

DE2000

ELECTRONIC KEYPAD DEADBOLT

featuring

SC1 KEYWAY



SMARTKEY
SECURITY™



QUICK START INSTRUCTIONS

Tell 

Welcome to the Tell family!

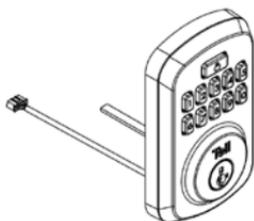
This guide will get you up and running with your new DE2000 Electronic Keypad Deadbolt.

If you have any issues, please email us at:
tell.sales@assaabloy.com
or call us toll free us at: 1-800-433-4047.

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Parts in the Box



Exterior assembly



Interior assembly



Interior cover

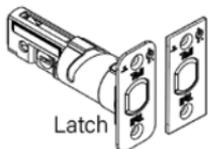


4-AA
Batteries

Step 1 Parts

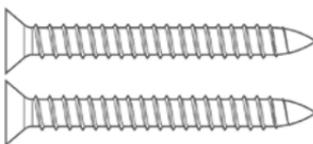
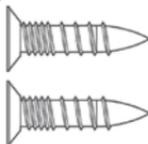
03809

Actual Size



Latch

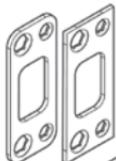
Collar



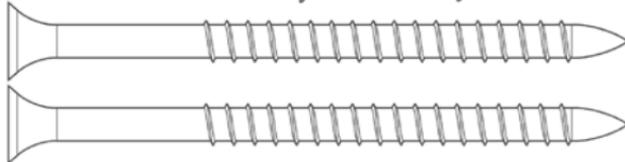
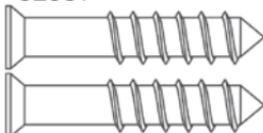
Step 2 Parts

