and G1-TP
- Unlock time adjustable (1-99 seconds)
- LEDs on unit indicate status – green indicates unlocked; yellow indicates programming mode
- Audible beep sounds with each keystroke or can be disabled through programming
- UL Listed for fire doors (12- for exit devices)
- UL Listed to Canadian safety standards
- Remote power and request to enter available – requires wire harness (52-2500) and hard wiring
- Low battery indication – four chirps after code entry. Master and emergency code will operate lock after the low battery indication period has passed and user codes no longer operate the lock
- User Codes – over 1,100,000 possible user combinations
  - 2000 different user codes
  - Operates utilizing any one to six digits per code – digits may be repeated or start with "0"
  - One master code – assigns emergency, supervisory and user codes and allows entry when deadbolt is thrown (mortise locks)
  - One supervisory code – allows temporary lockout of selected users, changes unlock time duration, requests infrared interrogation output, and adds user codes
  - One emergency code – allows entry when dead bolt is thrown (mortise locks). Unlocks after the low battery indication period has passed and user codes no longer operate lock
  - One time user codes – allows "one time" entry
  - Entry of three wrong user codes in succession disables all codes for ten seconds
  - Maintained (passage) code – unlocks for extended periods of time

SofLink Plus w/ SofLink PDP Features

- 10,000 user name database
- User name import function from database
- Auto unlock with or without "first-in" authorization
- Holidays (16 single days; 16 blocked)
- Access level oriented format
- Directly supports 26, 33, and 34 HID bit formats
  - For 35 Bit HID Corporate 1000 Format consult factory

"LK" Keypad Products

Mortise shown

The SARGENT "LK" stand-alone access control products are designed for areas that require authorized entry, such as stairwell doors, meeting rooms, company health clubs, etc. Microprocessor based technology with non-volatile solid state memory ensures that codes will not be lost even if the batteries stop functioning. The controller will hold a total of 100 different user codes and these codes can vary in length from one to six digits. All programming is done through the keypad.

Features of "LK" Series Products

- Non-volatile memory
- Easily programmable at keypad
- Keypad operation only
- Unlock time adjustable (1-99 seconds)
- LEDs on keypad indicate status – green indicates unlocked; yellow indicates programming mode
- Audible beep with each keystroke or can be disabled through programming
- For use on exterior doors with weather-seal gasket, conduit and shroud (optional, order separately)
- UL Listed for fire doors (12- for exit devices)
- UL Listed to Canadian safety standards
- Remote power and request to enter available – requires wire harness (52-2500) and hard wiring
- Last fifteen entries can be output to portable printer (52-2069) via infrared link from keypad
- Low battery indication – four chirps after code entry. Master, Emergency, and Supervisor Code will operate lock after the low battery indication period has passed and user codes no longer operate the lock
- User Codes – over 1,100,000 possible user combinations
  - 100 different user codes
  - Operates utilizing any one to six digit code – digits may be repeated or start with "0"
  - One master code – assigns emergency, supervisory and user codes and allows entry when deadbolt is thrown (mortise locks)
  - One supervisory code – allows temporary lockout of selected users, changes unlock time duration, requests infrared interrogation output, and adds user codes
  - One emergency code – allows entry when dead bolt is thrown (mortise locks). Unlocks after the low battery indication period has passed and user codes no longer operate lock
  - One time user codes – allows "one time" entry
  - Entry of three wrong user codes in succession disables all codes for ten seconds
  - Maintained (passage) code – unlocks for extended periods of time

Profile Series v.G1
RF Technology Stand-Alone Access Control
Product Features G1-TU, G1-TP and G1-TA

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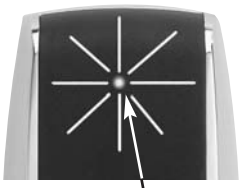
RF technology offers stand-alone access control enhancement by allowing the user to remotely control the lock by means of a hand-held transmitter (RF Fob).

The Profile lock is easily programmed for three primary RF actuation modes: Passage, Standard or Panic. RF Technology is an additional means of operating the lock by direct keypad code entry or proximity credential presentation.

Outside Escutcheon

Bored Shown

Inside Escutcheon



Actuation Indicator

52-2551 RF Fob

NOTE: RF Fob sold separately

Primary modes of RF Technology

Passage: Remotely toggle (lock/unlock) the unit which remains locked/unlocked until the RF Fob is pressed again.
Convenient applications: To unlock doors for extended periods of time; employee entrances, office suites, etc.

Unlock/Relock: Remotely unlock for a defined period of time (1 to 99 seconds) and then automatically relock at the end of that time period. Typical applications: Security entrances, guard stations, anywhere an electric strike is not feasible and/or an audit trail is desired.

Panic: An RF Fob set as a "Panic User" can be used to quickly and easily remotely lock entry doors during emergency situations to prevent entry by intruders. Remains locked until reset by Master code.

