

# Installers & User guide **Deadbolt Dash.** DAX5E, DAX6E

# Hi there!

We're so glad you've decided to join us on this journey to create a world without keys. You're officially an igloohomie!

In this guide, you'll find everything you need to get started with your lock. We hope that we've been as comprehensive and informative as possible. Afterall, we're here to make life easier for you (at least when it comes to your home's access).

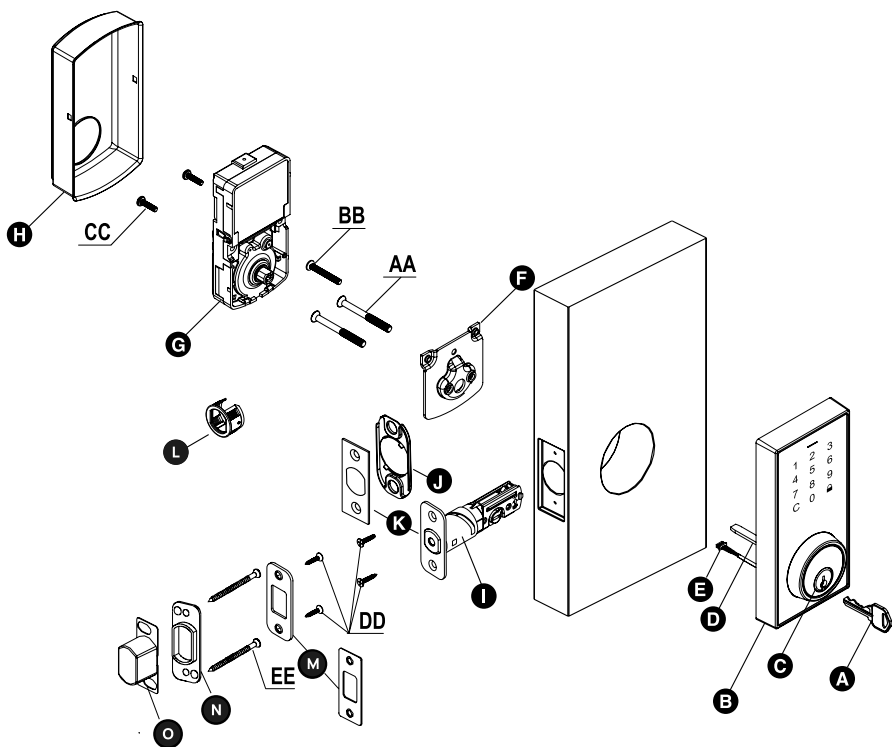
If you do not find what you're looking for, please reach out to us at [support@igloohome.co](mailto:support@igloohome.co) because we love interacting with you!

We're always updating our guides because we want to keep things fresh!  
You can visit [igloohome.co/support](https://igloohome.co/support) periodically to view the latest version.

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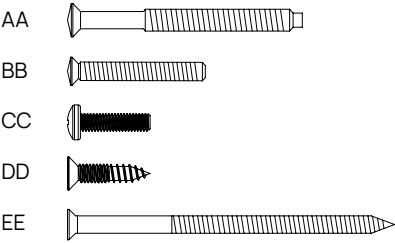
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# What's Included



- A** 2 x Key
- B** 1 x Keypad Assembly
- C** 1 x Key Cylinder
- D** 1 x Cylinder Tailpiece
- E** 1 x Main Cable
- F** 1 x Mounting Plate
- G** 1 x Thumbturn Assembly
- H** 1 x Battery Cover
- I** 1 x Deadbolt Latch Assembly
- J** 1 x Bottom Plate (optional)
- K** 1 x Square or Radius Face Plate (optional)
- L** 1 x Drive-in Collar (optional)
- M** 1 x Strike Plate
- N** 1 x Reinforced Strike Plate
- O** 1 x Dust Box

