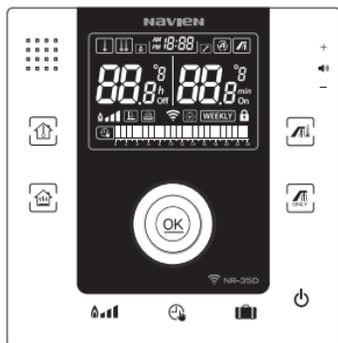


User Manual Room controller

| Includes Smartphone App User Manual |



MODEL

NR-35D

Please read user manual carefully in order to use the product well.
Keep this user manual where it's easy to find.
The specification and appearance of the product may change without
notice for quality improvement.
The images in the user manual may be different from the product you
purchased.

NAVIEN
User Manual

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Safety Information

The following safety signs are used in this manual. Please be aware of the safety information in this manual before use to prevent usage under unsafe environment that can lead to fire, explosion, damage, injury, or death.



Warning

All the safety signs represent potential danger. Please follow instructions in the manual in order to prevent damage, serious injury, or death.



Danger

User may die or become serious injured if instructions are not followed.



Warning

User may be injured if instructions are not followed.

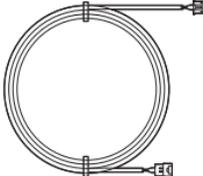


Caution

Your property may be damaged if instructions are not followed.

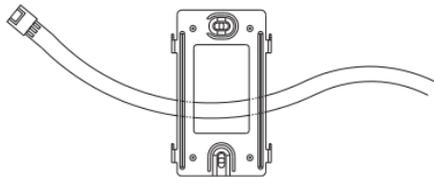
Checking Components

The following components are in the package together with Room controller. Please check the components before installing the Room controller.

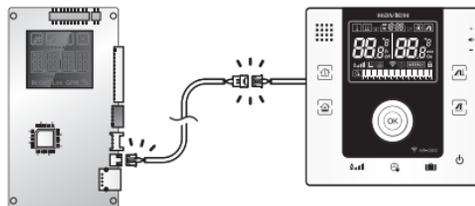
			
User manual(1ea) Quick install guide(1ea)	Extension Cable(2ea) (2.2m:1ea, 7.5m:1ea)	Bracket Screws (2ea)	Bracket

Connecting Room controller

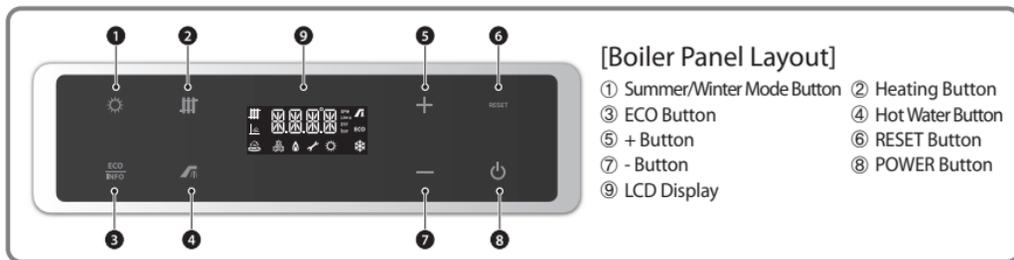
1. Connect one side of the extension cable to the socket on front side of the boiler's control panel.
2. Put other side of the extension cable through the hole in the bracket



3. Connect the other side of the extension cable to the cable connected to the Room controller.



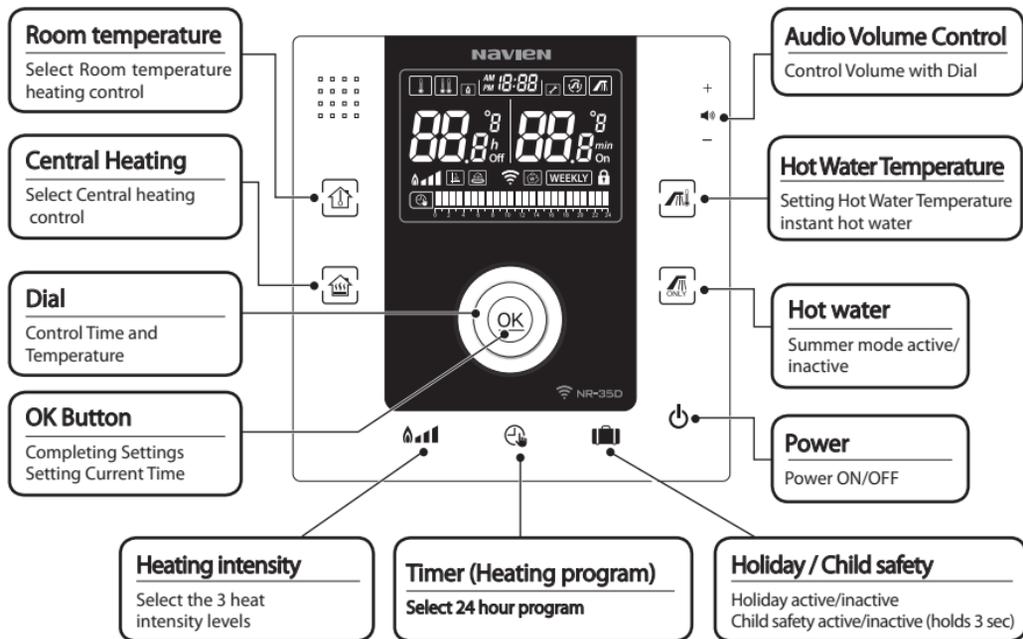
Setting Heating with Room Controller [NCB-CE]



