TIDE

TIDE Dial

Smart Thermostat

Quick Startup Guide

Table of Contents:

TIDE Dial Smart Thermostat 1

1. Getting to know TIDE Dial Smart Thermostat 4

2. What's in the box ? 6

3. Out of Box 7
- 3.1 Download My Nevo app to set up TIDE Dial, onboard Wi-Fi or connect sensors 7
- 3.2 My Nevo app detects the installation status and directs you to next steps of completion 8
- 3.3 Step-by-step guided flow on My Nevo app for thermostat installation 9
- 3.4 Compatibility Checker to identify HVAC type and configure automatically 10
- 3.5 Wiring the thermostat 11
- 3.6 Once powered on, thermostat automatically connects with My Nevo app and configures itself without user intervention 12
- 3.7 Thermostat identified and installation complete, but no Wi-Fi => Start Wi-Fi onboarding Connect the thermostat to Wi-Fi with 3 simple steps 13

4. Guided setup on My Nevo App 14
- 4.1 Guided setup on My Nevo App 14
- 4.2 On screen setup (residential) 15
- 4.3 On screen setup (commercial) 16
- 4.4 Schedule Overrides 16

5. Adjusting the Temperature 17
- 5.1 Adjusting temperature and Setpoint Push 17
- 5.2 Auto Mode (dual set point) 18

6. Selecting System Mode 20

7. Selecting Fan Speed 21

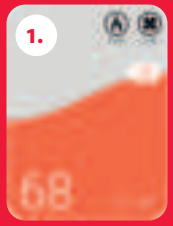
8. Setting Menu 22
- 8.1 Network 22
- 8.2 Sensors 22
- 8.3 Preferences 23
- 8.4 System 23
- 8.5 Settings 24
- 8.2 About 24

9. Regulatory Statement 25

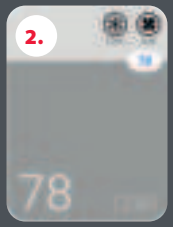
Copyright © Universal Electronics

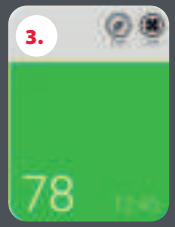
Copyright © Universal Electronics

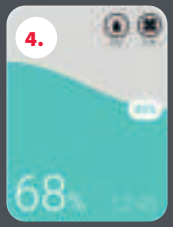
TIDE

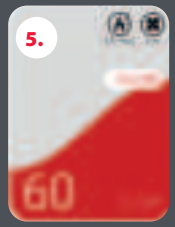


1: Heat
2: Off or not running
3: Fan
4: Dry
5: Emergency Heat









1. Getting to know TIDE Dial Smart Thermostat

Fan
Set your system to
- Auto - On
Short cut key to
switch Fan mode

System Mode *1
Set your system to
- Auto - Cool
- Heat - Off
Short cut key to
switch system mode

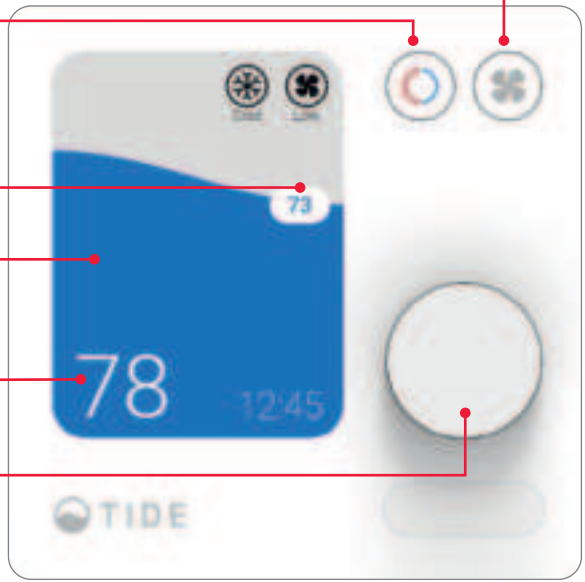
Target Temperature
Shows the temperature you preferred

Display
TIDE UI turns blue when cooling, orange when heating and green for fan. Gray means your system is off or not running