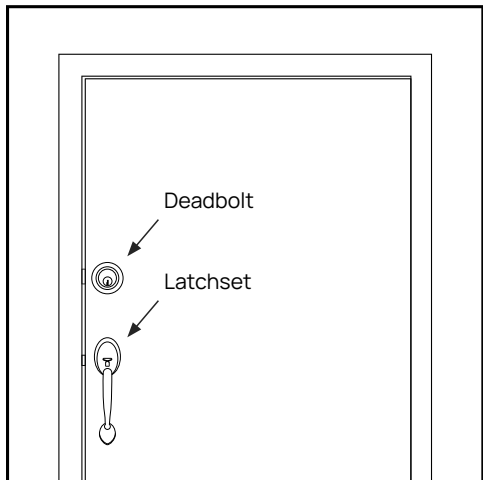
## Screw Sizes



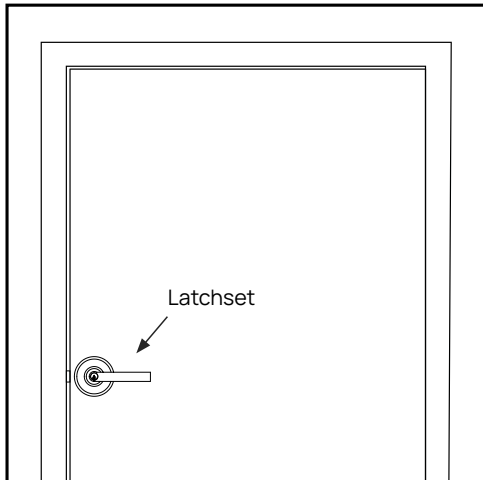
# Hello!

## Start here

If this is Retrofit then continue below:

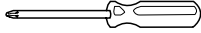


If this is a new installation then click **here**:

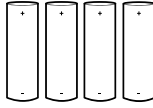


# Retrofit Installation Steps

What you need:

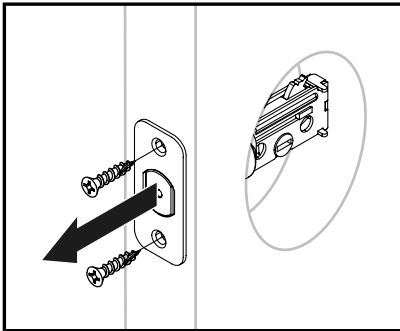


Phillips Screw Driver



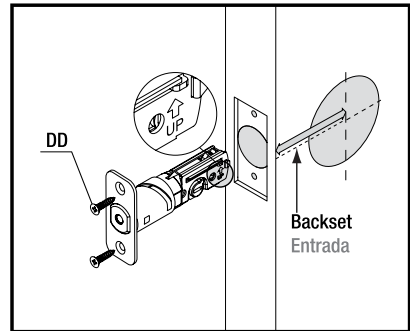
x4 AA Batteries

## 1 Remove Existing Deadbolt



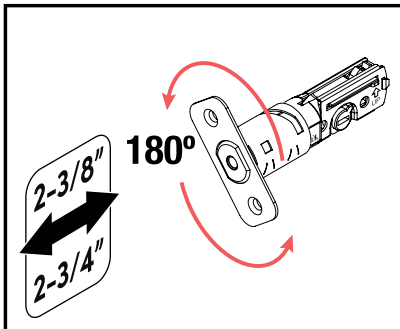
Remove existing deadbolt from your door.

## 2 Install Deadbolt Latch



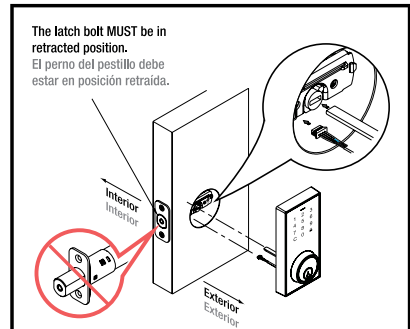
Install deadbolt latch into the door ensuring alignment as shown, with "UP" towards top.

## 3 Set Latch Backset and Secure in Door



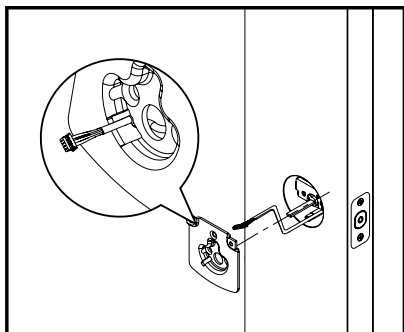
If required, increase the length of the deadbolt by twisting it before inserting into door.