Please connect the Room Controller and boiler's front panel with the cable provided.
You can use the temperature controller without additional setting.

※ Please check Dip S/W No. 5 at the display panel of boiler is off

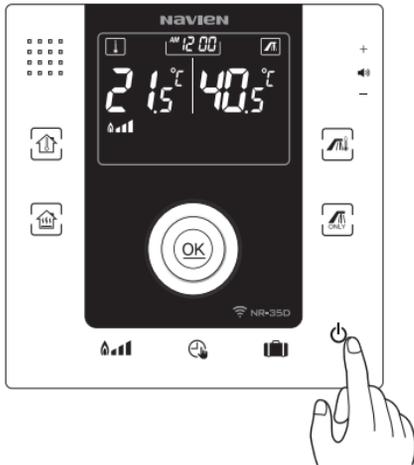
Name of Parts



LCD Display Icon

	Switches ON when set as heating supply control		Heating intensity mode Power/Standard/Economic
	Switches ON when set as heating return control		Shows connection with weather compensator (K-factor)
	"Operate" Function		Switches on when choosing heating water after setting heating return control
	"service" required		Energy Saving Function
	instant hot water		Displays temperature and Timer "hours"
	"Hot Water" Function		Displays temperature and Timer "minutes"
	Wi-Fi Connection Status		Child safety
			24 hour program

Switching On/Off Room controller

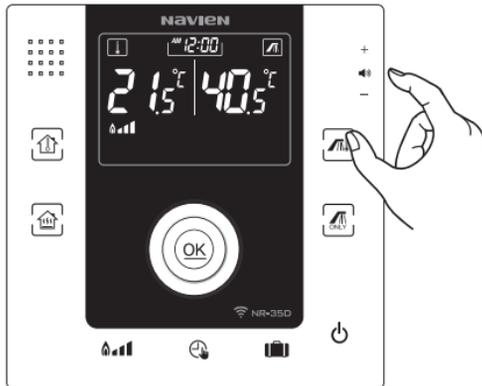


Press  button

LCD display will switch on when you press  button LCD display will switch off and operation will stop when you press  button while Room controller is on.

Voice Guidance Function

Controlling voice volume



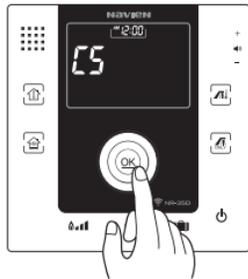
Control the voice volume by turning the dial on the right side of the Room controller.

Room controller can be controlled easily without user manual by listening to the voice guide.

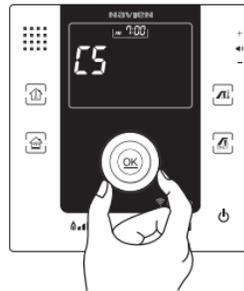
Please turn the dial all the way to the bottom if you do not wish to use voice guidance function

Setting Current Time

1. Press and hold OK button for 3 seconds.

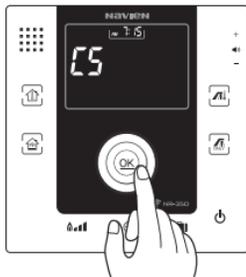


2. Set the hour by turning the dial.

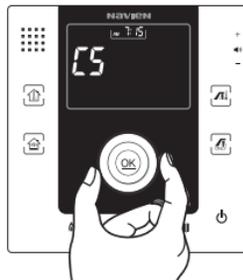


Time and AM/PM section will flicker.

3. Press OK then set the minutes by turning the dial.



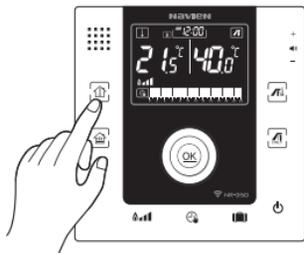
4. Confirm the time after setting the minutes by pressing OK button.



