

 **PROTEGE[®]**

Protégé LCD User Station

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Protégé LCD User Station

The Protégé LCD User Station provides a user friendly human interface to the Protégé Integrated Access Control, Security and Building Automation system, an advanced technology security product providing seamless and powerful integration.

The Protégé LCD User Station is a user friendly, customisable, LCD (Liquid Crystal Display) user keypad station designed to operate the Protégé Integrated Access Control and Alarm Management System.

Secure, Versatile Area and System Operation

The Protégé LCD User Station provides complete system control at the keypad for end users and installers of the Protégé System:

- Arm/Disarm any of the 250 possible areas. Control menu functions according to the Protégé LCD User Station security settings and/or user security settings.
- Securely login to the Protégé LCD User Station with user codes from 1 to 8 digits with support for card reader and pin code operation.
- Intuitive menu function allows scrollable options according to user security level with quick access short cut keys for the power user.
- Dual code and master code provider functions for secure ATM and banking vault area access with automatic timeout and delayed opening functions.
- Individual reportable duress code trouble for each Protégé LCD User Station.
- Activation of 3 reportable panic events (Panic, Medical and Fire).
- Smoke detector reset provided on clear and enter keys selectable for a PGM or PGM Group.

Arming/Disarming

The Protégé LCD User Station allows a user to Arm and Disarm an Area or group of Areas:

- Area progress is shown on the LCD display with user friendly plain text messages displayed to the user as it guides them through the arming or disarming procedure.
- Easily view open system zones during the pre-arming phase.
- Local display of user area for quick arming and disarming confirmation.
- Direct bypass option.

System Object Control and Monitoring

Monitoring of all objects within the system can be achieved from the Protégé LCD User Station:

- Monitor the status of any Door, User (Anti- Passback), Zone (Input), PGM (Output) or Schedule directly at the keypad.
- Offline functions allow 'quick key' menu functions to be performed on objects used for Automation (Lights, HVAC, Electric Gates and Doors).
- Single automation Quick Key for REX (Door Request To Exit) or PGM Output activation.

Event Review

All events stored in the Protégé System can be easily reviewed and displayed on the Protégé User Station with plain text descriptions for all event and system activity:

- Display the current statistics for the event processing sub system.
- Average number of events being received per minute.
- Current number of events that are stored in the event review buffer.
- Statistics on the average number of access control, alarm and automation events that occur.

Auto Logout Configuration

The Protégé LCD User Station can be programmed for a custom auto logout time specific to each station.

Languages

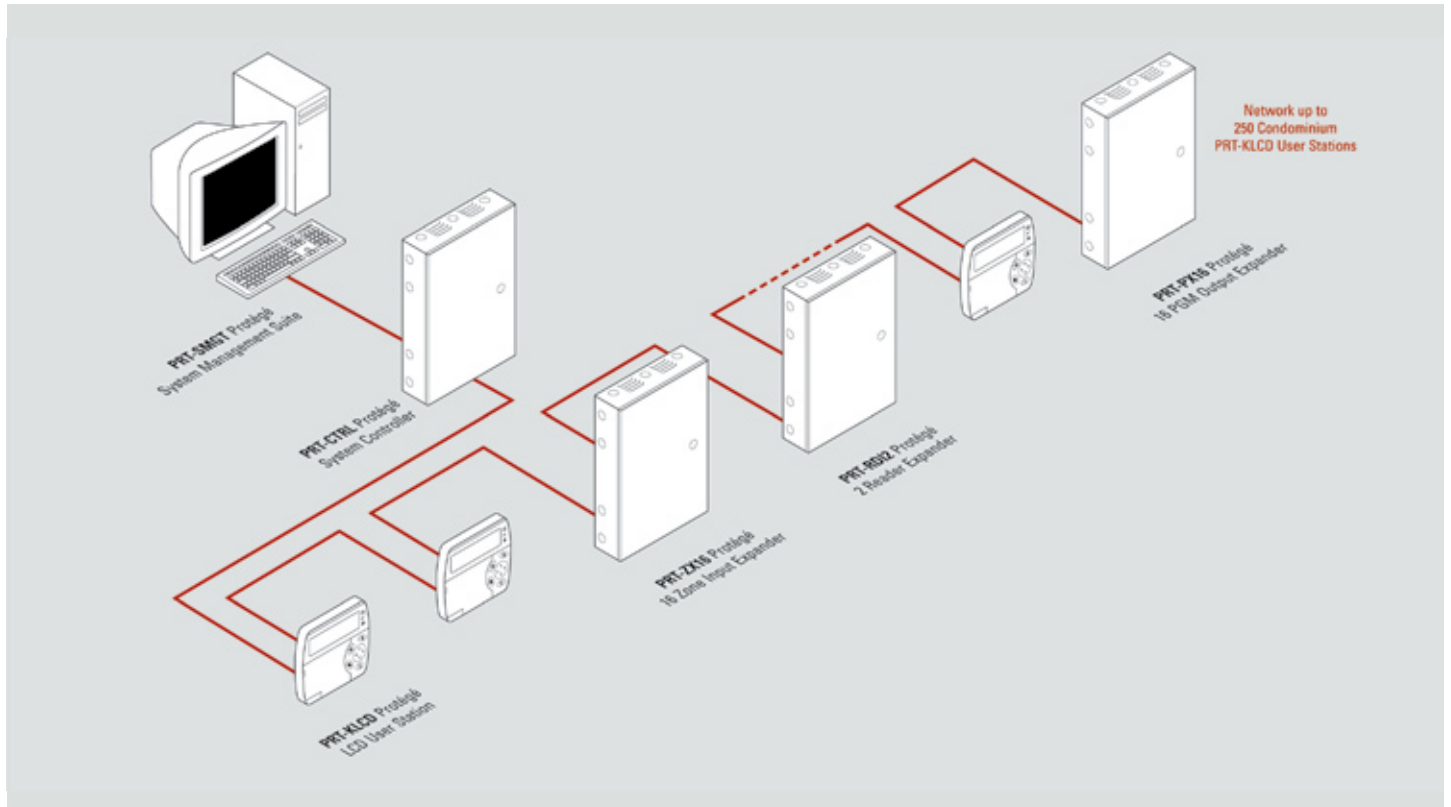
- The Protégé LCD User Station allows an individual end user to have a predefined language setting for bi-lingual installations allowing autonomous operation in multi-cultural facilities.
- English is the primary language and a second language is programmed on the Protégé System Controller at the time of ordering.
- To find out more information or to request a translation pack, visit our website.