## 4 Assemble Keypad Body through latch



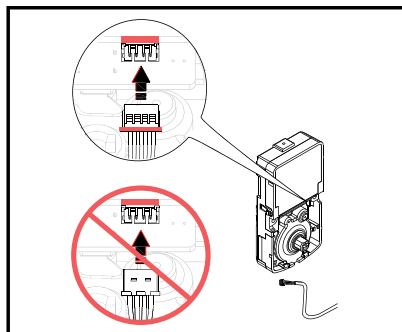
Install the keypad assembly. The tailpiece should be in the horizontal orientation.

## 5 Assemble Mounting Plate and secure



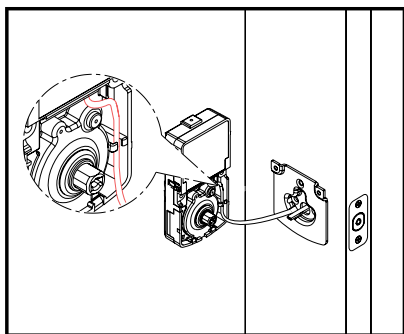
Insert cable through hole in the mounting plate. Fasten it to the keypad body with 2 longer screws + 1 shorter screw.

## 6 Connect cable to Thumbturn Body



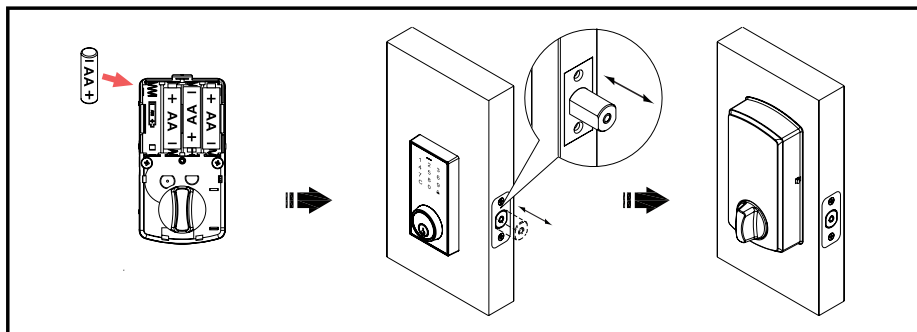
Remove battery cover. Connect cable to thumbturn body.

## 7 Fasten Thumbturn Body



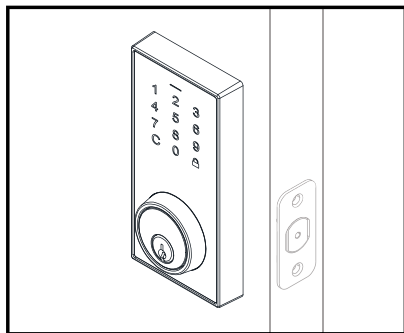
Rotate thumbturn to fit. Fold cable into empty space and tuck under tab. Fasten thumbturn body with 2 CC screws. Don't attempt to rotate the thumbturn yet.

## 8 Check thumbturn movement



Insert 4 x AA batteries (not included). Lock will auto calibrate on power up.  
Replace the battery cover.

## 9 Auto-Calibrate Lock Handing



Once calibrated, rotating the thumbturn should lock & unlock the deadbolt with ease. Adjust/Install the strike & dust box if needed.

**Installation Notes:** Deadbolt should not be taking any pre-load from weather seals or door warpage. If it is, look to adjust the latchset strike so that latchset takes this pre-load instead. Additionally, it might be necessary to adjust the location of the Deadbolt Strike Plate. Check the deadbolt operation to confirm that motion is smooth with low resistance. Weather condition changes such as temperature and humidity, can affect an installation over time. In particular, wood doors may swell or contract, which might cause changes to the lock performance over the opening's life-span. Please re-check the installation periodically, with the door open and door closed, to check for a bind or misalignment of the deadbolt and strike.

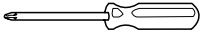
# Congratulations!