Set the minutes when minutes section flickers.

Setting Room temperature heating

1. Press  button.



The lamp above  button will switch on and heating temperature display will flicker.

2. Select the heating temperature by turning the dial.



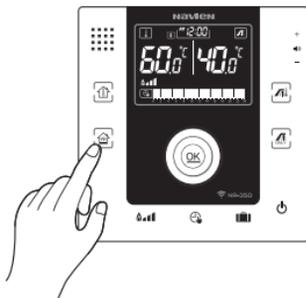
Press OK button to save or leave it as it is after selecting the temperature for auto-save. Temperature control range is 10~40°C at intervals of 0.5°C. The operation display will switch on and heating will start if the current room temperature is lower than the set temperature while the time zone is set to "ON" in the 24 Hour program.

Please set the temperature lower than the current room temperature or set the time zone "OFF" in the 24 Hour program if you wish to stop heating.

※ Refer to Page 18 for setup of the 24 Hour program.

Setting central heating temperature

1. Press  button.



The lamp below  button will switch on and heating temperature display will flicker.

2. Select the heating temperature by turning the dial.

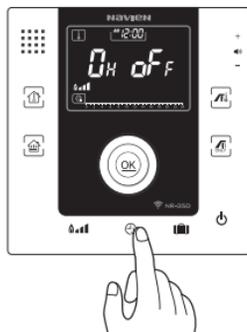


Press OK button to save or leave it as it is after selecting the temperature for auto-save. Temperature control range is 40~90°C at intervals of 1°C. The operation display will appear while the time zone is set to " ON " in the 24 Hour program depending on the set temperature and heating will start.

Please set the temperature lower than the current heating temperature or set the time zone " OFF " in the 24 Hour program if you wish to stop heating.

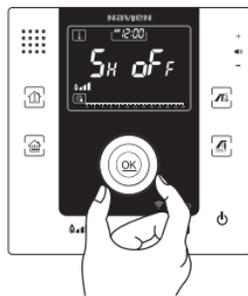
Setting 24 hour program

1. Check if current time is correct
Refer to page 12 for 'Setting Current Time'
2. Press  button.



Time and Timer settings (ON/OFF) will appear.
The previous selected time for heating will be displayed as you programmed before.

3. Set heating time by turning the dial.



Time within the screen will be changed
as turning the dial.
The blocks of time for program are available
in 1 hour intervals.

4. Press OK button to confirm.



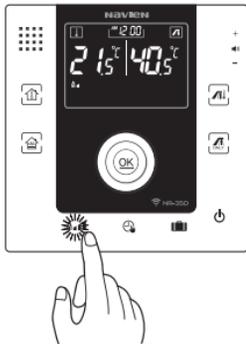
OFF will change to ON if you press OK button and '■' sign will appear on the Timer bar on the bottom. Turn the dial to set the next time you wish to heat then press OK button to confirm.

Blocked time filled with '■' sign is the operating time. Repeat this process until your desired heating times are selected and blocked.

Controlling Heating intensity

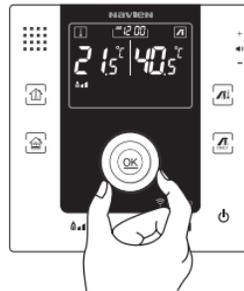
It's a function where you can select the 3 heat intensity levels according to insulation of the house, floor area, and personal preferences.

1. Press  button.



Heating intensity sign will flicker

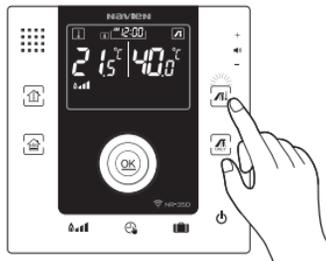
2. Turn the dial to set Heating intensity at Power/Standard/Economic



Press OK button after setting the intensity or leave it as it is for auto-save.

Controlling Hot Water Temperature

1. Press  button.



Hot water temperature sign will flicker.

2. Turn the dial to set hot water temperature.



Press OK button after setting the hot water temperature or leave it as it is for auto-save.

The temperature range is 30~65°C at intervals of 1°C.



Caution

Check if 'hot water' isn't too hot or cold before showering or bathing

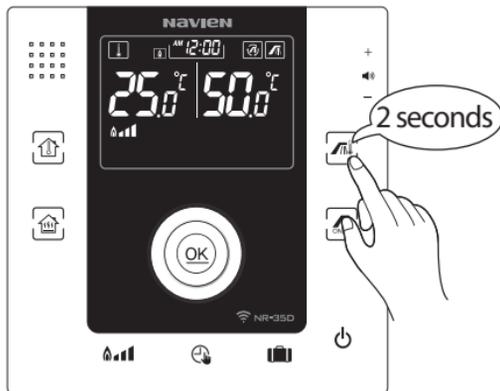


Please make sure:

1. Make sure that toddlers or children do not use this function without guidance by an adult for safety.
2. Do not change the settings of hot water temperature while other person is using the hot water for safety.

