

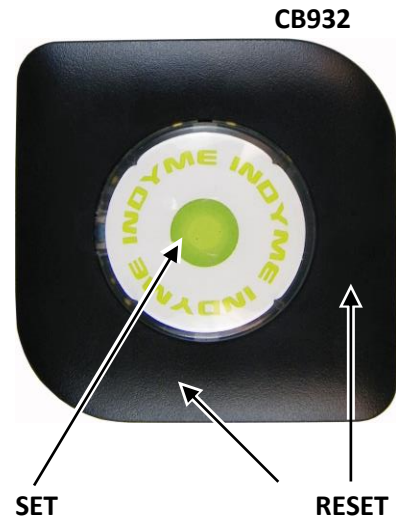
CB932 Wireless Help Button Programming and Installation Instructions

Introduction

The CB932 is a member of the Global Solutions Family. Indyme GSF products operate in the 800MHz – 900MHz frequency spectrum. The CB932 is a 1-button, GSF help button designed for use at customer service or sales floor locations. GSF Help Buttons are designed to communicate with a GSF Access Point. GSF products are not compatible with legacy devices.

Hardware

- (2) #6 x 3/4" Phillips screw
- (2) #6 plastic wall anchor
- (2) strips, double sided adhesive
- (1) package alcohol swap
- (2) AA alkaline battery



Programming Parameters

GSF products **MUST** be properly programmed to establish communication. Programming parameters **MUST** match your configuration. The default settings are for testing purposes only and should not be used. Failure to properly program your help button and access point will prevent your devices from working.

GSF Help buttons have three primary programming parameters; Netcode, Address and Operating Mode. These **MUST** be programmed in the correct order to establish communication and ensure proper operation. Identify the parameters for your configuration before you begin programming. Using the programming instructions below set the following parameters in order.

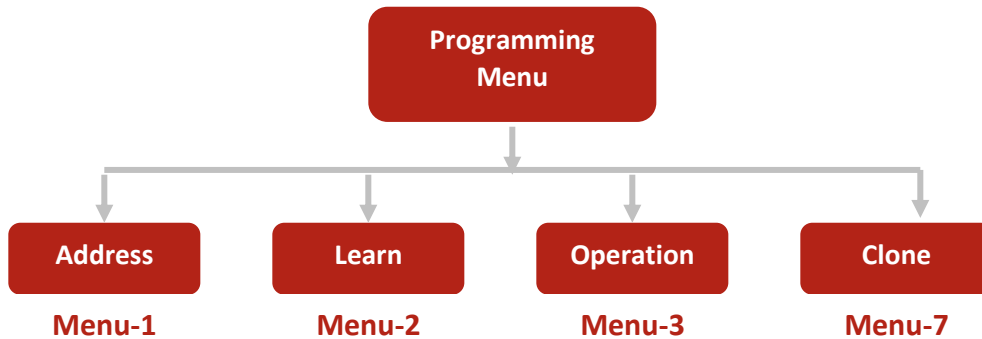
- Netcode – unique identification code for the installation environment.
- Address – alarm number associated with a control unit alarm event.
- Operating Mode – defines how the help button will respond when activated.

Programming a help button requires a series of button presses. The specific buttons vary by device type. On the CB932, **SET is the “large button in the middle”** and **RESET is “the black outer cover”**. The assurance **LED is red and is located BEHIND to the SET button**. This LED will flash during programming to indicate your progress.

Netcode	*00000001
Address	*0001
Operating Mode	*1
* Default parameters are for testing purposes only.	

GSF Help button Programming

GSF Help buttons function in the 800MHz – 900MHz frequency spectrum. These wireless transceivers, communicate with the CB951 Access Point. Each help button **MUST** be programmed with the correct parameters to match the CB951 Access Point(s). Help buttons use a hierarchy based menu structure. You must enter the Programming Menu first, to select the desired submenu. Each submenu may have one or more options available. These options are used to assign specific operational characteristics to the help button. Review the submenus/options before you begin programming. The submenus/options will vary by help button model.



Enter the Programming Menu

Press and hold the **RESET** button until the assurance **LED** flashes one time.

Press and hold the **SET** button, until the assurance **LED** flashes two times.

Press and hold the **RESET** button, until the assurance **LED** flashes three times.

The help button is now in the Programming Menu mode, proceed to the desired submenu.

Menu-1: Address Programming

Assigns the help button to a corresponding alarm event programmed in the control unit. A help button address is a four digit number from 0001 to 4095. Leading zeros are required.

After entering the Programming Menu;

Press the **SET** button one time for **Menu-1**, **RESET** once to save.

