



Warning: Please refer to the System Installation Manual for information on limitations regarding product use and function and information on the limitations as to liability of the manufacturer.

Note: These instructions shall be used in conjunction with the system Installation Manual of the Control Panel with which this equipment is intended to be used.

Attention: Ce manuel contient des informations sur les restrictions concernant le fonctionnement et l'utilisation du produit et des informations sur les restrictions en ce qui concerne la responsabilité du fabricant. La totalité du manuel doit être attentivement lue.

Note: Ce manuel doit être utilisé en conjonction avec le Manuel d'installation de la Centrale.

Atención: Consulte el Manual de instalación del sistema para obtener información sobre las limitaciones del uso y funciones del producto, así como las limitaciones de la responsabilidad del fabricante.

Nota: Estas instrucciones deberán utilizarse conjuntamente con el Manual de instalación del sistema del Panel de control con el que se va a utilizar este equipo.

Aviso: Consulte o Manual de instalação do sistema para obter informações acerca das limitações relativas à utilização do produto e funções e informações acerca das limitações relativas à responsabilidade do fabricante.

Nota: Estas instruções devem ser utilizadas em conjunto com o Manual de instalação do sistema do painel de controlo com o qual este equipamento se destina a ser utilizado.



English Installation Instructions

The HS2TCHPRO/HS2TCHPROBLK keypad can be used on security systems with up to 248 zones. These keypads are compatible with the PowerSeries Pro panel models HS248, HS302, HS312.

Specifications

- Temperature range: ULULC: 0°C to +49°C (32°F to 120°F); EN: -10°C to +55°C (14°F to 131°F)
- Weight: 405 g
- Humidity (MAX): 95% R.H. non-condensing
- Plastic enclosure protection grade: IP30, R04 (touchscreen excluded)
- Voltage rating: 11.3 VDC to 12.5 VDC nominal
- Corbus low voltage: 9 VDC
- Connects to control panel via 4-wire Corbus
- Corbus distance: 101 m (332 ft. max.). Corbus distance in Extra Power mode: 54 m (177 ft.)
- Up to 16 keypad/s per system
- HS2TCHPRO/HS2TCHPROBLK current draw (at 12 VDC): 300 mA standby (screen off), 160 mA activated or alarm (Regular, power Programming, test alarm or alarm (Extra Power mode).

- Note:** This does not include 50 mA (max) using PGM output.
- Wall mount bracket
 - Four programmable function keys
 - Ready (Green LED), Armed (Red LED), Trouble (Yellow LED), AC (Green LED), HOME (White LED)
 - Keypad size: 91 mm x 126 mm x 20.35 mm
 - Display area size: 155 mm x 86 mm
 - SD card slot: holds any standard Secure Digital (SD) card (32 mm x 24 mm x 2.1 mm). *If necessary, the SD card can be formatted to the system FAT16 or 32 using the PC.
 - The maximum size SD card supported is 32 GB.
 - Wiring: standard four-wire connection
 - View-angle horizontal viewing angle: 70° left, 70° right
 - Vertical viewing angle: 70° top, 50° bottom
 - Brightness: 100 cd/m²

Unpacking

- The keypad package includes the following parts:
- One keypad
 - Five mounting screws and five anchors for wall-mounting
 - One tamper switch (required for UL commercial burglary listed installations)
 - Installation instructions and User manual

5. Run wire through wiring slot. Connect Corbus wiring to the keypad. See the Wiring section.

6. Place keypad into backplate, ensuring that the wire is pushed back into the wall as much as possible. Route the wire inside the keypad ensuring high components are avoided. Snap the front assembly closed, ensuring it fits flush with the backplate. Any tension is found between the front keypad assembly and wiring, open the keypad, remove the wire and close again. Repeat these steps until the keypad is closed properly.

Wiring

- Before wiring the unit, ensure that all power (AC transformer, telecommunications network, and battery) is disconnected from the control panel.
- Connect the four Corbus wires from the control panel (green, yellow, black and red) to the keypad terminal block as follows:
 - Green to terminal 1 (V)
 - Yellow to terminal 2 (G)
 - Black to terminal 3 (B)
 - Red to terminal 4 (R)
- If programmed as an input, a device, such as a door contact, may be connected to the PZ* terminal of the keypad. This eliminates the need to run wires back to the control panel for the device. To connect the zone, run one wire from the device to the PZ* terminal and the other wire from the device to the B (black) terminal. For powered devices, run the red wire to the R (positive) terminal and the black wire to the B (negative) terminal.
- If the PZ* terminal is programmed as an output, a small relay (such as DSC model RM-1 or RM-2), buzzer or other DC operated device may be connected between the positive supply voltage and the PZ* terminal (max load is 50mA).