Features

- Available in keypad (G1-TU), keypad /proximity (G1-TP) and proximity only (G1-TA) models
- UL and cUL Listed for fire doors
- Typical operating distance of 35 to 75 feet on inside of door; 10 to 25 feet on outside of door*
- Ideal for retrofit applications: Minimal door prep with no frame prep, wiring or power supply needed
- Multiple RF Fobs may be programmed into a single lock
- LED indicator on inside escutcheon shows when RF lock is actuated
- Bored, Mortise Lock and Exit Device versions
- All Profile Series v.G1 finishes and levers, including Coastal Series available
- Supported by SofLink Plus™ w/ SofLink PDP™ application software
- All user types, features and prefixes for Profile Series v.G1 supported

To Order

Specify the desired technology:

G1-TU	2000 Users w/ Keypad only with RF Technology
G1-TP	2000 Users w/ Keypad and Proximity with RF Technology
G1-TA	2000 Users w/ Proximity only and RF Technology

* Operating distance may vary depending on building construction

Note: RF Technology (G1-TU, G1-TP, G1-TA) will provide approximately 4-1/2 months of battery life

Profile Series v.G1
Stand-Alone Access Control Products
Bored Locks

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The motorized bored (10 Line) Profile Series v.G1 product is available with six different lever designs, ten hardware finishes and a standard cylinder override. This design provides uniformity when used with other SARGENT bored locks at a facility.

The Profile Series v.G1 products offer access control solutions for meeting rooms, country club locker rooms and assisted living facilities.

Mechanical Features

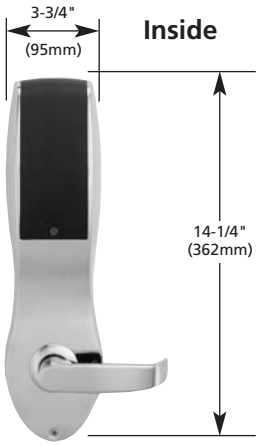
- Meets ANSI/BHMA A156.2 Grade 1 requirements
- Motor driven cylindrical lock
- Latch brass, 1/2" (13mm) throw; UL Listed 3/4" (19mm) throw (41- prefix) available
- 2-3/4" (70mm) backset standard, consult factory for other backsets available
- For 1-3/4" (44mm) thick door standard, consult factory for other thicknesses
- Non handed
- Heavy duty lever spring return
- Steel mounting studs
- 3 through-bolt position combinations
- Operates with 6 “AA” alkaline batteries (included)
- Typical 80,000 operations per set of batteries
- Key override standard
- Not available with 10-UL-, 82-, 83-, 84- or VS- prefixes

10G77 Entry Lock with Cylinder

- Latch retracted by inside lever at all times
- Key outside retracts latch
- Outside lever rigid except when in “passage” mode or valid user code entered

Escutcheons

- Zinc die cast
- Projection at bottom 11/16" (17mm) less lever
- Projection at top 1-5/8" (41mm)



- Tactile keypad
- Operating temperature -40°F (-40°C) to 135°F (57°C)
- LEDs indicate valid/invalid entries
- Keys/buttons with double shot mold construction prevents wear

*U.S. Patent No. D470,033S

Profile Series v.G1
Stand-Alone Access Control Products
Mortise Locks

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The one-piece escutcheon of the motorized mortise lock product has a clean, crisp design and is available in thirteen lever designs and ten hardware finishes. The Profile Series v.G1 mortise locks are ideal for business and facility entrances, computer room areas, telephone rooms, health clubs, and child care facilities. The mortise lock with dead bolt (8276, 8277) is an excellent choice for rest room doors providing privacy when the dead bolt is thrown.

Mechanical Features

- Meets ANSI A156.13 Grade 1 requirements
- Motor driven mortise lock
- 3/4" stainless steel, anti-friction reversible latch
- For 1-3/4" (44mm) thick door standard, consult factory for other thicknesses
- 1" stainless steel deadbolt with hardened steel rollers
- Stainless steel non-handed deadlocking latch
- Handed, easily field reversible without disassembling lock body
- Lever trim through-bolted for increased security and durability
- Operates with 6 “AA” batteries (included)
- Typical 75,000 operations per set of batteries
- Cylinder override for 8276 and 8278 models, Size 43-standard and removable core (1-3/8" [35mm] length of shell)
- Not available with SC- or SE- prefixes

Entry Locks

- Deadlocking latch
- Latch and deadbolt retracted by inside lever at all times
- Outside lever rigid except when in “passage” mode or valid user code entered

8276 with Cylinder (Shown)

- Key outside retracts deadbolt and latch
- When deadbolt thrown, outside lever operable only with Emergency or Master code

8278 with Cylinder Less Deadbolt (Shown)

- Key outside retracts latch
- No deadbolt function

8277 without Cylinder

- When deadbolt thrown, outside lever operable only with Emergency or Master Code

8279 without Cylinder Less Deadbolt

- No deadbolt function

Inside/Outside Escutcheon

- Keys/buttons with double shot mold construction prevents wear
- Zinc die cast
- Operating temperature -40°F (-40°C) to 135°F (57°C)
- LEDs indicate valid/invalid entries
- Projection at bottom 5/16" (8mm) less lever
- Projection at top 1-5/8" (41mm)

*U.S. Patent No. D470,033S

Profile Series v.G1
Stand-Alone Access Control Products
Exit Devices

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The Profile Series v.G1 exit devices are available with thirteen different lever design styles and ten hardware finishes. Profile Series v.G1 products for the SARGENT's rim and mortise exits provide access control in areas where life safety is a concern. This includes stairwell areas or tenant occupied facilities where stand alone access control is required.