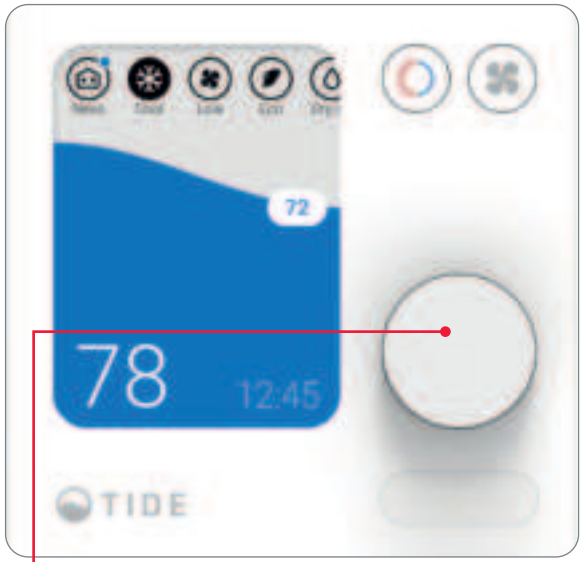
Current Temperature/ Relative Humidity
Shows the indoor temperature/ Relative humidity

Adjust Temperature/ Relative Humidity
Rotate dial to adjust preferred temperature/ Relative humidity up and down

***1:** System mode can be varied depending on HVAC system type configuration



Copyright © Universal Electronics



Menu
Press the dial for the menu then rotate to select

Display Brightness: Adjust display brightness from level 1 to 10

Scene/Schedule: Set up Scene/Schedule if not already configured at the time of installation. Once Scene/Schedule is set up and running, it represents current running scene. You will be able to switch between Comfort, Away and Sleep or access Vacation mode

Nevo: Helpful by design - Weather, Air Quality, System status/alert (if any), Promotional message and useful new features/tips can be found here. When new message arrives, blue dot will appear. Once expired or not applicable, message will get dismissed

System Mode *1**:** Represents current mode - Cool, Heat, Fan, Auto, Power Off, Dry, Cool 2nd stage, Heat 2nd stage, Heat 3rd stage, Emergency heat

*1: System mode can be varied depending on HVAC system type configuration

Fan Mode *1**:** Represents current fan status - Low, Mid, High, Auto, Off, Quiet, Step 1~5

*1: Fan mode can be varied depending on HVAC system type configuration

Eco/Boost Mode: Mini-Split/VRV system only

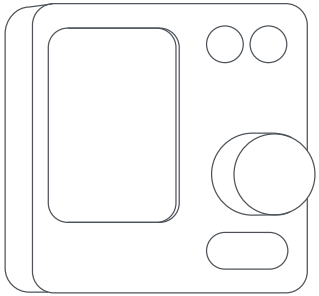
Zone: Represents current Zone (e.g. 1st Floor or 2nd Floor) if zone is set up

Settings: Thermostat settings and configurations. Details on follow up pages

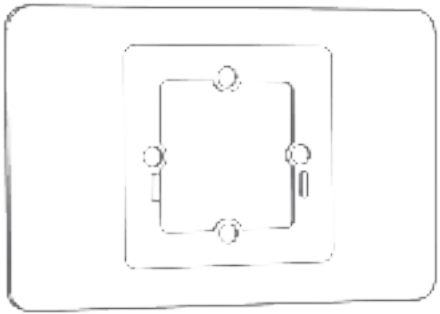
Copyright © Universal Electronics

2. What's in the box?

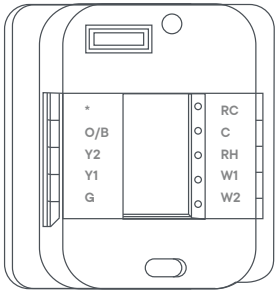
TIDE Dial Smart Thermostat



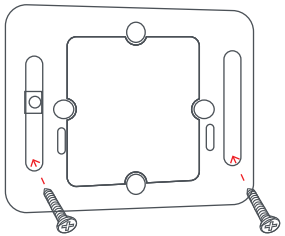
Wall Cover Plate (optional)



Modular Pack



Metal Plate (optional)



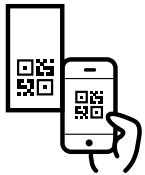
Screws with anchors

Copyright © Universal Electronics

3. Out of Box

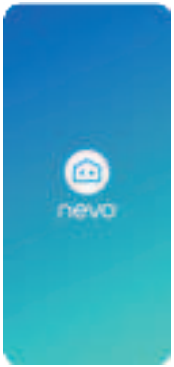
3.1 Download My Nevo app to set up TIDE Dial, onboard Wi-Fi or connect sensors.

