**W-BG12LX Wireless Pull Station**

**SPECIFICATIONS**
- Maximum Operating Voltage: 3.3 VDC
- Maximum Current Draw: 5.0 mA (LED on)
- Average Operating Current: 210 µA
- Maximum Transmit RF Power: 17 dBm
- Radio Frequency Range: 902-928 MHz
- Temperature Range: 32°F to 120°F (0°C to 49°C)
- Humidity: 10% to 93% Non-condensing
- Battery Type: 4 Panasonic CR123A or 4 Duracell DL123A
- Battery Life: 2 year minimum
- Battery Replacement: Upon TROUBLE BATTERY LOW display and/or during annual maintenance
- Dimensions: 5.6’’ (142 mm) H x 4.2’’ (107 mm) W x 2.1’’ (53 mm) D
- Accessories: Battery Cartridge W-BATCART

**BEFORE INSTALLING**
This pull station must be installed in compliance with the control panel system installation manual, the SWIFT Wireless Gateway Manual, applicable NFPA standards, national and local Fire codes and the requirements of the AHJ (Authority Having Jurisdiction). Regular testing of the devices should be done in accordance with the appropriate NFPA standards. Pull stations offer maximum performance when installed in compliance with the National Fire Protection Association (NFPA); see NFPA 72.

**NOTICE:** This manual should be left with the owner/user of this equipment.

**GENERAL DESCRIPTION**
The W-BG12LX wireless, addressable pull station is a UL38-compliant dual-action manual pull station with a key-lock reset feature intended for use with a wireless gateway or wireless fire alarm control panel (FACP). (See Figure 1.) It provides Fire-Lite panels one addressable alarm initiating input. The device communicates through a robust, bi-directional mesh network to the gateway and/or FACP. Rotary dial switches are provided for setting the pull station’s address. (See Figure 2.) Operating instructions are molded into the pull station handle along with Braille text. The wireless pull station meets the Americans with Disabilities Act Accessibility Guidelines (ADAAG) controls and operating mechanisms guidelines (section 4.1.3[13]), the Americans with Disabilities Act (ADA) requirement for a 5 lb. maximum pull force to activate the pull station and conforms to ANSI/UL Standard 38.

Panels offer different feature sets across the various models. As a result, certain features may be available on some control panels, but not on others. The possible feature sets available with the wireless pull station include:
- An LED on the wireless pull station is controlled by the panel to indicate device status. Operational modes include red, green and amber colors in various solid or blink patterns.

**COMPATIBILITY REQUIREMENTS**
To ensure proper operation, this module shall be connected to a compatible Fire-Lite system control panel (list available from Fire-Lite).

**FIGURE 1. WIRELESS MANUAL PULL STATION**

**BATTERY DOOR**
The battery door includes a magnet for activation and tamper resistance. (See Figure 2.) The battery door magnet activates communication to the panel, therefore, the battery door must be installed and closed for the pull station to work properly. The magnet also activates a tamper fault at the panel if the battery door is opened. Do NOT remove this magnet.

**BATTERY REPLACEMENT**
Low battery levels on the wireless devices are displayed as a trouble in the FACP. Therefore when the message “TROUBLE BATTERY LOW” is displayed, replace the battery in the device. This message is an indication that approximately one week of battery life remains.

To replace the batteries in a wireless device use the following steps:

1. Have 4 CR123A (or DL123A) batteries available.
2. Use the key to unlock and open the pull station door.
3. Open the battery compartment. (See Figure 2.)
4. Remove the used batteries and replace with new batteries. Batteries can be inserted directly into the pull station or inserted as a set of 4 batteries pre-loaded in a battery cartridge available from Fire-Lite. (See Figure 2.) The battery compartment and cartridge indicate the correct orientation of the batteries. Carefully align the batteries with these markings, and do not force them into place.
5. Close the battery compartment cover.
6. Close and lock the pull station door.

**FIGURE 2. BATTERY INSTALLATION**

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**INSTALLATION AND MAINTENANCE INSTRUCTIONS**
W-BG12LX Wireless Pull Station

One FireLite Place
Northford, CT 06472
Phone: 203.484.7161

11/06/2017
OPERATION
To activate the dual-action pull station:
Push in and pull down on the handle. The word ‘ACTIVATED’ appears after
the handle is pulled down. This will remain until the pull station is reset.

To reset the pull station:
1. Insert the key into the lock and rotate 1/4 turn counterclockwise.
2. Open the door until the handle returns to normal.
3. Close and lock the door.

NOTE: Closing the door automatically resets the switch to the ‘Normal’ posi-
tion. Opening the door will not activate or deactivate the alarm switch.

SPACING
Wireless technologies can exhibit communication disruption if devices are
spaced too close together. To avoid this form of disruption, SWIFT® devices
should not be placed closer than 2 feet (60 cm) apart without an intervening
structure. For specific information regarding pull station placement refer to
NFPA 72, ADAAG, and ADA.

MOUNTING
To mount the wireless pull station, attach the wireless pull station mounting
plate to a permanent structure. The mounting plate can be surface mounted.
To avoid interference with the wireless network metal electrical boxes are NOT
recommended. Do not detach the door of the pull station during installation.
The door of the pull station cannot be reattached to the main housing after the
pull station has been installed. Place the pull station onto the mounting plate
and secure by tightening all three (3) mounting screws inside the door of the
product housing using a #1 Phillips head screwdriver. (See Figure 3.)

NOTE: Do not attach the pull station to temporary structures such that the
placement could be altered.

FIGURE 3. DEVICE MOUNTING

Mounting Screws
Mounting Plate

C2020-00

INSTITUTO FEDERAL DE TELECOMUNICACIONES
This device utilizes the Honeywell915 rev A radio module and complies with IFETEL standard(s). IFT: RCPHOSW14-1983
WARNING: Do not make changes to the equipment. Changes or modifications not expressly approved by the manufacturer could void the user’s authority to operate the equipment.

LICENSING STATEMENT
Use of these products in combination with non-Honeywell products in a wireless mesh network, or to access, monitor or control devices in a wireless mesh network via the internet
or another external wide area network, may require a separate license from Sipco, LLC. For more information, contact Sipco, LLC or Ipco, LLC at 8215 Roswell Rd., Building 900,
Suite 950, Atlanta, GA 303350, or at www.sipocolic.com or www.intusiq.com.

FCC STATEMENT
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.

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