52531

Actual Size



Strikes



Step 3 Parts

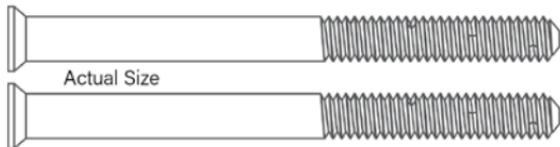


Mounting plate



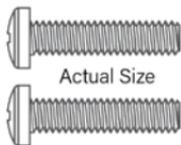
Keys

52367



Actual Size

52502



Actual Size

29640

Battery Cover Screw



Hex Wrench



Step 4 Parts



SmartKey™ tool with instructions

Required Tools

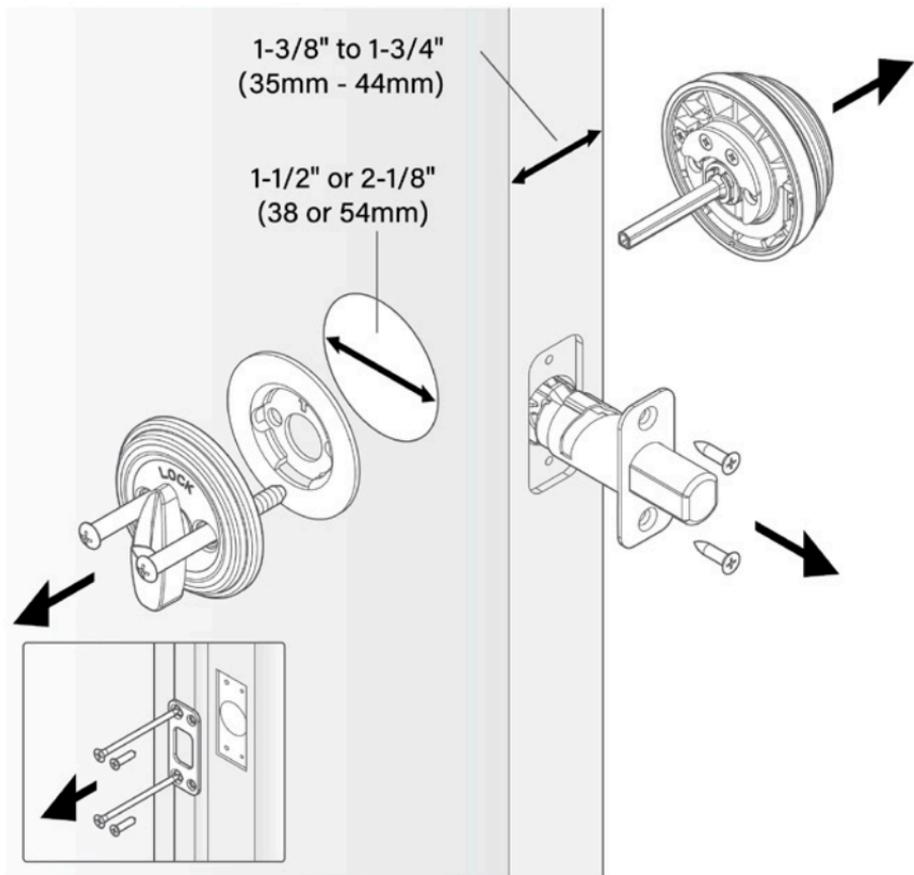


Philips screwdriver

No electric drills

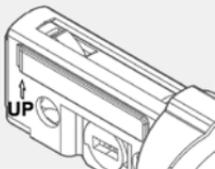
Installation

! Remove your existing deadbolt and strike



1 Install the latch

A UP is on top.



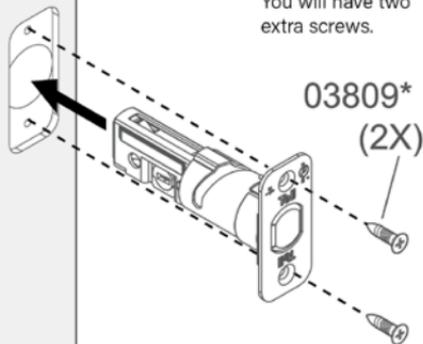
B If the rectangle shaped hole is not centered in the door hole, rotate the latch face to extend the latch.



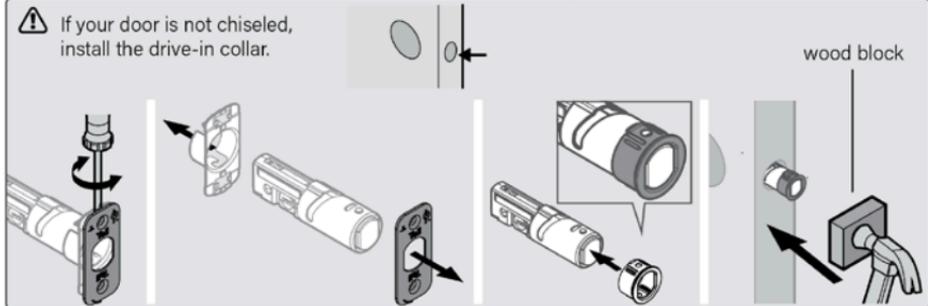
[OUTSIDE]

*Use the longer screws if the holes are worn out.

You will have two extra screws.



! If your door is not chiseled, install the drive-in collar.



2 Install the strike

* Install the longer screws
closest to the door jamb.

52531*
(4X)

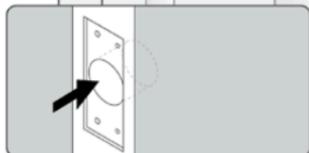
Use the longer screws if
the holes are worn out.

Please note there will be
two extra screws.