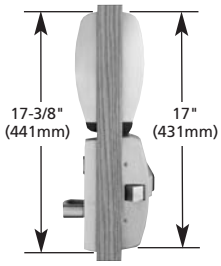
Mechanical Features

- Meets ANSI A156.3 Grade 1 requirements
- Motor-driven ET trim
- Latch 3/4" (19mm) throw (stainless steel 8800, anti-friction brass 8900)
- For 1-3/4" (44mm) door standard, consult factory for other thicknesses
- Operates with 6 "AA" alkaline batteries (included)
- Typical 90,000 operations per set of batteries
- Cylinder override use 34 rim cylinder, 8877; 46 mortise cylinder (1-3/4" [44mm] length of shell), 8977
- No cylinder override for 8878 and 8978
- 8977 not available with 70-, 72-, 73-, 73-7P-, SC- or SE- prefixes

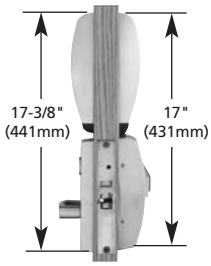
Exit Locks

- Latch retracted by inside push rail at all times
- Outside lever rigid except when in passage mode or valid user code entered
- Outside cylinder override retracts latch

8877 Rim with Cylinder (Shown)



8977 Mortise with Cylinder (Shown)



8878 Rim Exit without Cylinder

- Latch retracted by inside rail at all times

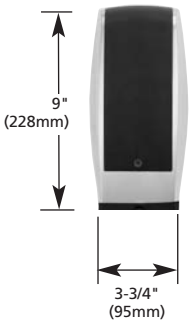
8978 Mortise Exit without Cylinder

- Latch retracted by inside rail at all times

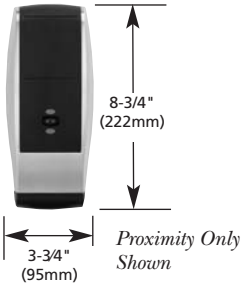
Escutcheons

- Zinc die cast
- Projection at top 1-5/8" (41mm)

Inside

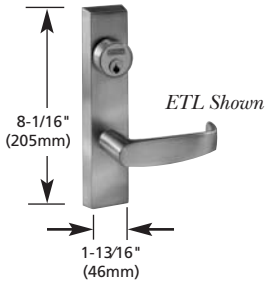


Outside



- Operating temperature – 40°F (-40°C) to 135°F (57°C)
- LEDs indicate valid/invalid entries
- Keys/buttons with double shot mold construction prevents wear

Outside ET Lever Control



- Forged brass escutcheon
- Projection 13/16" (21mm)
- For rim exit devices:
  777-8 (cylinder hole)
  778-8 (no cylinder hole)
- For mortise exit devices:
  777 (cylinder hole)
  778 (no cylinder hole)

*U.S. Patent No. D474,133S

Profile Series v.G1
Stand-Alone Access Control Products
Lever Trim Designs

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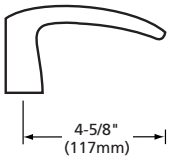
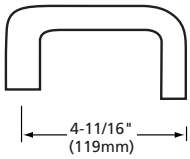
Profile Series v.G1 products are available with similar lever designs to provide uniformity throughout a facility. Lever projection from door surface varies with lock type. See tables below.

The following designs are available for all Profile Series products:

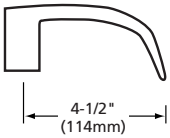
B Lever (Solid)



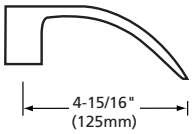
J Lever (Solid)



L Lever (Solid)

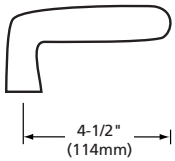


P Lever (Solid)

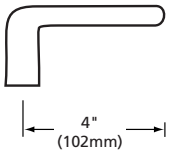


The following designs are available for Mortise and Exit Profile Series products:

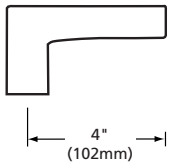
A Lever (Handed)



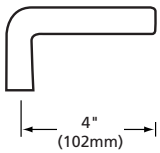
E Lever (Solid)



F Lever (Solid)



W Lever (Solid)



Levers with returns are maximum 1/2" (13mm) from door face.

Lever Projection from Door Surface (Includes Escutcheon)

Lever	Bored	Mortise	Exit
B	2-1/2" (64mm)	2-5/8" (67mm)	3-1/8" (79mm)
J	2-1/2" (64mm)	2-13/16" (71mm)	2-3/4" (70mm)
L	2-1/2" (64mm)	2-3/8" (60mm)	2-3/8" (60mm)
P	2-1/2" (64mm)	2-1/2" (64mm)	3" (76mm)

Lever Projection from Door Surface (Includes Escutcheon)

Lever	Bored	Exit
A	2-15/16" (75mm)	3-1/2" (89mm)
E	2-1/2" (64mm)	3" (76mm)
F	2-3/4" (70mm)	3-1/4" (83mm)
W	2-1/2" (64mm)	3" (76mm)

Coastal Series Levers

The following designs are available for Mortise and Exit Profile Series products. Consult factory for details.

Gulfport*

Sanibel

Yarmouth*

Coronado

Rockport

*Similar lever styles available for Cylindrical lock version.

Profile Series v.G1
Stand-Alone Access Control Products
SofLink Plus™ Access Control Management Software

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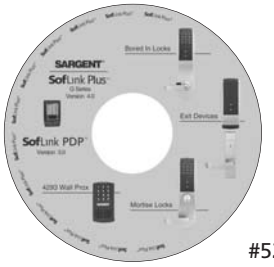
SofLink Plus™ w/ SofLink PDP™ Access Control Management System

The SofLink Plus w/ SofLink PDP Access Control Management Software allows simple programming and interrogation of the Profile Series v.G1 access control products. This software provides the means for fast, convenient assignment of access levels, doors, users, time zones, and management of multiple doors with full audit trail capability. Communication between the computer and lock controller is via PDA that allows for quick and efficient program transfer and audit trail retrieval.

