

**ADEMCO****5804BDV**

## TWO-WAY WIRELESS KEY WITH VOICE STATUS INSTALLATION INSTRUCTIONS

### General Information

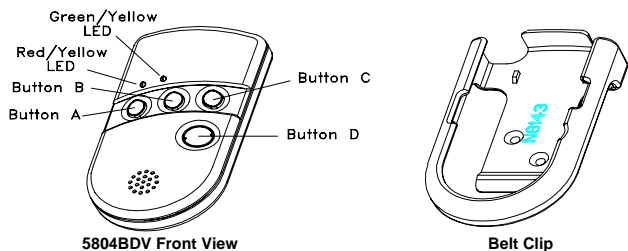
The 5804BDV is a four-button wireless key that permits the user to control the alarm system remotely. It is a two-way device that can send a command to the alarm system, such as to arm or disarm, as well as receive status back.

Status is indicated by two bi-color status LEDs and a piezoelectric sounder. Each button can be programmed for any zone response type, but is typically used for arming, disarming, panic, and output relay operation.

- The 5804BDV must be used in conjunction with one of the following:
  - 5800TM (Transmitter Module) and a 5881 or 5881EN\* receiver.
  - 6128RF receiver.
  - Lynx control panel.
- Place the 5881 or 5881EN receiver and the 5800TM Transmitter Module in a high, centrally located area for best reception. The 5800TM module must be located between 1 and 2 feet from the receiver.

\*Must be used to activate High-Security mode.

The unit is powered by 2 replaceable Lithium batteries designed to provide up to 2 years of life. These batteries are supplied with the unit but not installed (see "To Install/Replace Batteries" for more information).

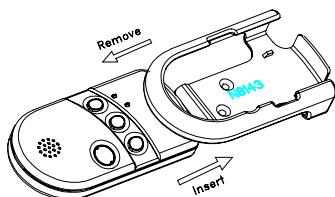


### Loop Assignments:

- Button A =>Loop 3
- Button B =>Loop 2
- Button C =>Loop 4
- Button D =>Loop 1

### Note:

### To Remove or Insert the Unit from Belt Clip



### To Install / Replace Batteries

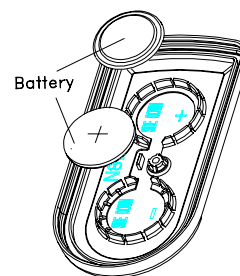
- Remove the screw from the case back.

- Remove case back by using the blade of a small screwdriver to pry open.
- Place batteries in case back locations (see diagram). Use CR2430 or DL2430 Lithium battery only.
- Close the case by snapping case front and back together.
- Replace the screw to secure the case.



### WARNING!

Improperly installing the batteries will cause damage to the batteries.



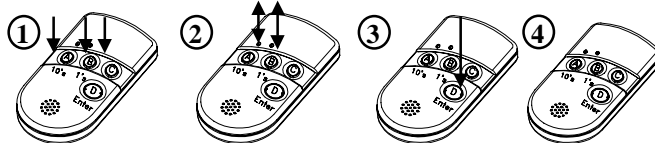
### Programming the 5804BDV House ID

You must program a House ID number into the unit before you can use it to display the system status. **The House ID number must be same as the one used in the alarm control.** The House ID must be in the range of 01 to 31. The default in the 5804BDV is 10.

### To Enter a House ID

- Enter House ID mode by pressing the "A," "B," and "C" buttons at the same time until the Red and Green LEDs alternate flashing.
- Enter the House ID number by using the "A" button to enter the 10's digit and the "B" button to enter the 1's digit. **Note:** If the entry is out of range (greater than 31), the unit will discard the entry.
- Accept the entry by pressing the "D" button.
- The unit displays the stored number by flashing the left LED for the 10's digit and flashing the right LED for the 1's digit (for example, for House ID 21, the left LED will flash twice, the right LED will flash once).
- The unit will then exit the House ID mode.

**Example:** To enter House ID # 17 into the unit:



Enter HID mode:  
Press A + B + C  
buttons until LEDs  
flash.

Enter HID # 17: Press  
& release A button  
once, press & release  
B button 7 times.

To accept entry, press  
D button.

HID will be shown  
by flashing LEDs.  
Then exit HID  
mode.