Setting instant hot water

It's a function that heats Hot water faster



Press  button for 2 seconds.

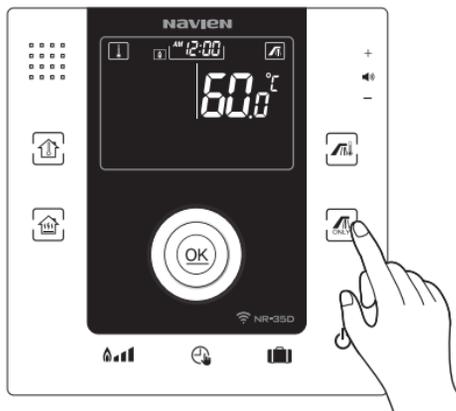
instant hot water sign will appear on LCD screen and settings will be shown.



This function will automatically switch off after 10 minutes.

Using Summer mode

It's convenient to use when you only want hot water without heating during summer season.



Press  button.

The lamp on the bottom will switch on and hot water mode will be set without heating.

If you wish to use heating and hot water at the same time, Please select your desired heating mode.

Setting Holiday mode/cancel

1. Switch ON Holiday mode setting - Press

 button.



Lamp on the left of  button will switch on and Holiday mode function will be set.

2. Switch OFF Holiday mode setting - Press

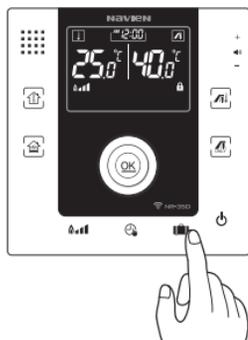
 button.



Lamp on the left of  button will switch off and setting will return to previous screen.

Child safety active/inactive

1. Child safety on – Press and hold the holiday mode Button for 3 seconds.



The  appears, and the Child safety will be activated.

2. Child safety off - Press and hold the holiday mode Button for 3 seconds.



The  disappears, and the child safety will be off.

Checklist before Reporting Failure

- If there's a problem with the product, please check the following before requesting inspection to Our service center or outlets
- If `Fault code` appears on the LCD screen with `service` sign, please follow 'Self-Diagnosis' according to each symptom then restart. (The boiler will operate once power plug is connected again or power is switched off and switched on again)
- Please contact the installer near your home or contact Navien service center (www.navien.co.uk or phone 0844 332 2323)

Symptom	Checklist	Solution
Power doesn't switch on. (Nothing indicated on Room Controller)	Is the Room controller switched off?	Please press  button on the Room controller.
	Is the power plug connected?	Please connect the power plug.
	Is there a power failure?	Please wait until power comes back on.
	Is earth leakage breaker OFF?	Please switch on earth leakage breaker ON.
	Is there contact failure in the power plug?	Please repair the power plug by contacting our service center.
	Is the fuse in the boiler cut off?	Call our service center to replace the fuse.

Checklist before Reporting Failure

Symptom	Checklist	Solution
Boiler isn't operating	Holiday mode displayed on the screen?	Press either  or  button to operate heating.
	Service icon displayed on the screen?	Please confirm the error code (example: E003) on the center of the Room controller screen and follow instructions in 'Self-Diagnosis' page.
	Is the gas valve locked?	Open the gas valve and switch the boiler off and on. Replace the gas if it is LPG.
Hot water isn't coming out.	Is the water supply cut off?	Please wait until water is supplied again.
	Is cold water valve locked?	Please open direct water valve connected to the boiler.
	Isn't the hot water tap open too little?	Please open hot water tap more so that the flow is more than 20L per minutes.
	Is hot water temperature set too low?	Press '  ' button then increase hot water temperature by turning the dial clockwise.
	Is the tap open more towards cold water when using mixed water supply?	Please control cold and hot water mixture.
	Are you using hot water in too many places at the same time?	Hot water volume will decrease if you use hot water in various places at the same time. Please use less hot water.
	Hot water pipe is blocked etc.	Please contact our service center for checkup.

Checklist before Reporting Failure

Symptom	Checklist	Solution
Heating isn't working.	Isn't temperature setting too low?	Press either  or  button then turn the dial clockwise to increase heating temperature.
	Isn't heating switched off or set as only hot water?	
	Please check if programmed time is off	Please adjust the time program for heating
	Are you using hot water?	Heating does not supply when hot water is on
	Isn't heating valve for each room locked?	Please open heating valve for each room
	Isn't heating filter blocked?	Please clean heating filter.
	Is heating pipe filled with air?	Open the air removal valve on the top of distributor for each room to remove air from heating pipes.