SofLink Plus™ w/ SofLink PDP™ Features



#52-0425

- Password protected
- 10,000 user name database
- Supports 2,000 users per lock
- Allows customized access levels managed at PC
- User name import from an external database
- Easy to follow data entry
- Real time clock with date and time
- Eight different time zones per look
- Holidays (16 single days and 16 blocked)
- Daylight savings time
- Auto Unlock with or without "first in" authorization
- 2,000 event transaction history – audit trail to include user entry, date, time, user number, access denied, passage on, passage off, auto unlock, time zone denied, print, audit trail release, program mode, program mode denied, etc.
- Master code entry at keypad or presentation of "Master" or "CommEnable" proximity credential at lock initiates PC download programming
- Designed for operation with Personal Digital Assistant (PDA) running Palm OS®
- PDA provides convenient (wireless) means of transferring door information to and from lock using SofLink Plus™ w/ SofLink PDP™ software
- Capable of up/down loading door information for up to 50 doors
- User friendly help feature
- Extensive report generating feature
- Directly supports HID Bit 26, 33 and 34 bit formats. For 35 Bit Corporate 1000 Format consult factory

NOTE: Number of stored files is dependent on the amount of non-related SofLink Plus™ w/ SofLink PDP™ software applications and data (e-mail messages, address data, to do items, memos, etc.) loaded on the PDA.

Compatible PDAs

PDA MFG	Model Number
Palm	M500
Palm	M505
Palm	Zire
Palm	Zire 21
Palm	Zire 71
Palm	Palm V
Palm	Palm Vx
Palm	Palm VIIx
Palm	Tungsten E
Palm	Tungsten T2
Sony	Clie SJ20

Consult factory for other compatible models.

Hardware Requirements

- Windows 98/2000/XP (to include all subsets)
- VGA monitor
- CD ROM drive
- Instruction Manual included
- Personal Digital Assistant (PDA) see chart for compatible models

Profile Series v.G1
Stand-Alone Access Control Products
Access Credentials

SARGENT
1-800-727-5477
www.sargentlock.com

Credential Features

- Provides higher level of security when combined with keypad operation
- HID-based proximity cards, fobs or tags
- Allows integration into existing facilities with HID based technology
- Standard credentials available with 26 Bit Weigand format and SARGENT assigned site code
- Custom credentials available with 26 Bit format and customer assigned site code and 33 bit SARGENT 1000 Format

HID technology allows SofLink Plus™ w/ SofLink PDP™ software to read other formats provided site code is known. For a higher level of security, custom cards, fobs or tags with unique site codes are available. Consult factory.

SARGENT HID ProxCard II™

- 26 Bit format
- SARGENT logo on card, P/N 52-0216
- Blank (white) card, P/N 52-0217
- 25/pkg.
- Dimensions: 2-1/8" x 3-3/8" (54mm x 86mm)
- Thickness: .070" nom. (1.8mm)

ISO Prox Card II™

- 26 Bit format
- SARGENT logo on card, P/N 52-0207
- Blank (white) card, P/N 52-0208
- Blank card can be printed with customer's text and graphics – by others
- 25/pkg.
- Dimensions: 2-1/8" x 3-3/8" (54mm x 86mm)
- Thickness: .031" nom. (.8mm)

Available on order

- Multiple Technology Proximity Cards DuoProx™ – dual technology, proximity and magnetic stripe technology. Enables integration into systems with existing magnetic swipe card readers
- Minimum order quantity, 100 each
- Custom cards or fobs with unique site codes for higher level of security (SARGENT 1000)

ProxCard II, DuoProx™, Micro-Prox™ and ProxKey II are trademarks of HID Corporation

Note 1: Profile Series v.G1 will support all HID bit formats when proximity credentials are programmed directly into keypad (Presentation Method)

Note 2: SofLink Plus™ w/ SofLink PDP™ software directly supports 26, 33 and 34 HID bit formats (for 35 bit HID Corporate 1000 format - consult factory)

MicroProx™ Tag

The *MicroProx™ Tag* is a coin sized (disk shaped) transponder that provides the ability to add HID proximity technology to a device. The *MicroProx™ Tag* has an adhesive backing which allows it to be secured to any non-metallic object.

Easily Secured To:

- Employee badges
- PDAs
- Magnetic stripe cards
- Cell phones

NOTE: The *MicroProx™ Tag* should be attached to magnetic stripe cards so that contact with the magnetic card reader is avoided.