The assurance **LED** will flash one time to indicate **Menu-1** was selected.

Use **SET** and **RESET** to program the 4-digit address as follows;

SET = digits 1-9, **RESET** = digit 0 and SAVE. Leading zeros are required

For example, program Alarm-0802 as follows:

- Press **RESET** once to represent the zero. **(0)**
- Press **SET** eight times, **RESET** once to save. **(8)**
- Press **RESET** once to represent the zero. **(0)**
- Press **SET** two times, **RESET** once to save. **(2)**

Note: When the **RESET** button is pressed to save the 4th digit, the assurance **LED** will flash to indicate the address that was entered. The assurance **LED** will indicate digit zero by a long flash. (approximately 1-sec.)

Menu-2: Learn Mode

Allows the help button to capture the Netcode from another GSF device; (help button or access point). All help buttons and access points must have the same Netcode to communicate.

After entering the Programming Menu;

Press the **SET** button two times for **Menu-2**, **RESET** once to save.

The **LED** will flash twice to indicate **Menu-2** was selected.

The **LED** will then begin flashing. ¼ second on, 1 second off. This indicates that the help button is requesting a Netcode. When the help button receives a Netcode, it will flash the assurance **LED** rapidly for approximately 3 seconds and then it will exit **Menu-2**. If no Netcode is received within 5 minutes, the help button will exit **Menu-2**.

Menu-3: Operating Mode

Assigns the help button operating characteristics; timeout duration, RESET signal and number of active buttons. Although set at the help button, the Operating Mode can be reset and overridden by the control unit. Operating Modes will vary by help button type, below are the default modes for this help button.

After entering the Programming Menu;

Press the **SET** button three times for **Menu-3**, **RESET** once to save.

The assurance **LED** will flash three times to indicate **Menu-3** was selected.

Press the **SET** button to select a Help button Operating Mode: <1, 2, ...>, **RESET** once to save.

The assurance **LED** will flash to indicate the selected Operating Mode.

- **Mode 1 - Standard 5-min timeout, No Reset**
Press the SET button to trigger the alarm state; the LED will flash for 5 minutes, then extinguish with no reset sent. The RESET button will send a reset signal for the active channel.
- **Mode 2 - Standard 30-sec timeout, No Reset**
Same as above, with 30-second timeout.

Menu-7: Clone Mode

Allows the help button to broadcast the Netcode to other GSF help buttons. All help buttons and access points must have the same Netcode to communicate.

After entering the Programming Menu;

Press the **SET** button seven times for **Menu-7**, **RESET** once to save.

The assurance **LED** will flash seven times to indicate **Menu-7** was selected.

The assurance **LED** will now flash a cadence of 4-pause, 4-pause... etc. The help button will stay in Clone mode for 5-minutes or until the **RESET** button, is pressed.

Installation

1. Identify all programming characteristics before you begin programming or installation.
 - Netcode
 - Help button Addresses
 - Help button Modes
2. Program the required parameters into the CB951 Access Points first.
3. Use the first CB951 Access Point to clone the Netcode to all of the help buttons. This will ensure the same Netcode is being assigned to all devices. You may also clone the Netcode from a known working help button to all other help buttons. *The Netcode cannot be cloned from a help button to an access point.*
4. Program the Alarm Address and Mode of each help button.
5. Install the help button in accordance with store policy, Indyme work order and/or Americans with Disabilities Act guidelines where applicable.

The CB932 Help button uses two AA-size 1.5-volt alkaline batteries. Always use the same type of battery for optimum performance. **DO NOT use rechargeable batteries in the help button.** To replace the battery, remove the help button from its mounting location. Turn the help button over to the back of the help button. Remove the old batteries from the battery holders. Install the new alkaline batteries. The help button does not lose the programmed characteristics when the batteries are removed.

Location Considerations

Help buttons are typically located at cash registers, service counters or other areas in which customers require assistance. Stores and installers should be aware of the Americans with Disabilities Act (ADA) requirements for accessibility.

Help buttons use a low powered transmitter, and operate best with a clear line of sight to the nearest receiver. Tall shelving, merchandise and metal signs can block or reduce the help button signal.

Help Button Assembly

The help button can be disassembled using a flat-blade screwdriver. Find the slot on the outside of the unit, insert the screwdriver blade and gently twist until the cover pops off. The mounting plate can then be removed in the same fashion.