## To View the House ID

1. Enter House ID mode as described in step 1 (previous page).
2. Depress the “D” button to view.
3. The unit will display the stored number as described in step 4 (previous page). The unit will then exit House ID mode.

## Programming a House ID in the Alarm Control

- On VISTA-40, 50P, 100, and above, use Device Programming mode to enable the RF receiver and enter the House ID number.
- On VIA-30PSE, VISTA-20SE, and below, go to field \*24 and enter the House ID number.

## Programming the Buttons

Each 5804BDV is assigned a unique serial number during manufacture. Each button on the unit also has a unique “loop” number that must be programmed into the alarm control during installation. Assign each button to an individual zone number and program the Input Type as “BR” (Button Type RF) by entering “5” in the control’s Zone Programming mode.

Then, input the serial number by one of the following methods:

- Transmit twice from the device by pressing one of the buttons when prompted for the serial number.
- Enter the serial number manually through the keypad.
- Enter the serial number through V-LINK or Compass downloader software as applicable.

Be sure to include the loop number of each button during programming (see loop assignments on previous page).

**NOTE:** Do not use the 5804BDV for 24-hour silent alarm, as the unit itself is not silent.

## Button C

If you choose **not** to use the “C” button, you must do the following to avoid a “Check” condition when the button is accidentally pressed:

1. Assign this button to a zone.
2. After the serial number has been programmed, re-enter Zone Programming for that zone.
3. At the “Zone Type” prompt, enter **00** and press [\*].
  - a) On VIA-30 controls and below, the system will ask whether you want to permanently delete that zone. Enter **0** (No). This will cause the system to retain the serial number, but render the button inactive.
  - b) On VISTA-40 and above, continue to press [\*] until you see the “Enter Zone No?” prompt again. At this point, Press **00** and [\*]. Then press **\*99** to exit Program mode.

## On VISTA-40 and Above

If a button is assigned to zone type 20 (Arm Stay), 21 (Arm Away), or 22 (Disarm), you must assign a user to the button in order for it to operate.

To assign a user number to the Arm/Disarm button:

1. Enter [4-digit User Code] + 8 + [User No.] + [4-digit new User Code].

2. Answer Yes or No to the “Open/Close Report?” question.
3. Answer Yes to the “RF Button?” question.
4. Enter the zone number assigned to the Arm/Disarm button. The keypad will show the summary of user information on its display.
5. Test the Arm/Disarm button to make sure it operates correctly.

## Activating High-Security Mode



In order to activate this device in High-Security mode you must use a 5881EN receiver.

1. Program the 5804BDV in Zone Programming mode as usual.
2. After programming the unit, exit Zone Programming mode.
3. Enter Go/No Go mode at the control panel (see the control panel Installation Instructions for specific information.)
4. Press and hold the “B”, “C”, and “D” buttons at the same time until the unit’s red and green LEDs flash alternately. The 5804BDV transmits a special signal to the receiver. After 2 seconds, the unit will shut down. The unit is now in High-Security mode.



After activating High-Security mode, Whenever a button on the unit is pressed, the left yellow LED flashes to indicate that the unit is in High-Security mode. If the left yellow LED does not flash when a button is pressed, repeat steps 3 and 4 above.

## Deactivating High-Security Mode

Press and hold the “A”, “C”, and “D” buttons at the same time until the unit’s red and green LEDs flash alternately. After 2 seconds the 5804BDV will shut down and is no longer in High-Security mode. When the unit is not in High-Security mode, pressing any button will cause the right yellow LED to flash.

## Adjusting Volume Level

This unit is shipped with the volume set to the lowest level. To adjust the volume, proceed as follows:

1. Enter the Volume Level Programming mode by pressing and holding the “A”, “B”, and “D” buttons simultaneously until the unit’s red and green LEDs flash alternately. Note that if no button is pressed for 5 seconds the unit will automatically shut down and no change to the volume level is made.
  - a. Press the “A” button for low volume level, or
  - b. Press the “B” button for medium volume level, or
  - c. Press the “C” button for maximum volume level. A tone will be heard for the volume level.
2. Press the “D” to accept.



Volume level affects the life of the battery. Use low volume for maximum battery life.

## Operating the Buttons

### To Activate a Function

To activate a programmed function on a button, press and hold the button down until the yellow LED flashes; then release it.