- 26 Bit format with SARGENT site code
- 26 Bit format with Custom site code
- Sequence numbers marked on each Tag
- Gray color with HID Logo
- 5/pkg. SARGENT site code, #52-2548
- 50/pkg. SARGENT site code, #52-2547
- Dimensions: 1.285" x 0.070" (32.6mm x 1.78mm)
- For MicroProx Tag with custom site code, consult factory for minimum quantities

52-0198 SARGENT ProxKey II™

- 26-Bit format
- Site code controlled by SARGENT
- 25/pkg. with rings
- Dimensions: 1-29/32" x 29/32" x 11/32" (48mm x 23mm x 9mm)

52-0199 Custom ProxKey II™

- 26-Bit format
- Customer requested site code or range of fob numbers
- 100/pkg. with rings
- Dimensions: 1-29/32" x 29/32" x 11/32" (48mm x 23mm x 9mm)

52-2551 RF Fob

- Used with RF Technology (TU, TA, TP)
- Operating frequency: 418MHz
- Operating distance: 35-75 ft inside door
  10-25 ft outside door
- Sold separately

3267 Remote Power

- Provides a filtered and regulated 9 VDC remote power for Profile Series v.G1 locks
- Each unit can supply power to 2 Profile products
- Optional 12 VDC Gel Cell battery allows for continuous operation in the event of a power failure. (Strongly recommended for applications without cylinder over-ride to prevent lock-out)
- Requires raceway through the door*

Reference template list below for correct raceway preparation.

4540 – Bored Lock
4541 – Mortise Lock
4542 – Rim and Mortise Exits

Includes:
- Plug-In Wall Transformer (52-0255) and (52-0258) 12' (3.6m) of shielded wire for connection between power transfer and power supply. (Maximum length of 50' (15.2m) recommended)

* Recommended for new opening. Retrofit application may require surface mounted wire mold and transfer loop by others.

52-2393 Cable Kit

- Provides connection from Profile Series product to PC
- Not required for Profile Series v.G1

Profile Series v.G1 Exit Device Upgrade Kit For:

SARGENT 80 Series Rim Exit Device (8877/8878)
Mortise Exit Device (8977/8978)

The Escutcheon/Electronics kits are available as single or three packs. When ordering specify kit number and finish (231LK x 26D)

Exit Device Profile Upgrade

1 Pack Kit P/N	3 Pack Kit P/N	Description
231 LK	233 LK	Keypad Only (100 User\15 Audit Capability)
231 G1-LU	233 G1-LU	Keypad Only (2000 User\2000 Audit Capability)
231 G1-PA	233 G1-PA	Proximity Only (2000 User\2000 Audit Capability)
231 G1-PK	233 G1-PK	Proximity & Keypad (2000 User\2000 Audit Capability)
231 G1-TU	233 G1-TU	Keypad Only (2000 User\2000 Audit Capability) with RF Technology
231 G1-TA	233 G1-TA	Proximity Only (2000 User\2000 Audit Capability) with RF Technology
231 G1-TP	233 G1-TP	Proximity & Keypad (2000 User\2000 Audit Capability) with RF Technology

Trim Kits are the motorized exit trims that are necessary to be used with the Profile Upgrade Kits to convert an existing exit device.

Trim Kit P/N	Description
777-8	8800 Series Rim Exit Device w/ Cylinder Override
778-8	8800 Series Rim Exit Device w/o Cylinder Override
777	8900 Series Mortise w/ Cylinder Override
778	8900 Series Mortise Exit w/o Cylinder Override

3267 Replacement Parts

52-0255 Plug-In Wall Transformer

- Output 16.5 VAC, 2.4 Amps
- UL/cUL Listed
- Provides input power to Model 3267 Remote Power supply module

52-0258
- Cable Assembly-Power Supply to Power Transfer
- 12' (3.6m) shielded cable from the power to the power supply

52-2498
- 9 VDC, 700 ma Power Supply circuit board
- Replacement circuit board assembly

91- Prefix Remote Power & Unlocking Wiring Harness

- Wire harness for Remote Power and Remote Unlocking (request to enter)
- Packed with lock assembly

52-2500 Power/Remote Unlocking Harness

- Wire harness for Remote Power and Remote Unlocking of lock
- Requires raceway through the door
- Requires power transfer*

* 4 Wire Concealed Circuit Hinge for Remote Power Only (McKinney CC4). 6 Wire Concealed Circuit Hinge for Remote Power and Remote Unlocking Options (McKinney CC6)

52-0256 Gel Cell Battery

- Optional for 3267 Remote Power supply
- Provides continuous operation of Profile Series v.G1 in the event of a power failure
- 12 VDC 1.2 A/Hr rating
- 10,000 cycles typical in the event of power failure

52-2069 Infrared Portable Printer

- Used to download the user numbers and transaction types from lock (LK only)
- Operates with 4 "AA" batteries (included)

Hardwiring Made Easy™

ELECTRO Lynx™

Keypad Assemblies

52-2704

52-2706

Controller

Assembly	Products	LK	G1-LU	G1-PK*	G1-PA*	G1-TU	G1-TP	G1-TA
Controller	Bored	52-2439	52-2733	52-2734	52-2734	52-2735	52-2736	52-2736
	Mortise	52-2440	52-2783	52-2784	52-2784	52-2785	52-2786	52-2786
	Exit	52-2441	52-2783	52-2784	52-2784	52-2785	52-2786	52-2786
Keypad	All	52-2432	52-2704	52-2704	+52-2706	52-2704	52-2704	+52-2706

- Assemblies include circuit board and housing
- Batteries not included

*FCC approved

+Proximity only, no keypad

Weatherseal Gasketing

- Provides sealing between outside escutcheon and door for exterior applications
- Gasketing (included) recommended for non-fire rated exterior applications

82-0500

For use with 8200 Mortise Escutcheon

68-1400

For use with 8800 or 8900 Exit Escutcheon

52-0263

For use with ET Trim

10-0469

For use with 10G77 Cylindrical Escutcheon

52-2593 Protective Shroud

- Provides weather protection for outside escutcheon
- Cover and hinge molded of tough polycarbonate
- Stainless steel torsion spring maintains cover in closed position
- Easily lifts for access to keypad
- Comes with mounting hardware and gasket
- Fast, easy installation
- Order separately

52-2847 Conduit

- Provides weather protection inside of door
- Constructed of durable ABS material
- For non-fire rated exterior applications only
- Included with product

Profile LU, PK & PA Series (500 Users) Access Control Products

SARGENT
1-800-727-5477
www.sargentlock.com

SARGENT continues to offer the Profile LU, PK & PA Series (500 user/1000 audit) product. This product is available for facilities with existing 500 user Profile Series product.