Install the Help button

1. Verify help button placement with the Store Manager and according to provided instructions. Determine the best mounting method before installing the help button, verify address programming.
 - Wall Mount
 - Counter Top Mount
2. The CB932 has four (4) mounting orientation options available; please see pictures below. Choose the appropriate option for your situation. The CB932 mounting bracket **MUST** be used for all installations.



Orientation F



Orientation C



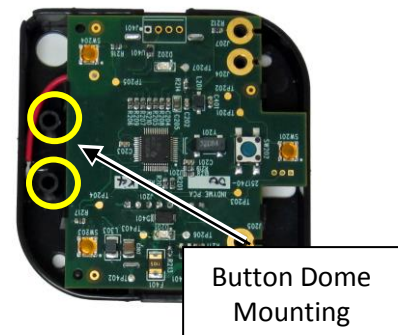
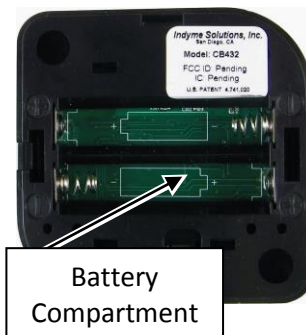
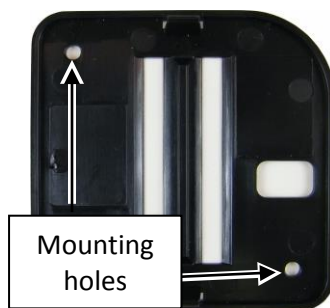
Orientation P



Orientation R

Wall Mounting

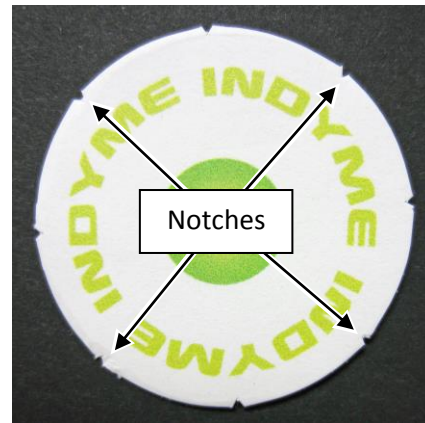
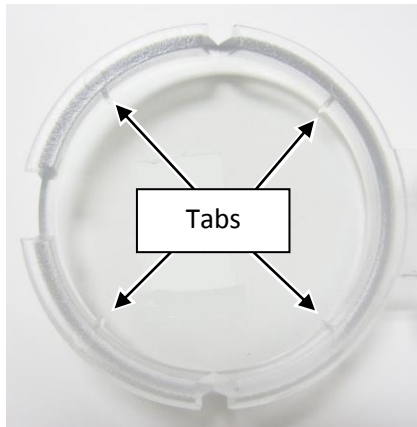
1. Identify the desired mounting height for the **SET** button, typically 48" – 54" off the floor.
2. Align the mounting plate at that height and selected orientation.
3. If mounting to glass or a smooth non-porous surface, use the double-sided adhesive **ONLY**. If mounting to a solid surface or drywall, mark and drill through the two mounting holes.
4. Insert mounting hardware in the two holes and secure the mounting bracket.
 - a. wall anchors and screws if drywall or masonry
 - b. screws only for wood.
5. Insert the batteries and place the mounting holes on the back of the electronic module over the mounting tabs on the mounting plate; push the module down onto the mounting tabs until it snaps in place.
6. Insert the desired graphics into the button dome, paying special attention to the final mounting orientation (see details below).
7. Replace the button dome back into the electronic module by inserting the two (2) posts into the openings shown below.
8. Position the cover over the assembly and gently press it down until it snaps into place.
9. From the final mounting location, press the **SET** button on the help button and verify the appropriate message is broadcast over the desired output device



Inserting Graphics into the Button Dome

Included with this help button is a collection of button graphics that can be exchanged prior to installation. The button dome was designed with alignment tabs inside to allow easy orientation alignment and installation.

1. Select the desired graphic from the collection.
2. Determine the mounting orientation of the help button from the pictures above; F, C, or P.
3. Remove the default graphic from the button dome using a small screwdriver, being careful not to scratch the plastic.
4. Align the notches in the new graphic with the tabs inside the button dome, and gently press the graphic into place. You will want to use your finger to fully seat the graphic until it is completely smooth against the button dome.



FCC Notice of Compliance

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Industry Canada Notice of Compliance

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This Class B digital apparatus complies with Canadian ICES-003.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radioexempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Les changements ou modifications non approuvés expressément par la partie responsable de la conformité pourrait annuler l'autorité de l'utilisateur à faire fonctionner l'équipement.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.