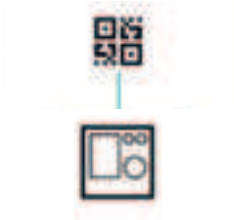
Out of Box



Scan QR Code

If My Nevo App is not pre-installed, then you will be taken to the App Store or Google Play to install it.



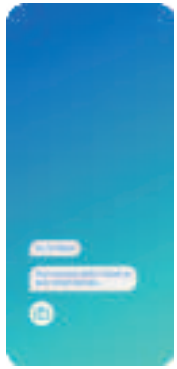


After app install, scan QR code to start device setup flow.

Copyright © Universal Electronics

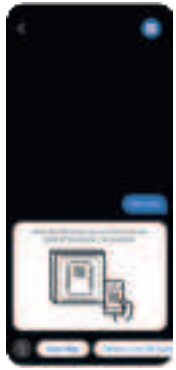
3.2 My Nevo app detects the installation status and directs you to next steps of completion.

Launch
My Nevo App



Make sure phone
is connected
to internet

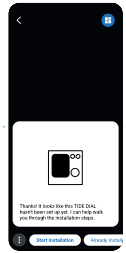
Select TIDE Dial
thermostat



Select
the “Scan Now”
prompt

Provide camera
access and scan
QR code

Different stages of setup



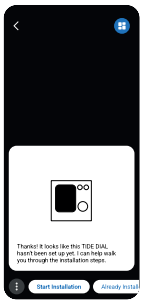
My Nevo
identifies that the
thermostat is not
installed

My Nevo app
identifies that
the thermostat is
installed but not
connected to the
internet

My Nevo app
identifies
successful
installation and
network setup

Copyright © Universal Electronics

3.3 Step-by-step guided flow on My Nevo app for thermostat installation



My Nevo app identifies that the thermostat is not installed

My Nevo starts step by step guide for thermostat installation

Turn off power to the HVAC system.

Remove old Thermostat cover

Option to take photograph of wiring

Photograph wiring

Warning of high voltage

Copyright © Universal Electronics

TIDE

3.4 Compatibility Checker to identify HVAC type and configure automatically

Check your HVAC compatibility with Compatibility Checker

Label Wires

Unscrew old thermostat

Add Wallplate (optional)

Install Modular Pack

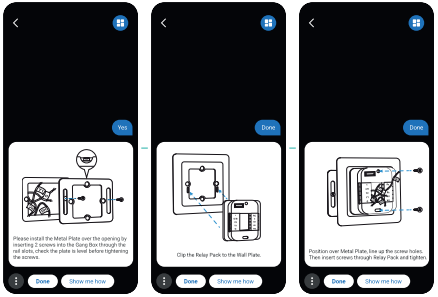
Screw Modular Pack to the wall

Copyright © Universal Electronics

3.5 Wiring the thermostat

Wire to terminal | Attach TIDE Dial | Add security screw (optional) | Turn the power back on

Gang box installation and/or Wall Plate Covering (optional)



Install Metal plate(optional) | Install Modular Pack | Screw the Modular Pack

Copyright © Universal Electronics

3.6 Once powered on, thermostat automatically connects with My Nevo app and configures itself without user intervention

My Nevo app detects the powered thermostat

My Nevo app connects to the thermostat via Bluetooth

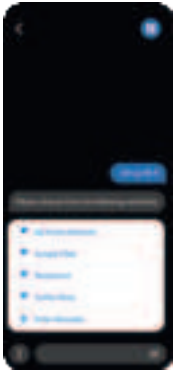
Wi-Fi setup flow starts

Copyright © Universal Electronics

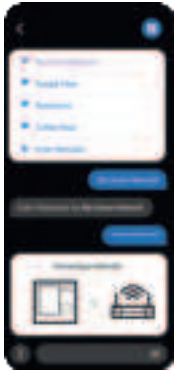
3.7 Thermostat identified and installation complete, but no Wi-Fi => Start Wi-Fi onboarding

Connect the thermostat to Wi-Fi with 3 simple steps

My Nevo app identifies that the thermostat is installed but not connected to the internet