The Profile LU, PK & PA Series (500 user) product software and electronics are not compatible with those of the Profile Series v.G1 product. Please consult factory when ordering software for this product, and reference table below for replacement keypads and controllers.

"LU" Keypad Operated Products

Bored shown

The "LU" (keypad only) configuration of stand-alone access control products are ideal for dormitories, assisted living facilities, hospitals, retailers, apartments and office complexes. Programming is done through the keypad for most basic functions. The controller will retain a total of 500 different user codes varying in length from one to six digits.

"PK" Proximity/Keypad Products

Mortise shown

The "PK" (proximity/keypad) version of stand-alone access control products offers the highest level of security and flexibility. These products can be programmed to require both a code (1-6 digits) and proximity card/fob/tag presentation to gain entry. It can also be programmed for keypad or proximity presentation only.

"PA" Proximity Only Products

Exit Device shown

The "PA" (proximity only) configuration of access control provides a higher level of security because all programming must be handled through the SofLink Plus™ w/ SofLink PDP™ application software. This configuration is ideal for high traffic applications where keypad usage is not desirable: universities, laboratories or hospitals. A "master" Comm Enable proximity card or fob is required to initiate programming of the lock.

Controller and Keypad Assemblies

52-2432

52-2431

RS-232 Interface Connector →

Assembly	Products	LU	PK*	PA*
Controller	Bored-In	52-2446	52-2453	52-2453
	Mortise	52-2447	52-2454	52-2453
	Exit	52-2448	52-2455	52-2455
Keypad	All	52-2432	52-2432	+52-2431

- Assemblies include circuit board and housing
- Batteries not included

*FCC approved

+Proximity only, no keypad

How To Order

Specify	Note	Example
Bored		
Prefix	Signature Cylinder	**10**
Series	10G77	10-**10G77**
Trim	Technology & Lever Design	10-10G77-**PKL**
Finish	Specify Finish	10-10G77-PKL-**26D**
Mortise		
Prefix	Signature Cylinder	**10**
Series/ Function	8276	10-**8276**
Trim	Technology & Lever Design	10-8276-**PAJ**
Finish	Specify Finish	10-8276-PAJ-**26D**
Hand	Specify Hand	10-8276-PAJ-26D-**RH**
Exit		
Prefix	Fire Rated	**12**
Technology	LU	12-**LU**
Series/ Function	8877	12-LU**8877**
Trim	ETJ	12-LU8877 x **ETJ**
Hand	RHRB	12-LU8877 x ETJ x **RHRB**
Finish	Trim/Exit	12-LU8877 x ETJ x RHRB x **26D/32D**
Door Size	36"	12-LU8877 x ETJ x RHRB x 26D/32D x **36"**

10G77 Bored Locks

Access Control Cylindrical Locks

1. Access control cylindrical locks shall be 10 Line as manufactured by SARGENT Manufacturing of New Haven, CT.

2. Provide cylindrical lock series and functions where specified in hardware groups, with the provisions below.

a. Cylinders: Refer to 2.04 KEYING, keying requirements.

b. Backsets: 2-3/4 inches.

c. Strikes: Provide wrought boxes and strikes with proper lip length to protect trim but not to project more than 1/8 inch beyond trim, frame or inactive leaf. Where required, provide open back strike and protected to allow practical and secure operation

3. Provide access control products with non-volatile memory.

4. Provide keypad operated products with a minimum of 100 user codes (LK) or 2,000 user codes (G1-LU).

5. Provide keypad/proximity (G1-PK) and proximity only (G1-PA) products with a minimum of 2,000 user codes and the ability to audit the last 2,000 transactions.

6. In addition to user codes, provide a Master Code as standard. The Master Code assigns emergency, supervisory, and user codes.

7. Provide the ability to print the last fifteen entries (LK) via infrared printer.

8. Provide SofLink Plus™ Software (G1-LU, G1-PK, G1-PA), capable of working with Microsoft Windows operating systems (98/2000/XP to include all subsets), required to program time zone periods, blocked holidays, automatic unlock with or without first entry, and listing 2,000 event transaction history – unlock, egress activation, entry into programming mode, date, time, user number, and door number.

9. Locking and unlocking of the lever handle shall be done by a motor-driven battery powered unit (solenoids not acceptable) contained completely within the body of the cylindrical lock. The inside lever is always free for egress. Provide lever design to match lock levers.

10. Locks shall have the option to be remotely controlled via hand-held radio frequency (RF) transmitter, allowing lock/unlock capabilities from up to 75 feet away from the lock.

11. Locks shall have LEDs to indicate status – unlocked and programming mode.

12. Provide twenty-five (25) HID Prox Card II for keypad/proximity (G1-PK) and proximity only (G1-PA) products.

13. Doors to stairs (other than exit stairs), loading platforms, boiler rooms, stages and doors serving other hazardous locations shall have knurled or other similar approved marking of door lever handles or cross bars in accordance with local building codes.