Self-Diagnosis

Error Code	Problems	Self-diagnose
E003	Flame failure	Check if gas valve is open and switch the boiler off then on.
E004	False flame	Check if gas valve is open and Reset the boiler
E012	Misfire	
E016	Heat exchanger overheated	Please switch off the boiler for about 30 min before restarting.
E046	Heat exchanger overheat detector malfunction	
E049	Heating circuit line malfunction	Please reset the boiler
E056	Gas Valve malfunction	
E109	fan malfunction	
E110	Exhaust gas pipe blockage	Please check if there are any problems (dents, blockage, etc.) on the exhaust pipe, reset the boiler
E127	Air pressure sensor malfunction	
E157	Air pressure sensor connecting hose malfunction	
E205	Heating supply temperature sensor malfunction	Please reset the boiler
E213	Heating flow switch malfunction (system for Closing to atmosphere)	Recharge heating water according to 'Water recharging method' in the user manual, then reset the boiler
E250	Pipe leakage	Please check the leakage in the pipes (Boiler heating pipes, distributor etc.), then reset the boiler
E255	Frozen pipe	Please melt frozen water in the heating pipe while boiler is switched off. and then Reset the boiler

Error Code	Error Code	Self-diagnose
E302	Low water level (system for Closing to atmosphere)	Please fill water by the installed filling loop (refer to the valve kit manual)
E311	Water filling problem	Please reset the boiler
E351	Water recharge problem	Please check the filling loop, then reset the boiler
E407	Hot water exit temperature sensor malfunction	Please switch off hot water, then reset the boiler
E515	Controller relay malfunction	Please reset the boiler
E517	DIP switch setting malfunction	
E594	EEPROM malfunction	
E615	Input and memory malfunction	

Navien Smart TOK App

User Manual



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NAVIENT
User Manual

Checklist Before Installation



Caution



Please make sure: | It indicates the General Cautions.

Wireless router must be installed in order to use Navien Smart TOK remote control.

You may use existing router if you are already using wire/wireless router at home. Please connect to Navien Smart TOK remote control after installing the router if you do not have wireless router at home.

Please refer to user manual of the wireless router for more details about settings and connection.

Remote control function is not supported for houses that have separate control system for each room.

Wireless router Information

1. This products only supports DHCP (Dynamic Host Configuration Protocol). DHCP server option function must be activated if the user wants to use the existing router.
2. WEP, TKIP, and TKIP AES is supported encryption for the router. It does not support connection with new Wi-Fi certification and nonstandard Wi-Fi certification.
3. The network connection quality may be affected by the surrounding wireless environment.
4. Some routers may send abnormal DNS (Domain Name Server) even when it is not connected to the internet causing  sign to appear on Room controller LCD screen. Please inquire your router supplier or internet service provider in this case.

Checklist for Wireless Router



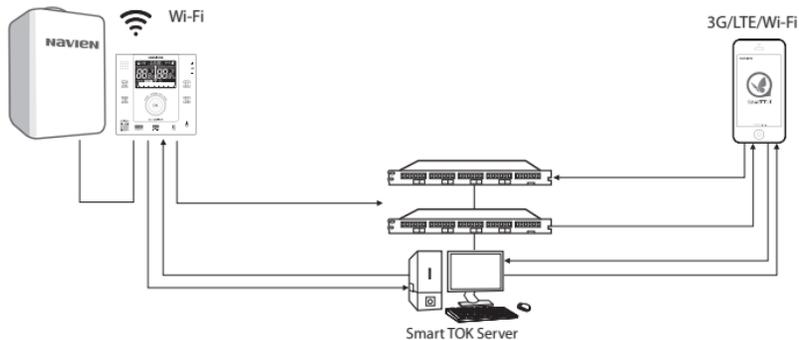
Caution



Please make sure: | It indicates the General Cautions.

1. Please refer to the router user manual for the installation of the router.
2. Navien Smart TOK Boiler Series only supports Wi-Fi 2.4Ghz products.
3. Navien Smart TOK Boiler Series supports IEEE802.11.b/g/n communication protocol.
Please install the router after checking if it supports IEEE802.11.b/g/n method.
4. Use the Communication Channel, from 1 to 13.
5. Boiler cannot be connected if the router is not Wi-Fi certified product.

Wireless Router Information

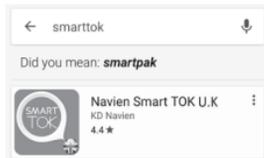


Downloading Navien Smart TOK Boiler App

You can download Navien Smart TOK Boiler App from PLAY Store or iPhone APP Store by searching 'Navien Smart TOK Boiler' or 'Navien Boiler'.(Select Navien Smart TOK Boiler App if more than two apps appear)

Navien Smart TOK App is optimized for IOS 7.0 and Android Version 4.2.
If you launch the app in other smart phone or tablet, some functions may work differently.