**Congrats! You have installed your lock.**

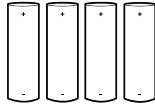
Download the igloodeveloper or other partner application from the App Store or Google Play Store to complete setup & configure your smart lock.

# New Installation Steps

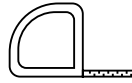
## What you need:



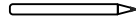
Phillips Screw Driver



x4 AA Batteries



Measuring Tape



Pencil



Electric or  
Cordless Drill



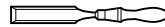
1/16" Drill Bit



1" Hole Saw



2-1/8" Hole Saw

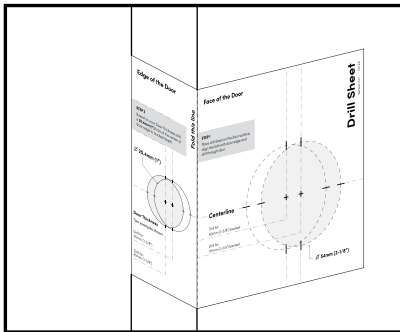


Wood Chisel



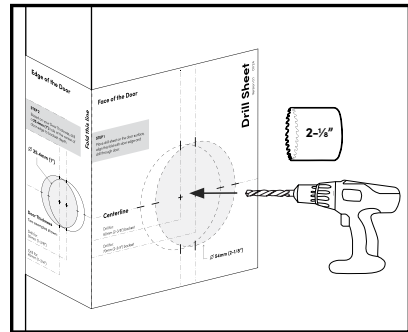
Hammer  
(or routing tool with 1/2" diameter bit)

## 1 Position Drill Sheet



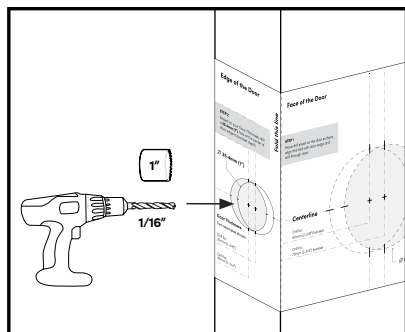
Fold the Drill Sheet and line up along the door edge with the text right-side up, noting that the sheet will be affixed to either the inside or outside door face, depending on your door handing. Typically, the deadbolt centerline will be installed at a distance of 5-1/2" above the centerline of the latchset. Tape the Drill Sheet into place.

## 2 Prep Door Face



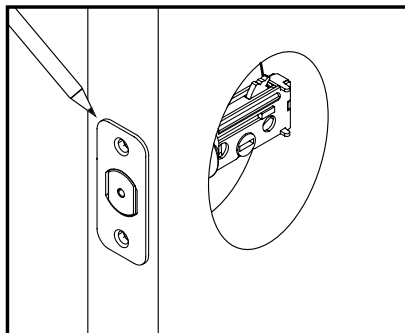
Selecting the backset that is preferable to you (we recommend using a backset which matches the knob or lever backset), use an electric drill with 2-1/8" hole saw to drill completely through the door. Be sure to hold the drill level and straight against the door face when drilling.

### 3 Prep Door Edge for Bolt



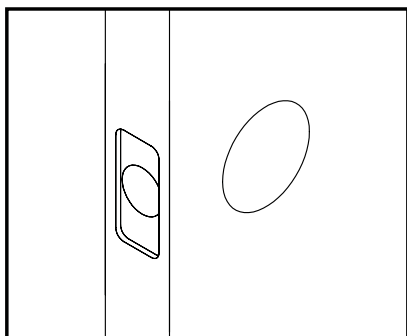
Now, select the 1" circle centerline shown on the sheet which is located at the center of the door edge. Note that for certain door thicknesses, it might be necessary to reposition the Drill Sheet. Use a 1/16" diameter drill bit to drill a pilot hole from the door edge until it breaks through to the door face thru-hole. Be sure to hold the drill level and straight against the door edge when drilling. Enlarge this hole using a 1" hole saw.