8200 Series Mortise Locks

Access Control Mortise Locks

1. Access control mortise locks shall be 8200 Series as manufactured by SARGENT Manufacturing of New Haven, CT.

2. Provide access control mortise lock series, type and functions where specified in hardware groups, with the provisions below.

a. Cylinders: Refer to 2.04 KEYING, keying requirements.

b. Backsets: 2-3/4 inches.

c. Strikes: Provide wrought boxes and strikes with proper lip length to protect trim but not to project more than 1/8 inch beyond trim, frame or inactive leaf. Where required, provide open back strike and protected to allow practical and secure operation

3. Provide access control products with non-volatile memory.

4. Provide keypad operated products with a minimum of 100 user codes (LK) or 2,000 user codes (G1-LU).

5. Provide keypad/proximity (G1-PK) and proximity only (G1-PA) products with a minimum of 2,000 user codes and the ability to audit the last 2,000 transactions.

6. In addition to user codes, provide a Master Code as standard. The Master Code assigns emergency, supervisory, and user codes.

7. Provide the ability to print the last fifteen entries (LK) via infrared printer.

8. Provide SofLink Plus™ Software (G1-LU, G1-PK, G1-PA), capable of working with Microsoft Windows operating systems (98/2000/XP to include all subsets), required to program time zone periods, blocked holidays, automatic unlock with or without first entry, and listing 2,000 event transaction history – unlock, egress activation, entry into programming mode, date, time, user number, and door number.

9. Locking and unlocking of the lever handle shall be done by a motor-driven battery powered unit (solenoids not acceptable) contained completely within the body of the mortise lock. The inside lever is always free for egress. Provide lever design to match lock levers.

10. Locks shall have the option to be remotely controlled via hand-held radio frequency (RF) transmitter, allowing lock/unlock capabilities from up to 75 feet away from the lock.

11. Locks shall have LEDs to indicate status – unlocked and programming mode.

12. Provide twenty-five (25) HID Prox Card II for keypad/proximity (G1-PK) and proximity only (G1-PA) products.

13. Doors to stairs (other than exit stairs), loading platforms, boiler rooms, stages and doors serving other hazardous locations shall have knurled or other similar approved marking of door lever handles or cross bars in accordance with local building codes.

8800/8900 Series Exit Devices

Access Control Exit Devices

1. Access control exit devices shall be 80 Series as manufactured by SARGENT Manufacturing of New Haven, CT.

2. Provide access control exit device series, type, and functions where specified in hardware groups. SARGENT product numbers are referenced in the Hardware Groups.

3. All exit devices shall be UL listed for panic. Exit devices for labeled doors shall be UL listed as "Fire Exit Hardware".

4. Provide access control products with non-volatile memory.

5. Provide keypad operated products with a minimum of 100 user codes (LK) or 2,000 user codes (G1-LU).

6. Provide keypad/proximity (G1-PK) and proximity only (G1-PA) products with a minimum of 2,000 user codes and the ability to audit the last 2,000 transactions.

7. In addition to user codes, provide a Master Code as standard. The Master Code assigns emergency, supervisory, and user codes.

8. Provide the ability to print the last fifteen entries (LK) via infrared printer.

9. Provide SofLink Plus™ Software (G1-LU, G1-PK, G1-PA), capable of working with Microsoft Windows operating systems (98/2000/XP to include all subsets), required to program time zone periods, blocked holidays, automatic unlock with or without first entry, and listing 2,000 event transaction history – unlock, egress activation, entry into programming mode, date, time, user number, and door number.

10. Locking and unlocking of the lever handle shall be done by a motor-driven battery powered unit (solenoids not acceptable) contained completely within the body of the outside trim. Egress from the inside at all times. Provide lever design to match lock levers.

11. Access control exit devices shall have the option to be remotely controlled via hand-held radio frequency (RF) transmitter, allowing lock/unlock capabilities from up to 75 feet away from the exit device.

12. Locks shall have LEDs to indicate status – unlocked and programming mode.

13. Provide twenty-five (25) HID Prox Card II for keypad/proximity (G1-PK) and proximity only (G1-PA) products.

14. Provide cylinder- dogging feature for non-rated exit devices.

15. Provide keyed removable mullions, as specified in the Hardware Groups.

16. Provide clear powder coating at exit devices used in full exterior application, highly corrosive areas, and where noted in the hardware groups.

17. Provide cylinders for exit devices with cylinder override and cylinder dogging.

a. Cylinders: Refer to 2.04 KEYING, keying requirements.