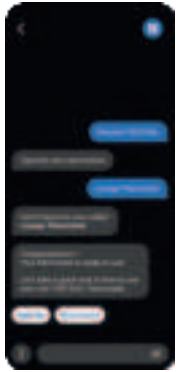


Select the Wi-Fi



Enter Wi-Fi password

Wi-Fi connected



Rename the thermostat after successful setup

Copyright © Universal Electronics

4. Guided setup on My Nevo App

4.1 Guided setup on My Nevo App

Set up desired temperature for heat and cool for each scene. Scene feature is available only after HVAC system type has been configured by My Nevo app

Copyright © Universal Electronics

4.2 On screen setup (residential)

Copyright © Universal Electronics

TIDE

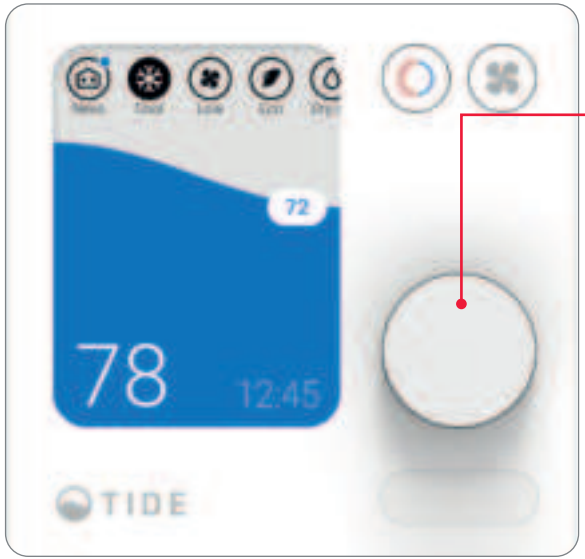
4.3 On screen setup (commercial)

4.4 Schedule Overrides

Copyright © Universal Electronics

5. Adjusting the Temperature

5.1 Adjusting temperature and Setpoint Push



Adjusting temperature
To adjust the desired temperature up or down, rotate dial clockwise or counter-clockwise on thermostat home screen

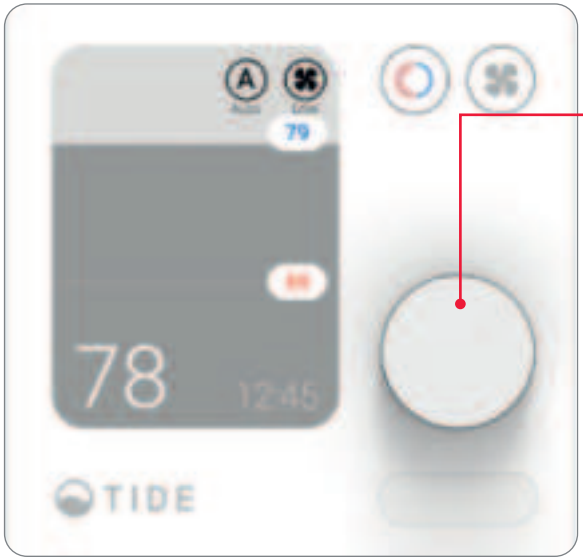
Setpoint Push
The cooling setpoint cannot be set below the heating temperature setpoint. The thermostat will “push” the heating temperature setpoint lower if the cooling temperature setpoint is set below the current heating temperature setpoint. A 3 (three) degree separation is maintained between the heating and cooling temperature setpoints. The same is true for raising the heating setpoint above the cooling setpoint. The thermostat will “push” the cooling setpoint up to maintain the 3 degree separation

Copyright © Universal Electronics

5.2 Auto Mode (dual set point)

In Auto mode, thermostat automatically chooses heating or cooling to reach your desired temperature. It shows both cooling and heating set point on the screen. To adjust temperature

1. Rotate dial clockwise or counter-clockwise to highlight one of desired mode first, heating or cooling set point, then press dial to select
2. Once heating or cooling set point is selected, use dial to adjust temperature up or down by rotating dial clockwise or counter-clockwise
3. Once desired temperature reaches, press to confirm selection



Adjusting temperature
Rotate dial to highlight desired heating or cooling temperature and press dial to select. Once desired mode is selected, rotate dial clockwise or counter-clockwise to reach your desired temperature then press dial to confirm

