

CB966 Wireless Shopper Help Button

Programming and Installation Instructions

Introduction

The CB966 is a 1-button shopper help button with voice assurance which allows shoppers to request assistance at various retail sales floor locations. The CB966 is a member of the Global Solutions Family, which operates in the 800MHz – 900MHz frequency spectrum. GSF Help Buttons are designed to communicate with Indyme's Smart Response infrastructure.

Programming Parameters

Many of the help buttons are pre-programmed at the factory and labeled with location and address information. If your help button is pre-programmed you can skip ahead to the installation section of these instructions.

CB966 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.

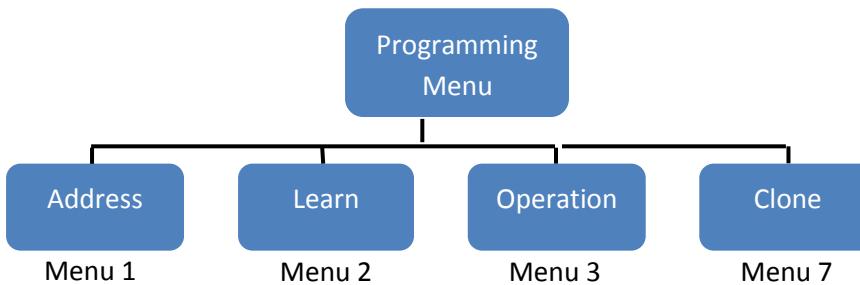
- Netcode – unique identification code for the installation environment.
- Address – alarm number associated with a control unit alarm event.
- Operating Mode – defines how the help button will respond when activated.

Programming a help button requires a series of button presses. On the CB966, **SET is the “large round button”** and **RESET is the “raised button on the bottom right”**. The assurance **LED ring surrounds the SET button**. This LED ring will flash during programming to indicate your progress.

Help button Programming

Help buttons use a hierarchy based menu structure. You must enter the Programming Menu first, and then 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.





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 select.

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, programAlarm-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 select.

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

The **LED** will then begin flashing. $\frac{1}{4}$ 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; 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 select.

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 3-min timeout, No Reset**

Press the **SET** button to trigger the alarm state; the LED will flash for 3 minutes, then extinguish with no reset sent. The **RESET** button will send a reset signal for the active channel.

- **Mode 2 – Reset only**

Press the **SET** button to send a **RESET**, no Attention LED

- **Mode 3 – Demo mode**

Does not require infrastructure, no RF sent, Attention LED set to 60 seconds.

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 select.

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

The CB966 help button uses two 2/3A 3-volt lithium 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, remove the old batteries from the battery holder, and install the new lithium batteries. The help button does not lose the programmed characteristics when the batteries are removed.

Location Considerations

Help buttons are typically located in areas where customers require assistance and service counters. 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 access point. Tall shelving, merchandise and metal signs can block or reduce the help button signals.

Help Button Assembly

The help button can be disassembled using a small Phillips screwdriver. Find the access holes on the outside of the unit, insert the tool and remove two (2) screws, pull the front cover away and down from the sign blade until the cover pops off. The electronics module and other side will remain in place.



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.
 - Gondola end cap
 - Gondola Shelf
 - Wall Mount
2. The CB966 MUST be installed on a sign blade for all installations.
3. Indyme offers several different mounting kits for the CB966 Help Button, each of these includes specific instructions for the included hardware.

Mounting

1. Remove the CB966 from its packaging and disassemble before mounting.
2. Identify the desired mounting height for the help button, typically 48" – 54" above the floor.
3. Install the desired mounting hardware to the sign blade, following the included instructions for that mounting kit.
4. Insert included batteries paying attention to polarity
5. Align the cover over the electronics module and secure into position with the two (2) screws.
6. From the final mounting location, press the **SET** button on the help button and verify the appropriate assurance message is heard locally and that the correct message is broadcast over the desired output device.



Battery holders



Batteries Installed



Secure side cover

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 license-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.

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.

Innovation, Science and Economic Development Canada ICES 003 Compliance Label: CAN ICES-3 (B)/NMB-3(B)