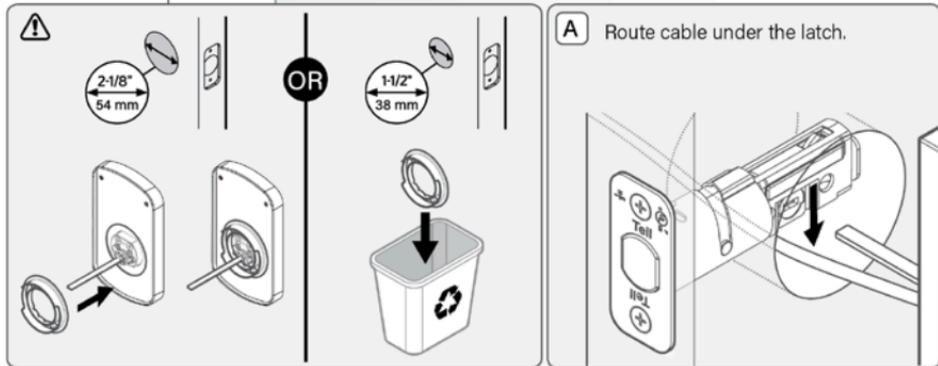
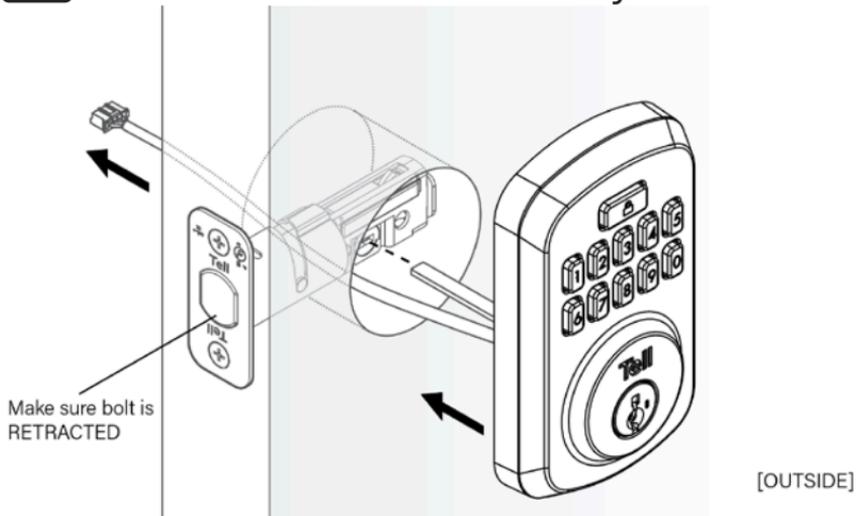
DOOR
JAMB



Use supplied
strike plate
when frame
preps are
set-up for two
screws only.



3.1 Install the exterior assembly



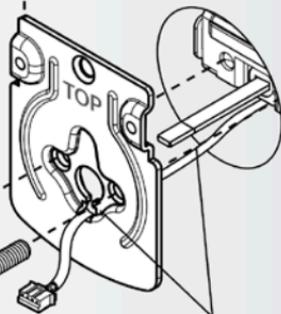
Tighten the screws evenly.
DO NOT over-tighten.



Keep parallel to
the door edge

TOP on the
mounting plate
should be visible

52367
(2X)

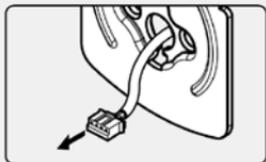


Make sure the flat
blade is centered in the
mounting plate hole.

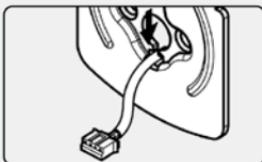


[INSIDE]

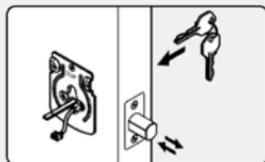
- B** Route the cable through
the center hole of the
mounting plate.



- C** Push the cable into
the bottom hole of
the mounting plate.

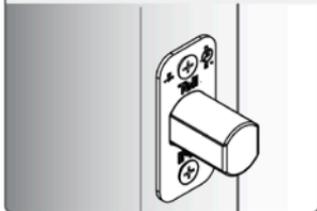


- D** Insert the key and test the
latch. If the latch does not
extend or retract smoothly,
adjust the screws. Leave
bolt LOCKED/EXTENDED.

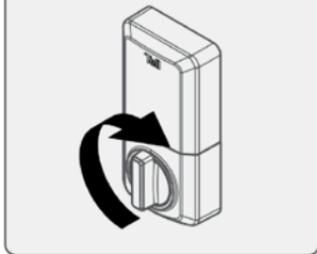


3.2 Install the interior assembly

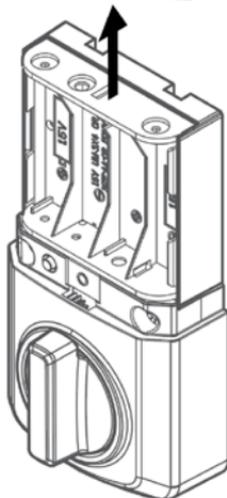
-  Check to make sure the latch bolt is in the extended/locked position to install the interior assembly.



