Tochtech Technologies

Toch Smarturns™

User Guide

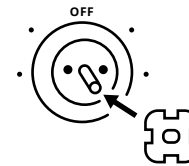**1** **Replace Your Stove Knobs with Smarturns™ Knobs**
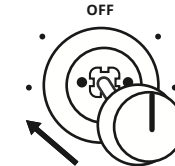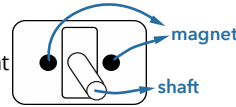

(a)   (c)
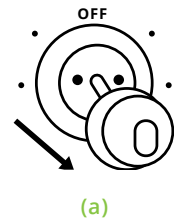
a. Remove existing knobs from the stove.

b. For Smarturns Model TS-H-XX-2/4 only, mount the magnet to stove per instructions on the magnet sticker.

magnet
shaft

c. Hold the *Transparent Adapter Sheet* up against the stove shafts to identify the

(d)

Knob Adapter that best matches the size of your stove shafts.

d. Install the *Knob Adapters* on the shafts.

Note: There are two different depths for P2 & P2S and D2 & D2S adapters. Use the suitable adapter to <u>ensure there is a gap between the adapter and the stove surface.</u>

(e)   (f)

e. Install *Smarturns™ Knobs*. Leave the adapter on the shaft and put on Smarturns knob. The red line on the knob should point to the OFF position of your stove.

f. To ensure the knobs are firmly installed, press them in/down until you hear a click sound.

Package Contents

- Hub (1)
- Smarturns™ Knobs (2 or 4)
- Knob Adapters (multiple)
- PIR Detector/Motion Sensor (1)
- USB Cable (1)
- USB Power Charger (1)
- Reset Pin (1)
- Transparent Adapter Sheet (1)
- Magnetic Sticker (2 or 4)* (for Model TS-H-XX-2/4)

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2 **Mount PIR Detector in Kitchen**

ON OFF
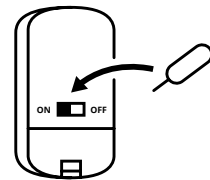
a. Turn on the *PIR Detector* using a *Reset Pin.*

b. Refer to the mounting instructions on the side of PIR Detector package.

b. Install PIR Detector above eye-level on the wall in the kitchen.

The PIR Detector is a motion sensor and works best when it has the widest possible detection coverage area in the kitchen/by the stove. It is recommended that the PIR Detector be placed where it has an unobstructed view of the stove.

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3 **Install the Hub**

a. Place *Hub* on a table preferably in an open area close to the kitchen. The distance between the Hub and Smarturns™ knobs should be within 15 feet (5 meters).

b. Connect the Hub to an electrical outlet using the *USB Power Charger* and *Cable* provided.

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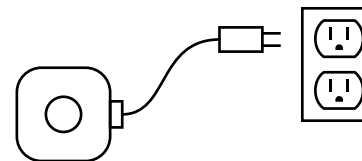
4 **Complete Installation**

Congratulations! Your Smarturns™ devices are installed and ready to use. Please use the Smarturns™ Knobs exactly the same way as you use standard stove knobs.

The default alarm timer is set to 5 minutes (This can be changed using the Smarturns™ App). If the user walks away from the stove area while the stove is on, the Hub beeps every 5 minutes until the user returns.


Additional Notes:

- Batteries are pre-installed in the PIR Detector and all Smarturns™ Knobs
- Installation video available at: *vimeo.com/263654647*

Install Smarturns™ App

Download and install the mobile app to enable remote monitoring, receive text notifications, or change alarm settings.

a. Download the app on your mobile phone by scanning the QR code below, or searching *"Smarturns"* in the Apple App store or Google Play App store.

b. Launch app and follow the instructions to connect the Hub to your home WiFi.
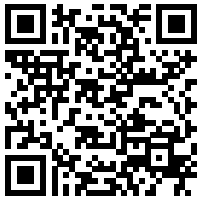
iOS | Android

Hub LED Indicators

Blue light on:
Hub is working properly and connected to the network.

Red light blinking:
Any one of the Smarturns™ Knobs is turned on.

Blue light flashing:
Hub is not connected to the network.

Specification & Technical Parameters

	Smarturns™ Knobs	Communication Hub	PIR Detector
Connectivity	2.4 GHz high speed	WiFi, 2.4GHz and 433 MHz wireless communications	433 MHz
Power	Included. CR2032	Included. Micro USB (5V)	Included. 2 AAA batteries
Coverage	< 5 meters	<10 meters	<10 meters
Materials	Metal cap with diamond cut on the edge. ABS with metallic feeling for the body.	ABS/PC	ABS/PC
Dimensions	48 mm diameter x 28 mm height	106 mm x 106 mm	105 mm x 40 mm x 25.8 mm

Troubleshooting

Unable to connect the hub to home Wi-Fi:
Disconnect the power from the HUB and reconnect after 30 seconds, then follow the instructions on the mobile app to reconnect to the WiFi network.

Knob status is not updated on the App:
Check that the distance between the stove and the Hub does not exceed 5 meters.

No push notification on phone:
1. Notifications might be turned off in Smarturns app. Open Smarturns app and go to *Setting > "Stove Name" > Alarm Settings*. Enable *Allow Notification*.

2. Notification might be turned off in phone settings. Go to phone *Settings > Notifications*. In the app list, find Smarturns and turn on the notification.

The alarm goes off even when there are people present in the kitchen:
1. Make sure the PIR Detector is switched "ON". The switch is located on the back of the device. Use the reset pin to push the switch to the left if it is in the OFF position.

2. Check the location of the PIR Detector. See *Installation & Setup: Step 2* for instructions on the best location for PIR Detector.

3. Check the batteries of the PIR detector. Replace with new batteries as needed.

Maintenance

Changing Batteries

PIR Detector
The PIR detector uses 2 AAA batteries. Open the back cover to replace the battery every 5–6 month to ensure the Smarturns™ function works properly.

Smarturns™ Knobs
1. Use the reset pin to remove the two rubber inserts on the back of the knob.

2. Unscrew both screws to open the knob.

3. Replace with a new CR2032 battery.

4. Put back the knob cap and screw to secure. Put back the clear rubber inserts.

Cleaning

- Use soft, lint-free cloths.
- Keep liquids away from the product.
- Keep moisture away from any openings on the Smarturns™ knobs.
- Don't spray water or cleaners directly onto Smarturns™ devices.

More Information

www.tochtech.com/smarturns

Installation: *vimeo.com/263654647*
Smarturns App: *vimeo.com/247866486*
Change Batteries of PIR detector: *vimeo.com/248898032*
Change Batteries of Smarturns Knobs: *vimeo.com/250154380*

Customer Service: *support@tochtech.com*