Charge is subject to be imposed after prior notice in accordance with the policy of the manufacturer.



[Play store]

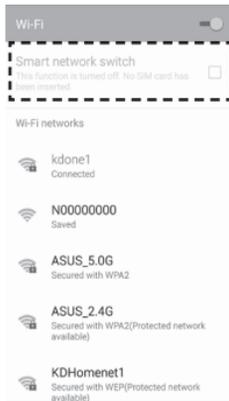


[App Store]

Enrollment of Navien Smart TOK Boiler Network and Member Registration at Android App.

Please register a member of Navien smart TOK App., After off the Network Switch of your Smartphone.

<Samsung Electronics>



<LG Electronics>



Off the Auto Network Switch At Menu (Auto Settings → Wi-Fi)

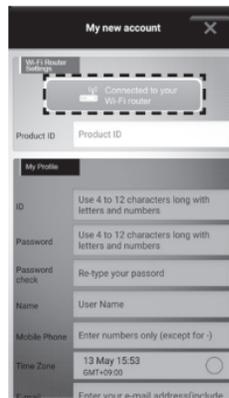
Enrollment of Navien Smart TOK Boiler Network and Member Registration at Android App.

You must register as member if you want to control the boiler using Navien Smart TOK App.

1. Press register as member

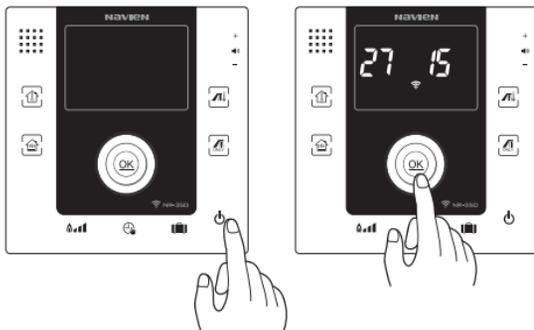


2. Press the Router Connection button

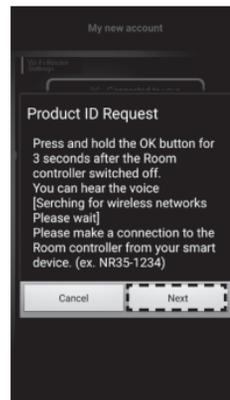


Connect your room controller to Wi-Fi connection thru your wireless router

3. Change the Room Controller to AP mode



- ① Please Turn off the Room Controller.
- ② Press the OK button for a 3 seconds.
LCD Display will show you the "Wi-Fi" and the ID number of the Room Controller.



Press the 'Next' button when AP mode of room controller is on

-
4. Select the Room Controller.
Searched only one Room Controller,
it would be automatically connected.
There will not be shown below screen.



If more than 2 room controllers are found, please check the ID number of required room controller on the screen, then select from APP.



No room controller found, please check AP mode of required room controller is on, then try again.

5. Select the Wireless Router at your Room Controller you want to use.



Select the Wireless Router you want to use among the Searched Wireless Routers.

6. Enter your Password of the Wireless Router.



After Entering your Password of the Wireless Router, Press the "OK" button.

Press the "OK" button when the Password of the Wireless Router is not set.

7. Enter the User's Information.

The screenshot shows a mobile application interface for creating a new account. At the top, it says "My new account" with a close button. Below that, there's a Wi-Fi router connection status. The "Product ID" field is highlighted with a dashed black box and contains the value "1234567812345678". Below this is the "My Profile" section with fields for ID, Password, Password check, Name, Mobile Phone, Time Zone, and E-mail. The Time Zone field is currently set to "13 May 16:04 GMT+09:00".

If the Room Controller sets successfully, Product ID will be entered automatically.

8. Set the Time Zone.

The screenshot shows the same "My new account" registration form. The "Time Zone" field is highlighted with a dashed black box and contains the value "13 May 16:04 GMT+09:00". Below the form is a "Confirm" button. A small note at the bottom states: "Remember not to enable registration of membership, and log out setting can be changed in the settings tab."

Select the Time Zone in your Area.

9. Press the "Confirm" button, after Entering all of the User's Information.

The screenshot shows a mobile application interface for creating a new account. The title bar at the top is black with the text "My new account" in white and a close button (X) on the right. Below the title bar is a "My Profile" section with a grey header. The form contains the following fields:

- ID:** A text input field with a placeholder "Use 4 to 12 characters long with letters and numbers".
- Password:** A text input field with a placeholder "Use 4 to 12 characters long with letters and numbers".
- Password check:** A text input field with a placeholder "Re-type your password".
- Name:** A text input field with a placeholder "User Name".
- Mobile Phone:** A text input field with a placeholder "Enter numbers only (except for -)".
- Time Zone:** A dropdown menu showing "13 May 16:04 GMT-09:00" and a circular selection indicator.
- E-mail:** A text input field with a placeholder "Enter your e-mail address(include".

