

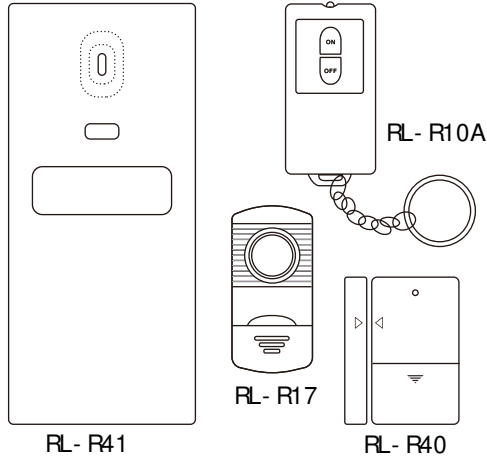
DEFIANT®

Item # 1004 353 430

Model # THD 2000

## USE AND CARE GUIDE

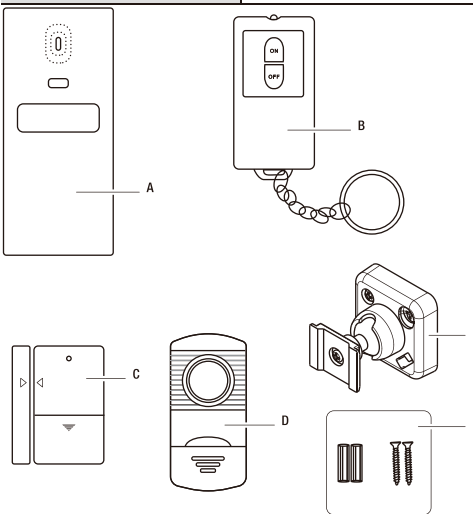
### Alarm Kit



#### THANK YOU

We appreciate the trust and confidence you have placed in Defiant through the purchase of this kit. We strive to continually create quality products designed to enhance your home. Visit us online to see our full line of products available for your home improvement needs. Thank you for choosing Defiant!

### Package Contents



Part	Description
A	Alarm (Main Unit) x2
B	Key fob (Transmitter) x2
C	Door/Window magnetic sensor (Transmitter) x4
D	Vibration sensor (Transmitter with 3M sticker) x2
E	Bracket x2
F	Screw , Anchor and 3M sticker Pack x2

### Specifications

#### RECEIVER SPECIFICATIONS

Working Voltage:	DC 4.5V(1.5V/AA/LR6*3)
Working Current:	≤100mA
Standby Current:	≤0.5mA
Low Voltage Indicator:	≤3.3V
Alarm Volume:	≥100dB(30cm)
Wireless Frequency:	433.92MHz±250KHz
Infrared Detective Distance:	≤6m
Infrared Alarm Angle:	≤100°
Arm Mode Arming:	delays 30s each time
Alarm Mode:	Alarm once triggered
Alarm Time:	30s each time
Wireless Distance:	≥30m (no barrier)

#### TRANSMITTER SPECIFICATIONS

	Remote Key Fob	Door/Window Magnetic Sensor	Vibration Alarm
Working Voltage	DC 3.0V(CR2032)	DC 3.0V(CR2032)	4.5 V (3x battery LR44)
Standby Current	<2uA	≤ 10uA	≤ 6uA
Working Current	≤12mA	≤ 15mA	RF: <15mA RF+ALARM: <100mA
Working Frequency	433.92MHz±250KHz	433.92MHz±250KHz	433.92MHz±250KHz
Working Distance	>30m (no barrier)	≥80m (no barrier)	≥80m (no barrier)
Alarm Volume (30cm)	—	—	>95dB
Time Interval of Each Vibration	—	—	≈5s

### FCC Statement



**WARNING:** Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



**NOTE:** This equipment has been tested and found to comply with the limits for 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

- ☐ The device must not be co-located or operating in conjunction with any other antenna or transmitter.
- ☐ 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.

### Pre-Installation

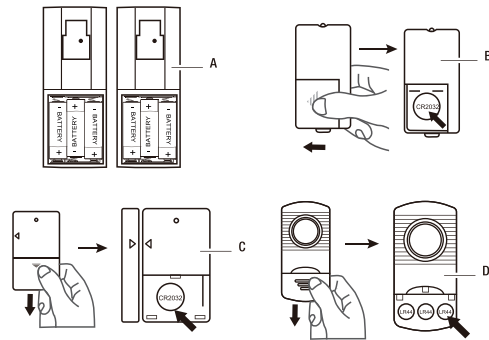
#### PLANNING INSTALLATION LOCATION

- ☐ Place the alarm in an area where you want to discourage potential security threats.