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Prefixes Available

3	Stainless steel hubs for institutional specifications (mortise only)
10	SARGENT Signature Key System
10-UL	SARGENT Signature Key System Meeting UL437 (mortise and rim cylinders only)
11	XC Key System (not available with 10-, 1-UL, 22-, 60-, 63-, 64-, SC- or SE- prefixes)
12	UL Fire Label Exit hardware
16	Cylinder Lockdown (exit devices)
19	Pushbar without Lexan touchpad
21	SARGENT Lost Ball Construction Key system
22	SARGENT Split Key System (existing systems only)
23	Flat 4-7/8" (124mm) ANSI strike (mortise) 3-3/4" (95mm) backset for 10G77
25	5" (127mm) Backset for 10G77
28	ANSI strike #808
30	10G77 lever to accept Schlage cylinder – no cylinder provided
35	Adjustable Front cylinder furnished with lock n/a with removable core for mortise locks
36	Six lobe security head screws
37	Spanner head screws
41	3/4" (19mm) throw latch x 2-3/4" (70mm) backset (10G77)
60	SARGENT Removable Disposable Construction Core
63	SARGENT Removable Core cylinder
64	SARGENT Removable Core Construction Core cylinder
65-73	Small Format Interchangeable Core 6 Pin Uncombinated core
65-73-7P	Small Format Interchangeable Core 7 Pin Uncombinated core
72	Small Format Interchangeable Core 6 Pin Construction Core cylinder
73	Small Format Interchangeable Core 6 Pin SARGENT 4A, 4B keyways available only for new systems
73-7P	Small Format Interchangeable Core 7 Pin SARGENT 4A, 4B keyways available only for new systems
75	Milled Inside lever (mortise) Handicap Warning on inside lever (cylindrical) Tactile Warning (exits)
76	Milled Outside lever (mortise and exits) Handicap Warning on outside lever (cylindrical)
77	Milled both levers (mortise) Handicap Warning on both levers (cylindrical) Abrasive strip on rail, Abrasive coating on lever (exits)
82	SARGENT Keso Security Cylinder (existing systems only)
83	SARGENT Keso Security Removable Core cylinder (existing systems only)
84	SARGENT Keso Security Removable Construction Core cylinder (existing systems only)
91	Power/Remote Unlocking wiring harness
SC	Schlage "C" Keyway cylinder "0" bitted
SE	Schlage "E" Keyway cylinder "0" bitted
SG	SARGuard antimicrobial clear powder coat (on metal components only)
VA	SARGENT V-10 Standard cylinder
VS	SARGENT V-10 Standard cylinder unassembled (mortise and exits)

Profile Series v.G1
Stand-Alone Access Control Products
Finishes, Handing, How to Order & Shipping Information

SARGENT
1-800-727-5477
www.sargentlock.com

How To Order

Specify	Note	Example
Bored		
Prefix	Signature Cylinder	**10**
Series	10G77	10-**10G77**
Trim	Technology & Lever Design	10-G1-10G77-**PKL**
Finish	Specify Finish	10-G1-10G77-PKL-**26D**
Mortise		
Prefix	Signature Cylinder	**10**
Series/Function	8276	10-**8276**
Trim	Technology & Lever Design	10-G1-8276-**PAJ**
Finish	Specify Finish	10-G1-8276-PAJ-**26D**
Hand	Specify Hand	10-G1-8276-PAJ-26D-**RH**
Exit		
Prefix	Fire Rated	**12**
Technology	LU	12-**G1-LU**
Series/Function	8877	12-G1-LU**8877**
Trim	ETJ	12-G1-LU8877 x **ETJ**
Hand	RHRB	12-G1-LU8877 x ETJ x **RHRB**
Finish	Trim/Exit	12-G1-LU8877 x ETJ x RHRB x **26D/32D**
Door Size	36"	12-G1-LU8877 x ETJ x RHRB x 26D/32D x **36"**

Shipping Information

Lock	Shipping Weight	Pc. Count/Carton
G1-8276-PK x lever trim (with cylinder)	11.2 lbs (5.1kg)	1/carton
G1-8277-PK x lever trim (no cylinder)	10.7 lbs (4.9kg)	1/carton
G1-8278-PK x lever trim (with cylinder no deadbolt)	11.2 lbs (5.1kg)	1/carton
G1-8279-PK x lever trim (w/o cylinder no deadbolt)	10.7 lbs (4.9kg)	1/carton
G1-LU8877	21.0 lbs (9.5kg)	1/carton
G1-PA8977	23.0 lbs (10.4kg)	1/carton
G1-10G77-PKL	10.7 lbs (4.9kg)	1/carton

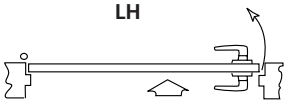
Finishes

SARGENT	Description	ANSI/BHMA
US3	Polished brass	605
US4	Satin brass	606
US9	Polished bronze	611
US10	Satin bronze, clear powder coat	612
US10B	Oxidized satin bronze oil rubbed	613
10BL	Oxidized satin bronze, clear powder coat	——
US15	Satin nickel, clear coated	619
20D	Dark statuary bronze, clear powder coat	——
US26	Polished chrome	625
US26D	Satin chrome	626

Zinc levers are plated to match BHMA finish.

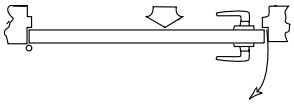
Handing

LH



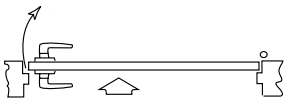
Left Hand Door

LHRB



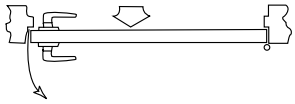
Left Hand Reverse Bevel

RH



Right Hand Door

RHRB



Right Hand Reverse Bevel

ESSEX™
THE TOTAL OPENINGS PEOPLE

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Founded in 1864, SARGENT® is a market leader in locksets, cylinders, door closers, exit devices, electro-mechanical products and access control systems for new construction, renovation and replacement applications. The company's customer base includes commercial construction, institutional and industrial markets.

The ASSA ABLOY Group is the world's leading manufacturer and supplier of locking solutions, dedicated to satisfying end-user needs for security, safety and convenience.