Copyright © Universal Electronics

Cool is selected

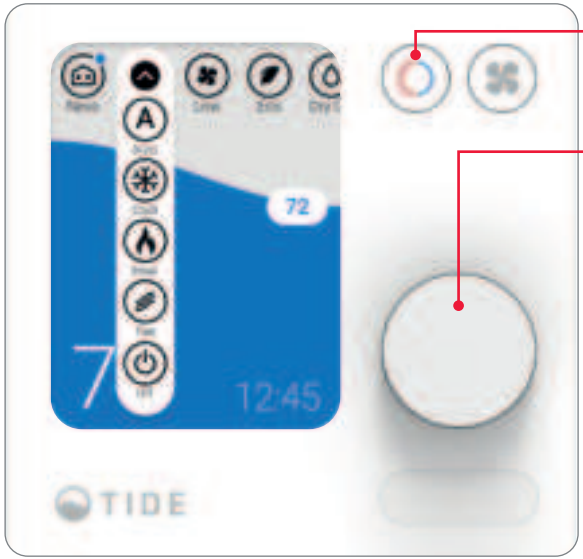
Heat is selected

Copyright © Universal Electronics

6. Selecting System Mode

Current system mode (Auto, Cool, Heat, Off)*1 is displayed on the thermostat home screen. To switch available mode either press Mode Menu Short Cut Key then rotate dial or press dial to expose menu, navigate through menu by rotating dial clockwise/counter-clockwise, press mode menu to expose drop down menu and then press dial to select desired mode. After valid selection, it exits menu and presents selected mode icon on home screen

*1**:** System mode can be varied depending on HVAC system type configuration.



Mode Menu Short Cut Key
Press to open drop down menu from anywhere and press again to close drop down menu

Rotate Dial to navigate through menu and Press to Select
Press to expose menu from home screen or make a selection

Auto: Heating or cooling will be serviced at your desired temperature. The system will automatically switch between heating and cooling mode as needed to maintain desired temperature
Cool: Only cooling will be serviced at your desired temperature
Heat: Only heating will be serviced at your desired temperature
Emergency Heat: Additional system mode only available for heat pump system
Off: System is off, no heating nor cooling will be serviced. If system was on, it will take some time to turn off

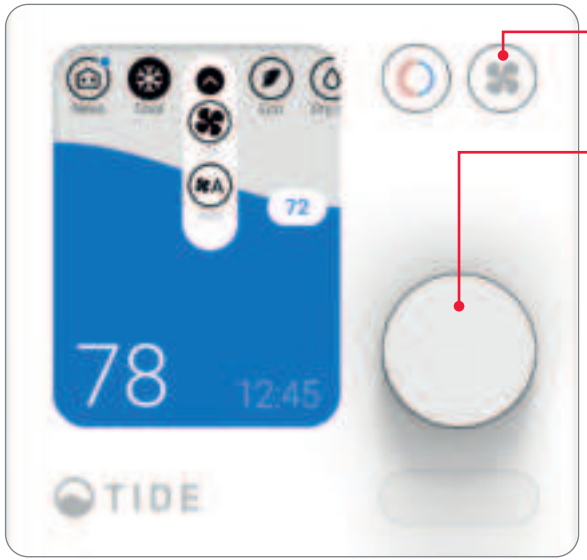
Caution! Emergency Heat should only be used for emergencies until the HVAC system is repaired. Running the system in Emergency Heat mode is often the most expensive mode since only the electric heat strips are being used instead of the more efficient heat pump compressor

Copyright © Universal Electronics

7. Selecting Fan Speed

Current fan mode (Auto, On)*1 is displayed on the thermostat home screen. To switch fan mode, either press fan menu shortcut key and rotate dial, or press dial to expose menu, navigate through menu by rotating dial clockwise/counter-clockwise, press fan menu to reveal drop-down menu and press dial to select desired fan mode. After valid selection, selected mode icon will be displayed on home screen.

*1**:** Fan mode can be varied depending on HVAC system type configuration.