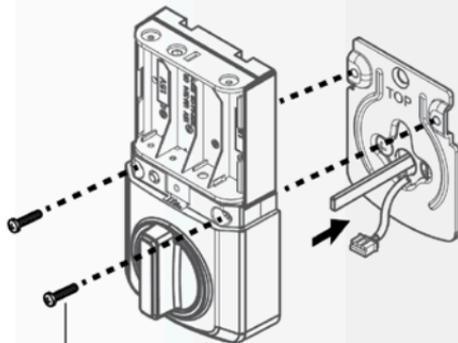
-  If the turnpiece is not pointing up, rotate the turnpiece until you hear a click.



Remove the interior cover from the interior assembly.



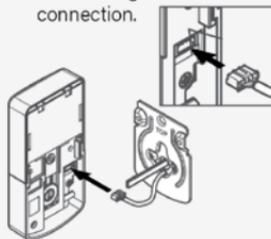
Secure the interior assembly
onto the mounting plate.



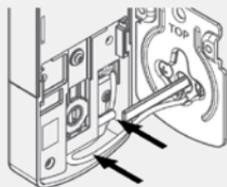
52502
(2X)

[INSIDE]

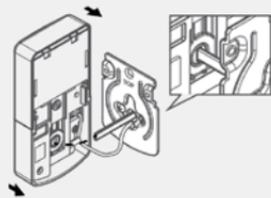
- A** Connect the cable.
Ensure a tight cable
connection.



- B** Route cable around
the side notch and
bottom of the interior
assembly.

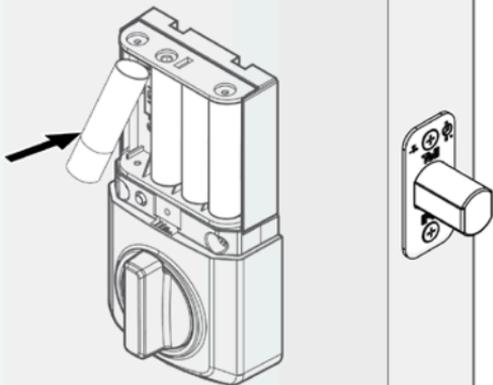


- C** Insert the flat blade into
the turnpiece shaft.



4 Install the AA batteries

Ensure the door is open while installing batteries.



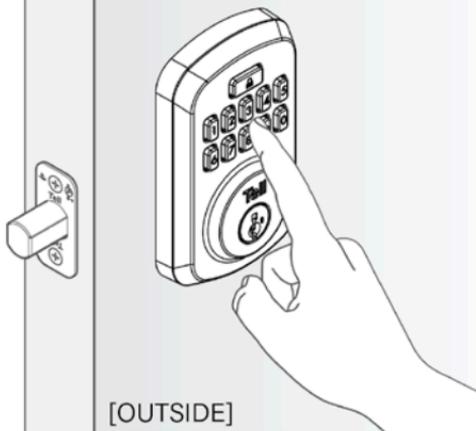
 Ensure correct polarity. For best results, use new, non-rechargeable Alkaline batteries only.

[INSIDE]

5 Add a User Code and install cover

Add a User Code per instructions on page 19.

After the first User Code is created, the latch bolt will automatically retract and extend to learn the locking and unlocking direction of the door.



Use hex wrench to secure the interior cover onto the interior assembly.



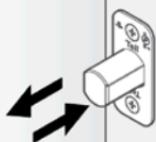
Bolt will extend and retract to learn the orientation of the door.

Keypad will indicate success or failure.

Green: Door handing was successful.

Red: Door handing was unsuccessful.

Make sure the interior and batteries are correctly installed.



- ⚠ Before you can lock or unlock the door a User Code must be created. Refer to page 19 for instructions on how to create a User Code.

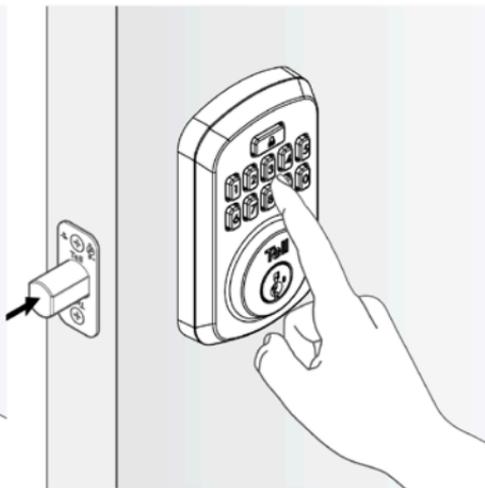
Locking

To lock your door, press the Lock Button . The lock will beep and the keypad will flash amber as the bolt extends.