Below the E-mail field is a small note: "Remember me" is enabled registration of membership, and logout setting can be changed in the settings tab.

At the bottom of the form is a large, grey "Confirm" button with a dashed border.

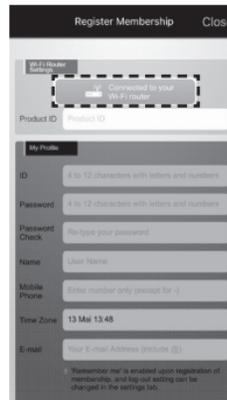
Enrollment of Navien Smart TOK Boiler Network and Member Registration at iPhone App.

You must register as member if you want to control the boiler using Navien Smart TOK App.

1. Press register as member

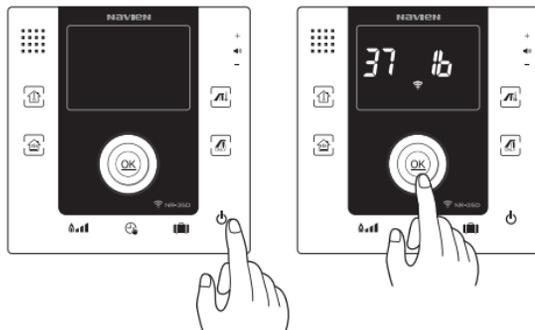


2. Press the Router Connection button



Connect your room controller to Wi-Fi connection thru your wireless router

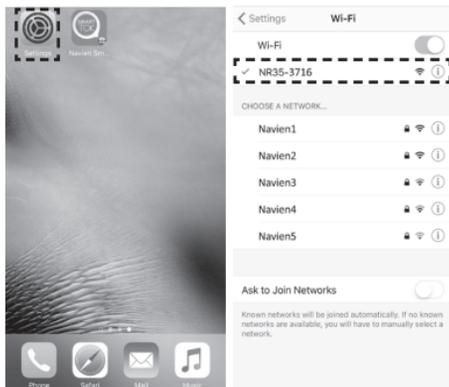
3. Change the Room Controller to AP mode



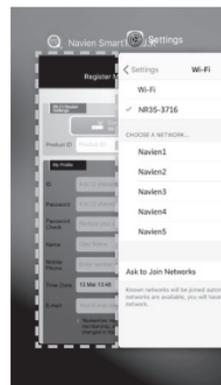
Please Turn off the Room Controller.
Press the OK button for a 3 seconds.
LCD Display will show you the “The image is a screenshot of a mobile application interface. At the top, it says 'Register Membership' with a 'Close' button on the right. Below that, there's a 'Wi-Fi Router' section with a 'Connected to your Wi-Fi Router' status. A white dialog box is overlaid on the screen with the title 'Product ID Request'. The text inside the dialog box reads: 'Press and hold the OK button for 3 seconds after the room controller switched off. You can hear the voice [Searching for wireless networks. Please wait]. Please make a connection to the Room controller from your smart device. (ex. NR35D-1234)'. At the bottom of the dialog box, there are two buttons: 'Back' and 'Next'. The 'Next' button is highlighted with a dashed rectangular border.

Press the 'Next' button after selecting room controller at Wi-Fi screen of Settings when AP mode of room controller is on

4. Select the Room Controller to be registered in the Network.Connect at Iphone's Settings→ WiFi, Selecting the Room Controller



If no Room Controllers were found,
Please Try to Find Again After Setting the
Room Controller to AP mode.



Coming back to App, please keep
connecting with the wireless router.

5. Select the Wireless Router at your Room Controller you want to use.



Select the Wireless Router you want to use among the Searched Wireless Routers.

6. Enter your Password of the Wireless Router.



After Entering your Password of the Wireless Router, Press the "NEXT" button.

Press the "NEXT" button when the Password of the Wireless Router is not set.

7. Enter the User's Information.

Register Membership Close

WiFi Status
Connected to your router

Product ID 1234567812345678

My Profile

ID 4 to 12 characters with letters and numbers

Password 4 to 12 characters with letters and numbers

Password Check Re-type your password

Name User Name

Mobile Phone Enter number only (except for +)

Time Zone 13 Mar 13:50

E-mail Your E-mail Address (includes @)

*Remember me! is enabled upon registration of membership, and log-out setting can be changed in the settings tab.