Note: PZ* terminal is not to be used for fire applications but can be used for low risk UL commercial burglary applications.

7. Connect the keypad to the system as follows:
- If programmed as an input, a device, such as a door contact, may be connected to the PZ* terminal of the keypad. This eliminates the need to run wires back to the control panel for the device. To connect the zone, run one wire from the device to the PZ* terminal and the other wire from the device to the B (black) terminal. For powered devices, run the red wire to the R (positive) terminal and the black wire to the B (negative) terminal.
 - If the PZ* terminal is programmed as an output, a small relay (such as DSC model RM-1 or RM-2), buzzer or other DC operated device may be connected between the positive supply voltage and the PZ* terminal (max load is 50mA).

Note: PZ* terminal is not to be used for fire applications but can be used for low risk UL commercial burglary applications.

Setting the Keypad Language

Enter [000]0000 to the two-digit language number.

Languages

This section describes how to configure the keypad, including enrollment, proximity tag system, function key assignments and label programming.

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Setting the Keypad Language

Perform a Firmware Upgrade

- Insert an SD card in the HS2TCHPRO/HS2TCHPROBLK with the new firmware.
- Press Options, Installer Menu [Installer Code], Keypad Programming, then Firmware Upgrade.
- Select OK to perform a firmware upgrade (if a new firmware version is available).

Keypad Programming

To enter keypad programming:

- Press Options then Keypad Mode. The virtual keypad is displayed.
- Press [P] [Installer Code].
- Enter one of the following keypad programming sections:
 - [B60] Keypad Star Number. This section is for display only.
 - [B61] [B76] to program keypad 1-16 respectively.

Once a keypad is selected, the following programming options are available:

[000] Keypad Partition Assignment

[011] Keypad Input/Output Programming

[019] Local PGM Output Pulse Activation Time

[021] First Keypad Options

[040] Keypad Partition Assignment

[042] Outdoor Temperature Zone Assignment

[043] Door Chime for Zones 1 - 128

The keypad can be programmed to make up to four different chime sounds for individual zones (e.g., for Zone 1, enter section [011] for Zone 2 enter section [022]).

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Instructions d'installation

The HS2TCHPRO/HS2TCHPROBLK peut être utilisé sur les systèmes de sécurité avec un maximum de 248 zones. Ces claviers sont compatibles avec les modèles de centrale PowerSeries Pro HS248, HS302 et HS312.

Caractéristiques

- Plage de température: ULULC: de 0°C à +49°C (de 32°F à 120°F); EN: de -10°C à +55°C (de 14°F à 131°F)
- Poids: 405 g
- Humidité (MAX): 93 % d'humidité relative, sans condensation
- Indice de protection du boîtier en plastique: IP30, R04 (écran tactile exclu)
- Tension nominale : valeur nominale de 11,3 V CC à 12,5 V CC
- Faible tension Corbus : 9 V CC
- Se connecte à une centrale via un bus Corbus à 4 fils
- Distance Corbus : 101 m (332 pieds max.). Distance Corbus en mode Stuntissime : 54 m (177 pieds)
- Jusqu'à 16 claviers par système
- Appel de courent du HS2TCHPRO/HS2TCHPROBLK (à 12 V CC) : 300 mA en veille (écran éteint) ; 160 mA activé ou en alarme (mode standard) ; 100 mA activé ou en alarme (mode stuntissime)

REMARQUE : cela n'inclut pas les 50 mA (max) pour l'utilisation de la sortie PGM.

Remarque : Pour les systèmes conformes aux normes EN50131-1/EN50131-3, les options 1 et 2 de la sortie [021] doivent être désactivées.

Fixation

Installer le clavier à proximité des points d'entrée et de sortie désignés. Lorsque vous avez choisi un endroit set sûr, procédez comme suit :

1. Si une carte SD est présente dans le clavier, retirez la carte SD avant d'ouvrir l'écran tactile. Voir Figure 1.

Avvertimento : ne démontez pas l'écran tactile sans avoir retiré au préalable la carte SD.

2. Retirez la vis sous le clavier.

3. Introduisez un tournevis dans les fentes et soulevez vers le haut pour retirer l'écran.

Figure 1: Retrait de la plaque arrière

Remarque : la borne « PZ* » ne doit pas être utilisée dans les applications anti-incendie mais utilisée dans les applications anti-intrusion conformes UL/C à faible risque.

4. Fixez la plaque arrière au mur grâce aux trous de montage, voir