Fan Mode Menu Short Cut Key
Press to open drop down menu from anywhere and press again to close drop down menu

Rotate Dial to navigate through menu and Press to Select
Press to expose menu from home screen or make a selection

Auto: Fan automatically operated by HVAC system (default setting)
On: Manual fan mode. Fan stays on independent of the heating or cooling system's operation, until the mode is changed back to Auto

Copyright © Universal Electronics

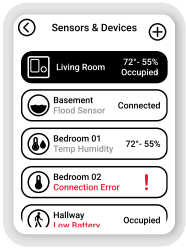
8. Setting Menu

8.1 Network

Network >

Wi-Fi: Proceed to Wi-Fi setup if not setup yet. Check Wi-Fi status or change network settings once setup is complete. (Use My Nevo app to set up Wi-Fi)
QuickSet Cloud: Indicates connectivity status with cloud
Zigbee: Proceed to Zigbee setup as a Zigbee coordinator or router (build option)
a. Coordinator: Setup TIDE Dial as coordinator using My Nevo app
b. Router: Connect TIDE Dial to your existing Zigbee Network using on-screen instructions

8.2 Sensors



Sensors & Devices >

Sensors: Add new sensor, List up internal sensor status and external sensor status (if available)

Copyright © Universal Electronics

8.3 Preferences

Preferences >

Display Option: Option to select screen behavior from “Always On”, “Standby” or “Off” after a timeout of “30sec”, “20sec” or “10sec”
Wake Option: Option to select how to wake up thermostat from “Proximity”, which wakes up upon detection of the user in front of it, or “Click”, which wakes up upon pressing key or dial
Temperature Format: Switch Fahrenheit (default) or Celsius. With Celsius, switch 1.0 increment or 0.5 increment
Temperature Hold: Schedule override occurs when thermostat is running a schedule and set point is adjusted manually. Default to set temporary hold with 4 hours of timer. Option to set override as permanent or cancel hold or adjust schedule to match desired preference
Set Point: Switch auto mode set point from 2 (heat/cool) to 1. Default is set to
Dehumidify AC: Enable/Disable dehumidify AC feature. This feature allows conventional AC system to run overcooling against set point to evaporate moisture from air dehumidifying the area

8.4 System

System >

Time/Day: Manually set the time in 24-hour or 12-hour format and configure the day of the week, or let the thermostat automatically configure when connected to internet
Software Update: Software will be downloaded automatically and installed while system is not in use and the thermostat is connected to network/Quickset Cloud. Request can be made to enquire new update and execute update manually if newer version is available
Access Control: Select lock feature from Child lock (full lock of the system, until unlocked) to prevent children from changing setting accidentally or Comfort lock (only access to temperature control and mode selection) for temporary guest access
Reset: Network Reset erases all network settings (Wi-Fi, Zigbee) but maintains user preferences and scene/schedule settings. Factory Reset restores the thermostat to its original default state, including HVAC type configuration, requiring the initial setup process for the system to function properly. User Reset resets the thermostat to default settings (except HVAC configuration) for ownership transfer, erasing Wi-Fi networks, smart home integrations, schedules, scenes, etc.

Copyright © Universal Electronics

8.5 Smart Home

Smart Home

Integrate TIDE Dial into smart home ecosystems using Matter connectivity
Smart Home: Access Matter setup code and QR code. Once TIDE Dial is added to your Matter network, seamlessly control it using Google Home, Apple HomeKit, or Amazon Alexa.

8.6 About

About

Model: Shows model name – TIDE DIAL
Device Name: Unique device identifier for onboarding
Software Version: xxxx.yy.zz format
Wi-Fi: Indicates Wi-Fi address
IP Address: Indicates IP address if connected and assigned. 0.0.0.0 means not connected
Bluetooth: Indicates Bluetooth address
Zigbee: Indicates Zigbee address (optional)
Contact Support: Provides local contact info, company name, tel, email, URL

Copyright © Universal Electronics

9. Regulatory Statement

FCC Statement

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 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.

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

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.
To satisfy RF exposure requirements, this device and its antenna must operate with a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

Industry Canada Statement: This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions: (1) This device may not cause interference. (2) This device must accept any interference, including interference that may cause undesired operation of the device. This device complies with RSS-210 of the Industry Canada 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.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

PRODUCT DISPOSAL (EUROPEAN DIRECTIVE 2012/19/EU)
The crossed out wheeled bin symbol on this product ensures that this product is manufactured using high quality components that can be recycled and reused according European Directive 2012/19/EU. Please do not dispose of this product with your normal household waste, refer to local regulations for the proper collection or disposal of electrical and electronic products. This will help this will help in preventing negative effects on the environment and/or human health.

CE

RDN1070224

Copyright © Universal Electronics