### Pairing the Transmitters to the Alarm

#### 1 Preparing the alarm and transmitters

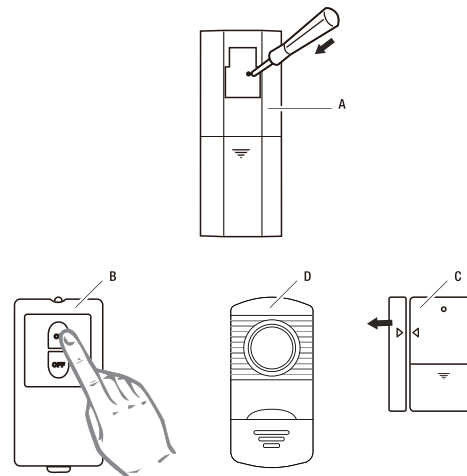
- ☐ Insert three AA batteries (not included into each alarm (A).
- ☐ Remove plastic battery insulation tab from the key fob (B), door/window sensor (C), and vibration sensor (D). Key fob requires 1 CR2032 battery (included).



### Pairing the Transmitters to the Alarm (continued)

#### 2 Pairing the transmitters

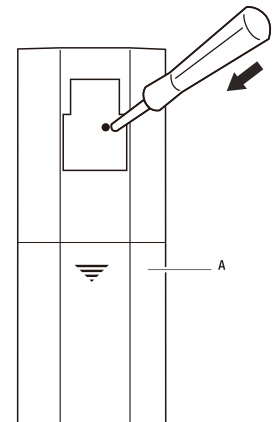
- ☐ Using a screwdriver, press and hold the Code button for 3 seconds on one of the alarms (A). A single beep sounds.
- ☐ Press any button on the key fob (B).
- ☐ Slide the switch on the vibration alarm (D) to RF and then tap the vibration alarm to send a wireless signal to the alarm (A).
- ☐ Separate the magnetic contact from the door/window sensors (C). The red indicator light turns on.
- ☐ The alarm (A) beeps once to indicate the signal is received.



### Pairing the Transmitters to the Alarm (continued)

#### 3 Completing the pairing

- ☐ Using a screwdriver, press and hold the Code button on the alarm (A) again. The alarm sounds two beeps.
- ☐ Release the screwdriver. Pairing is now complete. Repeat these steps for the second alarm (A). You can add up to 32 transmitters to each alarm (A).



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Questions, problems, missing parts? Before returning to the store, call Defiant Customer Service  
8 a.m. - 7 p.m., EST, Monday - Friday, 9 a.m. - 6 p.m., EST, Saturday

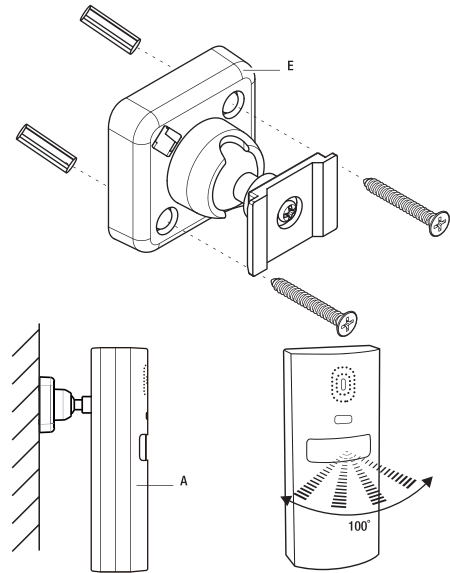
1-866-308-3976

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## Installation

### 1 Installing the alarms

- ☐ Install the brackets (E) to the desired mounting location using the wall anchor screws (F).
- ☐ Place an alarm (A) into each bracket (E) and adjust the angle of the alarm (A) by loosening the screw in the bracket. Tighten the screw once the declination angle is set.

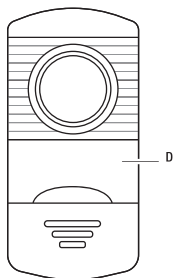


## Operation

### 1 Setting the Vibration Sensor

The vibration sensor (D) has the following switch settings:

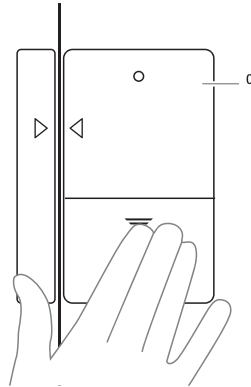
- ☐ Off – The vibration sensor is off.
- ☐ RF – When triggered, the vibration sensor will not sound but instead sends a wireless signal to the alarm (receiver) (A).
- ☐ RF+Alarm – The vibration sensor beeps three times when turned on. When triggered, it sends a wireless signal to the alarm (receiver) and after 2 seconds the sensor sounds for 8 seconds.
- ☐ Install the vibration sensor on the upper corner to middle of the glass door or window, out of the reach of children and pets.