### 4 Mark Faceplate on Door Edge



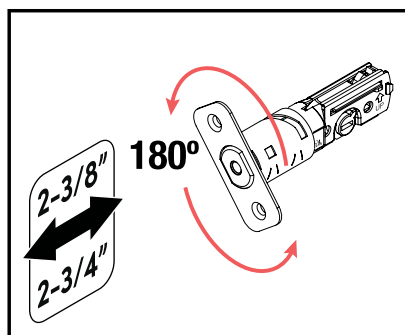
Insert the latchbolt assembly into the 1" hole, and use pencil to trace the outline of the deadbolt latch faceplate onto the door edge.

### 5 Prep Door Edge for Faceplate

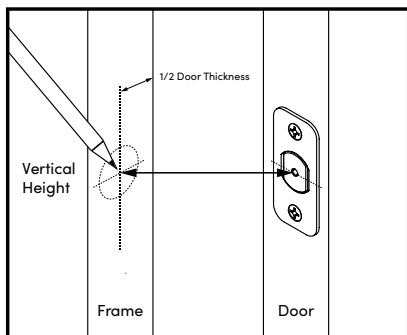


Rout the faceplate clearance to a depth of 1/8".

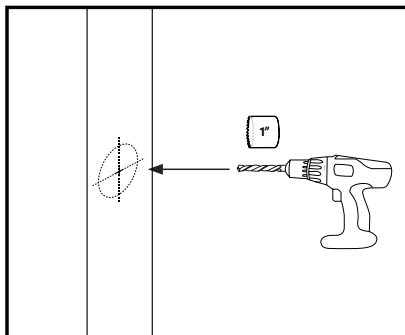
### 6 Set Latch Backset and Secure in Door



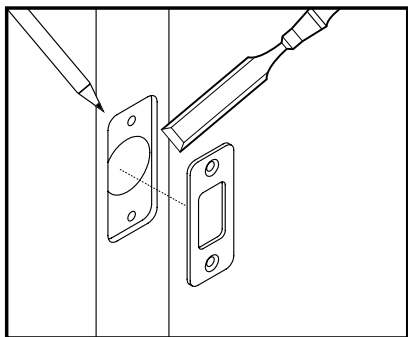
If required, increase the length of the deadbolt by twisting it before inserting into door.

**7****Mark Bolt Position on Door Frame**

First use a pencil to transfer the vertical height of the bolt position onto the frame. Next, mark the distance from where the door stops on the frame to one half of the door thickness. The intersection of these two lines marks the center of the bolt.

**8****Prep Door Frame for Bolt**

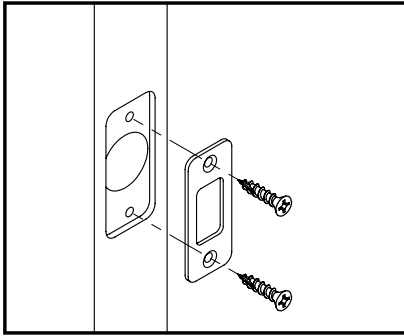
At the marked bolt center, drill a hole to a depth of 1" using the 1" hole saw. Be sure to hold the drill level and straight against the frame when drilling. Close the door and rotate the cam with a screwdriver to verify that the bolt extends fully into the strike hole. The bolt should operate smoothly, with low resistance.

**9****Prep Door Frame for Strikeplate**

Next, position the strikeplate to trace out the strikeplate relief area. Use a router or chisel and hammer to rout the marked rectangular area to a depth of 1/8".

**10**

**Fasten strikeplate and check for bolt alignment**



Attach the Strike Plate using 2x DD Screws. Gently tighten the Screws with a Phillips Head Screwdriver. Then, close the door and use screwdriver to check for full bolt extension and retraction.

Optional - mark pilot hole locations for the two screws and drill 1/16" holes approximately 1" deep.

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**Go to Retrofit Installation Step 4 "Assemble Keypad Body through Latch"**

# Features

## PIN / Bluetooth Unlock



### KeyFob One-Touch Access

Register up to (50) MiFare key fobs for low-friction, keyless access to your home.



### Remotely Generated Pin Code Access

Create and share access from anywhere in the world with our patented algoPINTM technology.



### Custom Pin Code Access

Create and share custom 4 to 6 digit PIN codes via **Bluetooth®**, whose use can be set for one-time, duration, scheduled, or permanent access.