### System Status Indications Table

LED	LED Condition	Speech	System Status
Red	On Steady	System Armed Away	Armed Away or Maximum
		System Armed Stay	Armed Stay or Instant
	Flashing	Fire Fire Zone (Faulted Zone)	Fire Alarm in progress
		Alarm Alarm Zone (Faulted Zone)	Armed, Burglary Alarm in progress
		Alarm Alarm Zone (Faulted Zone)	Alarm Memory
Green	On Steady	System Disarmed Ready To Arm	Disarmed, Ready to Arm
Yellow (Right)	Flashing	Silent	Indicates RF transmission (Non encrypted)
Yellow (Left)	Flashing	Silent	Indicates RF transmission (encrypted)
Red & Green	Alternately Flashing	Silent	In Enter House ID Mode
			In Enable or Disable Encryption Mode
			In Set Volume Level Mode
Green	Flashing	AC Loss	AC Loss Condition
		Low Battery	Low Battery Condition
		System Disarmed Not Ready To Arm	System Not Ready, Zones Faulted

### To Request System Status

Because the 5804BDV is a two-way device, users can check the system status before arming or disarming their system. To check system status, press and release any button momentarily. The yellow LED will flash after you release the button. After a second or two, the 5804BDV will display the system status information using a combination of LED and sounder activity (see the System Status Indications Table). If 5804BDV does not receive system status information from the panel for approximately 5 seconds, it will shut itself down. It will also shut itself down if there is no button activity within 5 seconds of receiving a status update.



#### WARNING!

This device may not receive the system status properly if it operates within a few feet of the 5881 RF receiver.

### Multiple Button Operations



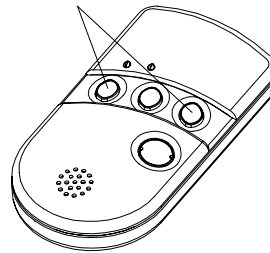
#### WARNING!

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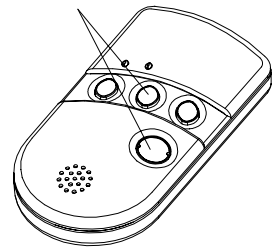
The 5804BDV can generate the same responses as keypad panic key pairs of [\*] + [#] and [\*] + [1] by depressing "A" + "C" and "B" + "D" button pairs, respectively. You must depress the button pair for at least 2 seconds for the 5804BDV to recognize

the button pair command. These button pairs allow the user to activate panic, fire, and medical alarms depending on control panel programming.

A+C Button Pair



B+D Button Pair



### Low-Battery Indication

When the unit goes into a low battery condition, the yellow LED will not flash when a button is pressed. Change both batteries immediately. Refer to instructions in "To Install/Replace Batteries" paragraph on first page.

### Specifications

**Physical:** Belt Clip: 4.1H x 2.2"W x 0.8"D  
 Transmitter: 3.9"H x 2.0"W x 0.69"D  
**Battery:** Maxell CR2430 or Duracell DL2430

FOR LIMITATIONS OF THE ENTIRE ALARM SYSTEM, REFER TO THE INSTALLATION INSTRUCTIONS FOR THE CONTROL WITH WHICH THIS DEVICE IS USED.

### 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.

FCC ID: CFS8DL5804BDU

## FEDERAL COMMUNICATIONS COMMISSION (FCC) Part 15 STATEMENT

This equipment has been tested to FCC requirements and has been found acceptable for use. The FCC requires the following statement for your information:

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause 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:

- If using an indoor antenna, have a quality outdoor antenna installed.
- Reorient the receiving antenna until interference is reduced or eliminated.
- Move the radio or television receiver away from the receiver/control.
- Move the antenna leads away from any wire runs to the receiver/control.
- Plug the receiver/control into a different outlet so that it and the radio or television receiver are on different branch circuits.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user or installer may find the following booklet prepared by the Federal Communications Commission helpful: "Interference Handbook."

This booklet is available from the U.S. Government Printing Office, Washington, DC 20402.

*The user shall not make any changes or modifications to the equipment unless authorized by the Installation Instructions or User's Manual. Unauthorized changes or modifications could void the user's authority to operate the equipment.*

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