Honeywell

ADEMCO
Wireless Key Transmitter
Rev B

INSTALLATION AND SETUP GUIDE

GENERAL INFORMATION

The 5878 is a compact, six-button, eight-loop portable wireless transmitter intended for use only with wireless alarm systems that support 5800 series receivers. Individual buttons on the transmitter may be programmed for any zone response, but are typically used for arming and disarming.

This device supports both Standard and High-Security (encrypted) modes. The latter sends rolling-code encrypted messaging to the RF receiver.

> ✓ This device must be used with a receiver or control that supports high security mode i.e.: 5881EN, 5883, 6150RF, or 6160RF receiver or a LYNXR Series control panel (Revision 13 or higher if you intend to use it in high security mode).

The 5878 is powered by one replaceable lithium battery designed to provide up to three years of life. For battery installation, see Replacing the Battery.
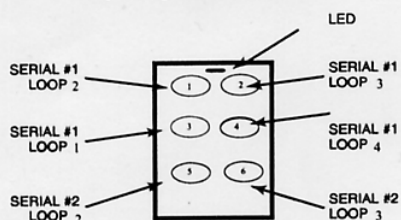

Figure 1 - Button Designations

PROGRAMMING

The 5878 is assigned two unique serial numbers during manufacture and each button, or button combination on the unit also has a distinct "loop" number (refer to Figure 1) that must be programmed into the control panel during installation. Assign each button, or button combination, to one of eight individual zones and designate the Input Type as "BR" (Button Type RF).

1. When prompted, enter the serial number either by:
Pressing and releasing the button (or buttons) that you are programming twice (*wait about 5 seconds between button activations*).
or
Manually through the keypad.

Notes: (1) To activate the transmitter, the buttons must be pressed and held for at least one-half second.

(2) Serial #2 is one (1) digit higher than serial #1, which is printed on the rear of the transmitter.

Loop 4 Setup

Both of the Loop 4 buttons must be enrolled in the control, even if they will not be used. If one or both of the loops is not being used, program it as Zone Type 23 (No Alarm Response). Otherwise assign it to the desired zone type.

2. Exit Programming Mode after programming is complete.

For complete details on how to program the transmitter's serial number at the control panel, see the control unit's installation instructions.

Assigning a Wireless Key to a User

On most control panels, if the wireless key is assigned to arm and disarm the system, you must assign it to a user in order for it to operate. This is accomplished through User Code programming at the control panel. See the control panel's Installation and Setup Guide for specific instructions on programming User Codes.

If you are programming arming and disarming functions on both serial numbers, each serial number must be assigned to a separate user.

SELECTING STANDARD OR HIGH-SECURITY MODE

Notes: For use with LYNXR Series controls earlier than Revision 13, the Standard Mode must be selected.
To select Standard Mode, simultaneously press and hold the 1,3 and 4 buttons for three seconds.
To select High-Security Mode, simultaneously press and hold the 2, 3, and 4 buttons for three seconds.
The LED flashes green when transmitting in Standard Mode and red when transmitting in High-Security Mode.

ACTIVATING HIGH-SECURITY MODE

Note: To ensure proper functionality, it must be synced to the security system.

1. After selecting High-Security mode, put the system in Go/No Go Test mode.
2. To enroll the transmitter in the receiver, simultaneously press and hold the 1,2, 3 and 4 buttons until the panel beeps (see Figure 1). For LYNXR Series controls proceed to step 4.

Note: The LYNXR Series panels will confirm the enrollment by sounding two beeps.

3. To sync the device in High Security Mode, press either the 1,2,3, or 4 button ONCE, until the panel beeps indicating receipt.
4. To enroll the second serial number of the wireless key in the receiver, simultaneously press and hold the 3,4,5 and 6 buttons until the panel beeps.
5. To sync the device in High Security Mode, press the 5 or 6 button ONCE, and hold until the panel beeps indicating receipt. For LYNXR Series controls proceed to step 6.

Note: If no beep is heard, exit Go/No Go mode, and repeat Steps 1 - 5.

6. Exit Go/No Go mode by entering user code + 1 (OFF).

USING TWO RECEIVERS IN HIGH-SECURITY MODE

If the control supports two receivers and you plan to use them in the high-security mode perform the following:

1. Enroll the transmitters into the receivers one at a time, by disconnecting Receiver #2, and enrolling as described in "Activating High Security Mode" (above).
2. Disconnect Receiver #1, reconnect Receiver #2, and repeat the enrollment procedure. This process ensures proper High Security operation with both receivers.

✓ Temporarily disable the receivers' supervisory zones while enrolling, to prevent them from going into "trouble" when disconnected. After enrolling, re-enable the supervisory zones.

REPLACING THE BATTERY

The LED will not flash during transmission if the battery is low. To replace the battery perform the following steps.

1. Pull out the battery tray from the bottom of the 5878.

2. Carefully remove the battery.

3. Insert a new battery.
   Positive (+) end must face up. Use Maxell CR2032, Duracell DL 20325, or Sony CR2032 lithium battery only.

⚠ **Improper installation will result in damage to the battery.**

⚠ *Do not remove the Printed Circuit Board.*

NOTE
POSITIVE (+) SIDE
MUST FACE UP

5805-008-V1

Figure 2 - Battery Replacement

SPECIFICATIONS

Unit Dimensions: 4.5in   x   2.75in   x   .5in

Battery: Maxell CR2032, Duracell DL 20325, or Sony CR2032

USER CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FOR WARRANTY INFORMATION AND FOR DETAILS REGARDING THE LIMITATIONS OF THE ENTIRE ALARM SYSTEM, REFER TO THE INSTALLATION INSTRUCTIONS FOR THE RECEIVER/CONTROL WITH WHICH THIS DEVICE IS USED.

FCC ID: CFS8DL5878

THIS DEVICE COMPLIES WITH PART 15 OF 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.

IC: 573F-5878

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