## Installation (cont.)

### 2 Installing the door/window magnetic sensors

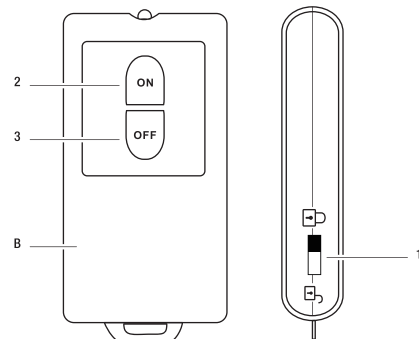
- ☐ Make sure the arrows of both the magnetic strip and sensor are facing each other as shown below.
- ☐ Install the door/window magnetic sensors (C) to a door or window using a 3M sticker.



## Operation (cont.)

### 2 Using the System in AWAY Mode

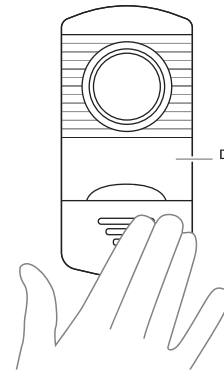
- ☐ Slide the switch (1) on the key fob (B) up for AWAY mode and press ON (2).
- ☐ The alarm (receiver) beeps once. After 30 seconds, the unit enters ARM mode. The alarm sounds and flashes a light if:
  - The door/window installed with the magnetic sensor (C) is opened.
  - The window installed with the vibration sensor (D) is knocked.
  - Someone enters the property and the alarm (A) detects the intrusion.
- ☐ To disarm the alarms press OFF (3) on the key fob (B). When the alarm (A) receives the DISARM command, it will beep twice. If it is in the ALARM status, the sound immediately turns off.



## Installation (cont.)

### 3 Installing the vibration sensors

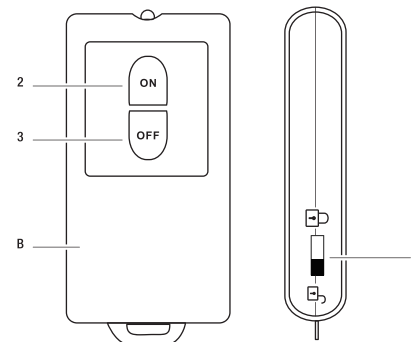
- ☐ Place the 3M sticker on the back of the sensor.
- ☐ Install the vibration sensors (D) on a window using a 3M sticker.



## Operation (cont.)

### 3 Using the System in HOME Mode

- ☐ In HOME mode, you are using the door/window magnetic sensors (C) or the vibration sensors (D). The PIR sensor in the alarm (A) is disabled in this mode. Therefore, your windows and doors are protected by magnetic sensors or vibration alarms whilst you are in the property. If a door or window is opened or knocked, the alarm will sound. To disarm the alarm press "OFF" on the remote key fob (B).
- ☐ Slide the switch (1) down on the key fob (B) to HOME mode and press ON (2). The alarm (receiver) beeps once. After 30 seconds, the unit enters into ARM mode.
- ☐ To disarm the alarm press OFF (3) on the key fob.



**NOTE:** The description above is only for the system with one alarm (A). If you want two alarms in the system and want them to be interlinked, they both must be paired to each other and be paired to the transmitters respectively. After, you must arm two alarms (A) with the key fob (B). Once armed, two alarms will sound if any transmitter is triggered. In the AWAY mode, no matter which alarm detects human movements, two alarms will sound.

## Unpairing the Alarm

To clear codes and unpair the alarm (transmitter) from the receivers, ensure the batteries are removed and press and hold the Code button on the alarm (A). Then insert the batteries. The alarm beeps twice to confirm that the unpairing is successful.

## Troubleshooting

### The alarm (receiver) false alarms.

- ☐ Check if any animals are in the vicinity of the alarm. During warm weather, moving shadows may also activate the alarm.
- ☐ Make sure that the alarm is not positioned near a radiator or heat source.
- ☐ Check if any appliances within the property are emitting a strong electromagnetic field near the door/window magnetic contact. Strong electromagnetic fields may cause the door/window magnetic contact to false alarm.

### The alarm (receiver) cannot receive the signal sent from the transmitter (remote key fob or door/window magnetic contact).

- ☐ Check if the pairing between the transmitter and the receiver has been successful.
- ☐ If the pairing was successful, check the battery voltage for both the receiver and the transmitter. Low voltage will cause the product to fail.

### The alarm detects movement, however, no alarm sounds.

- ☐ Check if the low battery indicator is flashing (please replace batteries immediately).
- ☐ If the unit is armed and set in the HOME mode and the alarm detects an intrusion, the alarm will not sound. The PIR Sensor in the alarm is disabled in HOME mode.
- ☐ Check if the receiver is installed correctly.