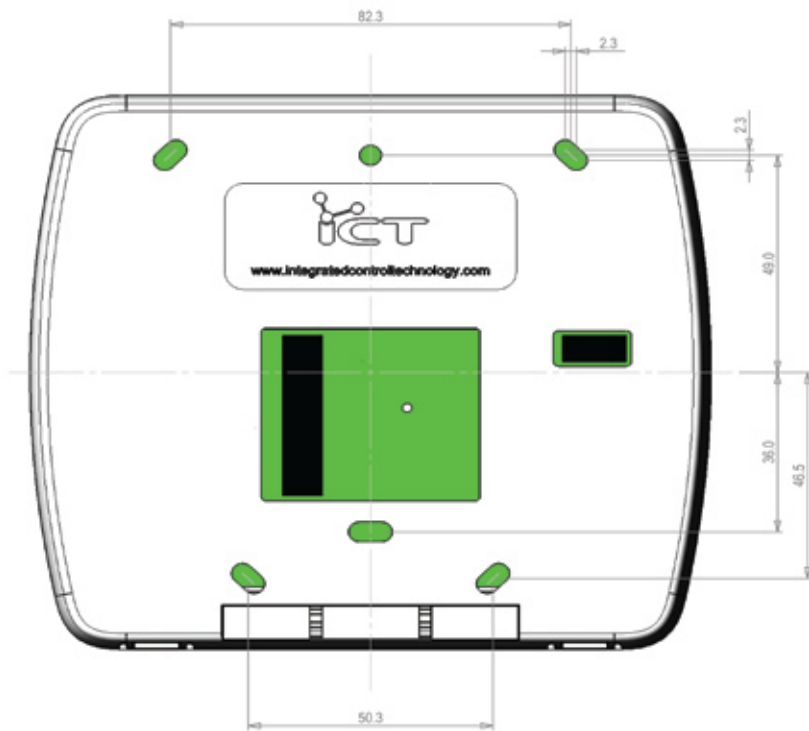
Connectivity and System Expansion

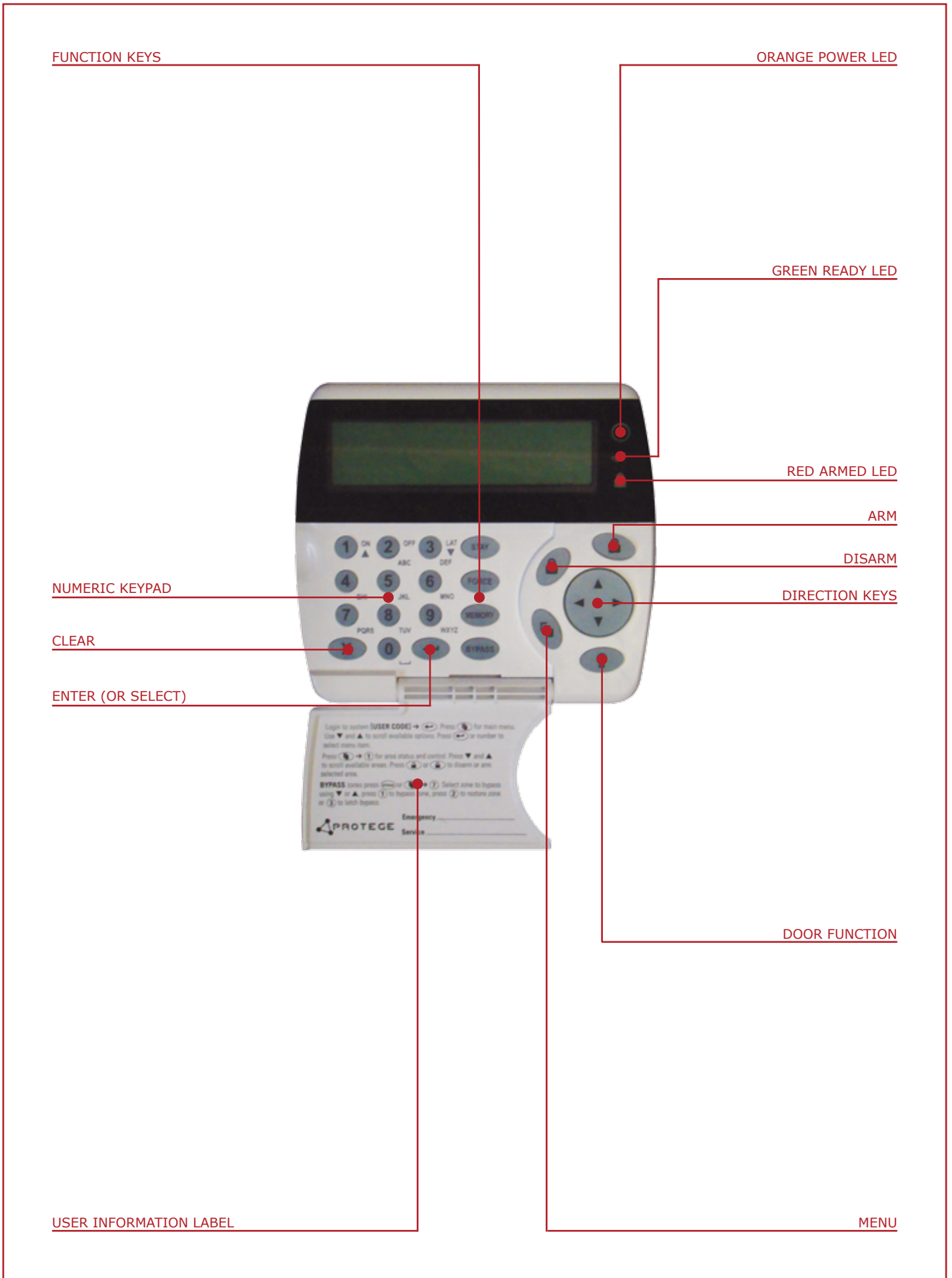
Expanding the Protégé System with local Zone (Input and PGM (Output) from the LCD User Station allows convenient cost effective expansion:

- 4 Zones (Zone Duplex) can be used to perform any system alarm and automation functions with a dedicated enclosure tamper switch.
- 1 Low Current PGM Output for driving any signalling device.
- Intelligent backlight to minimize power consumption
- Configuration and addressing of the Protégé LCD User Station is achieved by a simple easy to follow configuration menu available during initialization.

Standard Configuration







Technical Specifications

Power	Operating Voltage Operating Current	11.5VDC to 13.8VDC 38mA (59mA Max)
Cable Specifications	Protégé RS-485 Encrypted System Network Communication Power	Beldon Part Code 9842 or Equivalent. CAT5 / 5e (up to a maximum length of 300m). 24Awg Minimum
User Interface	Display Keypad	Energy Smart Backlit LCD 16 X 2 Alphanumeric Display with enhanced viewing angle. Energy Smart Backlit 24 Key multi-function silicone membrane.
Languages	English (EN), French (FR), Spanish (SP)	Other languages can be incorporated, contact ICT with your requirement.
Zone (Inputs)	System Zones Enclosure Tamper	2 Standard or 4 using zone duplex mode PCB mounted external micro switch assembly
PGM (Outputs)	System PGMs System PGMs (Display and Audible Functions)	1 Open Collector (Negative, 50mA Max) Outputs. Programmable for all PGM functions. Open collector output for general functions Armed, LED Ready and LED Beeper
Temperature	Operating Storage Humidity	5° to 55°C (41° to 131°F) -10° to +85°C (14° to 185°F) 0%-85% (Non Condensing)
Dimensions	Height Width Depth Weight	126mm (4.96") 139mm (5.47") 24mm (0.9") 318gms (11.21oz)

The size of conductor used for the supply of power to the Protégé LCD User Station should be adequate in size to prevent voltage drop at the power terminals of no more than 5% of the rated supply voltage.

International Compliance Standards:

The Protégé LCD User Station complies with the following international standards.

For an installation of the Protégé LCD User Station to comply with any of the standards all installation procedures and programming configuration settings must be made in accordance with the required standard.

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