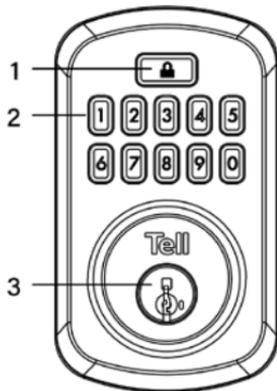
Unlocking

To unlock your door, enter the User Code. The lock will beep and the keypad will flash green and beep twice as the bolt retracts.



DE2000 at a Glance

Exterior



1. Lock Button

Used for locking the door, programming, clearing User Code entry errors, lighting up the keypad.

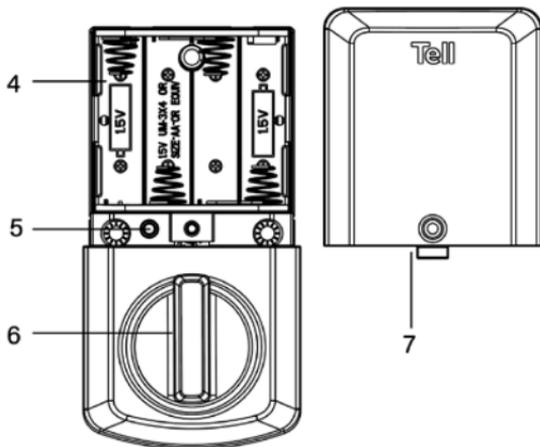
2. Number Buttons

Used to enter User Codes. Each code must be 4 to 8 digits in length.

3. SmartKey Cylinder with SC1 Keyway

Rekeyable cylinder retracts and extends the latch bolt by key from the exterior.

Interior



4. Battery Holder

Uses 4 AA Alkaline batteries, 1.5V

5. Programming Button

Used for programming functions.

6. Turnpiece

Lock and unlock from the interior.

7. Battery Cover

Push it upward and outward to replace the batteries.

SmartKey Re-Keying

SmartKey with SC1 Keyway

Re-key the lock to work with your existing key. See the supplied SmartKey Re-key instructions for more information.

Note: If Auto-Lock is enabled, remove the batteries before re-keying your lock.



System Alerts

Operation	Lights	Sounds	Explanation	Troubleshoot
Unlock	Flashes GREEN x2	2 beeps	Successful unlock	
	Flashes RED x10	10 beeps	Low battery	Install fresh new batteries
	Flashes RED x 3	3 beeps	Incorrect User Code	Check code, and retry
	Flashes RED x15	15 beeps	Exceed 3 incorrect User Code attempts	Wait 1 minute, check code, and retry
Lock	Flashes AMBER x2	2 beeps	Successful lock	
	Flashes RED x10	10 beeps	Low battery	Install fresh new batteries
	Alternate RED/WHITE Flash x5	5 beeps	Stuck/Jammed bolt	Clear jam and try again
Factory Reset	Flashes GREEN x1	1 beep	Successful	
	Flashes RED x3	3 beeps	Unsuccessful	Retry factory reset steps. Make sure to press the Programming Button one more time within 10 seconds after the long beep.
Programming	Flashes GREEN x1	1 beep	Successful	
	Flashes RED x3	3 beeps	Unsuccessful	Review Programming steps

Programming

Ensure the door is open before performing any programming.

The programming button  is located on the interior chassis below the battery holder (refer to page 17). During programming, if no button is pressed within 5 seconds, the system will time out and you will need to restart the procedure.