### Owner and Guest Bluetooth® E-Keys

Using **Bluetooth®** technology, lock owner can use a mobile phone to gain access and create duration E-Keys to allow guest access.



### Apple Watch Access

Using **Bluetooth®** technology, lock owner can use Apple Watch or Siri shortcuts to gain access.

## Lock



### Auto Unlock

Selectable feature which enables your mobile phone to automatically unlock your deadbolt upon approach to your home, using **Bluetooth®** and Geo-fencing technology. No need to remove your phone from your pocket!



### Auto Lock

This selectable feature allows you to set your lock for automatic relock based on a time delay after unlock, to any value between 5 and 180 seconds.

# Features

## Security / Alarms

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### Manual Relock Options

If you would rather lock your deadbolt manually, you can choose any of the following methods: a 1 second press of the Unlock button, **Bluetooth®** owner and E-Key Credentials, Apple Watch/ Siri Shortcuts via **Bluetooth®**, or the physical rotation of the thumbturn or key.



### Decoy PIN Code

Heighten security and throw off onlookers by entering random digits before your actual PIN code.



### Tamper Alarm

The lock will sound an alarm if it is being pried from the door to alert and deter potential tampering efforts.



### View Lock Activity Logs

View all lock access activity by credential used, and view the current battery life remaining in the native or partner mobile app.



### Security Lockout

Selectable feature which disables the keypad after several incorrect access attempts to ensure your property is always secure.



### Physical Key Backup

You can always utilize the included (2) physical keys to access your home.

## Others

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### Volume Control

Adjust the lock volume according to your preference. Select from levels 0 (mute) to 100 (loudest).



### Integrations with 3rd Party Applications

Reach out to our team to learn more about integrated services to maximize your deadbolt's capabilities.



### Peripherals (Not included)

Connect your lock to Wi-Fi via the igloo EB-1 Bridge. Or, utilize our **Bluetooth®** enabled keypad or keyfob to customize your deadbolt access experience.

# Audio and LED Indications

| Actions                             | Indications                                                              |
|-------------------------------------|--------------------------------------------------------------------------|
| Bluetooth® Connection               | 'Unlock' icon and keypad LED flashes Blue                                |
| Successfully Unlocked               | 4 fast ascending tones and keypad LED flashes Green twice after unlocked |
| Successfully Locked                 | 1 long beep and keypad LED flashes Green once after Deadbolt is locked   |
| Incorrect PIN                       | 4 short beeps and keypad LED flashes Red twice                           |
| Deleted PIN                         | 3 sets of 4 short beeps and keypad LED flashes Red twice                 |
| Obstruction Alarm                   | 6 sets of 4 short beeps and keypad LED flashes Red 5x                    |
| Privacy Mode Mode Activated         | Very long beep                                                           |
| Privacy Mode Mode Deactivated       | 2 short beeps                                                            |
| Keypad Security Lockout Alarm       | Low-high siren for 30 / 60 / 90 seconds                                  |
| Keypad Security Lockout Deactivated | 2 long beeps                                                             |
| Low Battery Alert                   | 3 fast descending tones when keypad is woken up                          |
| Tamper Alarm                        | Keep long beep                                                           |
| Hard Reset / Unpair                 | 4 slow descending tones                                                  |

# Troubleshoot

## **The lock is unpaired, but the thumbturn is difficult to rotate. What should I do?**

- First, ensure that the lock is powered. Upon lock startup, the auto calibration process will initiate and this should solve the issue.
- If issue persists, investigate any reasons why the bolt cannot retract and extend normally. Then trigger calibration again via a lock power cycle.

## **The lock is paired and had been working just fine. But now the thumbturn is difficult to rotate. What should I do?**

- There are a few possible scenarios which can cause this behavior.
- To get the thumbturn working smoothly, perform the following steps:
  1. Long press the Unlock button, and wait for the bolt travel to complete.
  2. Enter a valid PIN Code and short press the Unlock button, and wait for the bolt travel to complete.
  3. Finally, long press the Unlock button again, and wait for the bolt travel to complete.
- Your lock has been re-calibrated, and thumbturn should now operate smoothly.

# FCC 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.
- (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.

**Note:** 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.

## FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

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