Add User Code (UC)	 → ① →  → enter UC → 
Delete Individual User Codes (UC)	 → ② →  → enter UC →  → enter UC → 
Add/Change Programming Code (PC)	 → ③ →  → enter PC → 
Delete all User Codes	 → ④ →  → ④ → 
Enable/Disable Audio	 → ⑤ → 
Enable/Disable User Codes	 → ⑥ → 
Add One-time User Code	 → ⑦ →  → enter one-time UC → 
Change Auto-Lock Time Delay	 → ⑧ →  → press button for desired delay →  ① 30 seconds ② 1 minute ③ 3 minutes ④ 5 minutes ⑤ 10 minutes
Enable/Disable Auto-Lock	 → ⑨ → 
Door Re-handing	 → ⑩ → 
Factory Reset (lock must be in unlocked position)	Press and HOLD  for 15 seconds →  again
To Lock Door	Press 

Programming Notes

Add User Code:

Up to 50 User Codes can be saved. User Codes should be 4 to 8 digits in length.

For security reasons, **the first 4 digits of each User Code must be unique.** For example, you are unable to program a User Code 1-2-3-4-5 as well as a User Code 1-2-3-4-6.

Press the Lock Button before entering your code to light up the keypad at night.

Enable/Disable Programming Code:

Optional: A Programming Code enables you to make programming changes without needing to access the programming button. This is ideal for landlords to allow programming from the outside without access to the interior programming button.

The Programming Code cannot be the same as any User Code and will not unlock the lock.

To program the lock when the Programming Code is enabled, instead of pressing the programming button, enter the Programming Code, press the Lock Button and proceed with the remaining steps on page 19. Repeat the programming steps to disable the Programming Code. Please note once a Programming Code is enabled, the programming button is disabled and can only be used to factory reset the lock.

Delete All User Codes:

Keypad locking function will be disabled when User Codes are deleted. The lock can only be operated manually by key during this time.

Enable/Disable Audio:

LED status indicator will still function once audio is disabled. Repeat the programming steps to enable the audio. Enable/Disable User Codes:

When all User Codes are disabled, all electronic functions will be disabled as well. The door must be locked or unlocked manually with the key. Repeat the programming steps to enable the User Codes.

Programming Notes (continued)

Add One-Time Use Code:

Up to 10 One-time User Codes can be saved. One-time User Codes should be 4 to 8 digits in length. The One-Time User Code will be deleted automatically after it is used. The same One-Time User Code can be created again after it's used.

Change Auto-Lock Time Delay:

Press the keypad number that corresponds to your time delay preference:

- ① 30 seconds ② 1 minute ③ 3 minutes ④ 5 minutes ⑤ 10 minutes

Enable/Disable Auto Lock:

The default setting is disabled. Once you enable auto-lock the default setting is set to 30 seconds.

To change the auto lock time delay, see the “Change Auto-Lock Time Delay” programming step. Repeat the programming steps to disable auto-lock.

Door Re-handing Identification:

Perform this process for the lock to learn the locking and unlocking direction of the door.

This feature is used for the lock to learn the orientation of your door (left- or right handed). If stuck/jammed bolt error continues to occur after performing this step, please make sure there is no obstruction from strike or door jamb to prevent the bolt from extending.

Factory Reset:

A factory reset will delete all User Codes and change all programming to factory settings.

Important Safeguards

1. Read all instructions in their entirety.
2. Familiarize yourself with all warning and caution statements.
3. Remind all family members of safety precautions.
4. Always have access to your lock's standard key.
5. If using the Auto-Lock features, make sure you have your smartphone or standard key with you to prevent locking yourself out.
6. Familiarize yourself with the system alerts.
7. Replace low batteries immediately.
8. Dispose of used batteries according to local laws and regulations.

⚠ WARNING: This Manufacturer advises that no lock can provide complete security by itself. This lock may be defeated by forcible or technical means, or evaded by entry elsewhere on the property. No lock can substitute for caution, awareness of your environment, and common sense. Builder's hardware is available in multiple performance grades to suit the application. In order to enhance security and reduce risk, you should consult a qualified locksmith or other security professional.

⚠ CAUTION: Prevent unauthorized entry. Since anyone with access to the back panel can change the User Codes, you must restrict access to the back panel and routinely check the User Codes to ensure they have not been altered without your knowledge. The use of a programming code can help protect your system's settings.

Regulatory Compliance

This product complies with standards established by the following regulatory bodies:

- Federal Communications Commission (FCC)
- Industry Canada

FCC

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.

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 interferences 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.

IMPORTANT! Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Industry Canada

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:
(1) This device may not cause interference, and
(2) This device must accept any interference, including interference that may cause undesired operation of the device.