If the Room Controller sets successfully, Product ID will be entered automatically.

8. Set the Time Zone.

Register Membership Close

My Profile

ID 4 to 12 characters with letters and numbers

Password 4 to 12 characters with letters and numbers

Password Check Re-type your password

Name User Name

Mobile Phone Enter number only (except for +)

Time Zone 13 Mar 13:50

E-mail Your E-mail Address (includes @)

*Remember me! is enabled upon registration of membership, and log-out setting can be changed in the settings tab.

Confirm

Select the Time Zone in your Area.

9. Press the "Confirm" button, after
Entering all of the User's Information.

The screenshot shows a mobile application interface for registering a membership. At the top, there is a dark header with the text "Register Membership" and a "Close" button. Below the header is a section titled "My Profile" containing several input fields: "ID" (4 to 12 characters with letters and numbers), "Password" (4 to 12 characters with letters and numbers), "Password Check" (Re-type your password), "Name" (User Name), "Mobile Phone" (Enter number only (except for ...)), "Time Zone" (13 Mar 13:50), and "E-mail" (Your Email Address (include @)). At the bottom of the form, a "Confirm" button is highlighted with a dashed rectangular border. A small note at the bottom of the form states: "Remember me! is enabled upon registration of membership, and log-out setting can be changed in the settings tab."

How To Use Navien Smart TOK App

 **Warning** | Room controller of the boiler must be connected to Wi-Fi in order to use remote control function of the boiler with Navien Smart TOK App.

Sign up

Enter your ID and password then press log in button



Check control status

Press Smart TOK start if it is controllable



“Control not possible” message will appear if Smart TOK control is not possible. Please reconnect after checking the information on the message screen.

Switching On/Off Room controller

Tap power icon to switch on/off



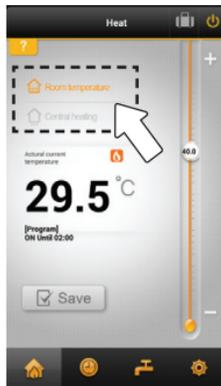
<Power ON>



<Power OFF>

Heating

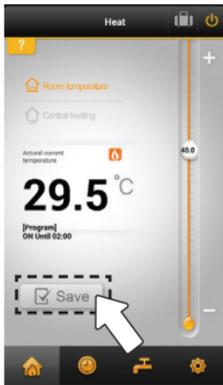
1. Select heating mode you want.



2. Adjust the temperature.



3. Complete settings by pressing the save icon.



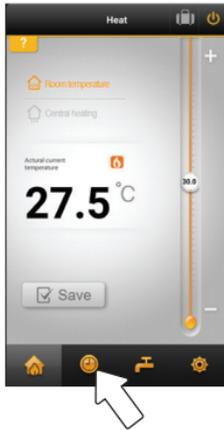
Popup screen which shows the settings will appear once you Tap save icon

Settings will be complete when you tap the confirm icon on the popup screen.

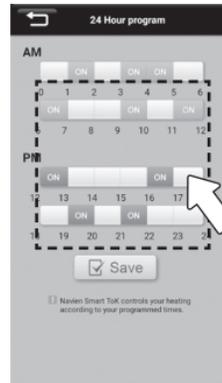
If you wish to stop heating adjust the temperature lower than current temperature or tap holiday icon.

Setting 24 Hour program

1. Select 24 Hour program.



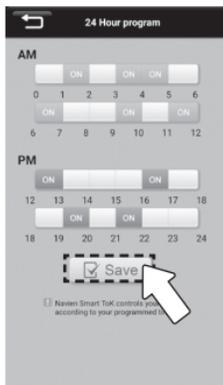
2. Select heating times.



ON will appear if you select heating times.

※ The 24 Hour program applies to Room temperature heating Mode and central heating temperature mode.

3. Complete settings by tapping the save icon



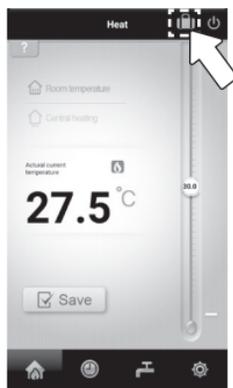
Popup screen which shows the settings will appear once you Tap save icon

Settings will be complete when you tap the confirm icon on the popup screen.

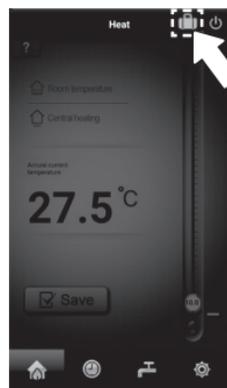
Select other heating mode if you wish to stop 24 Hour program.

Setting Holiday/Cancel

Select Holiday icon on heating or Timer tab.



<Holiday settings OFF>



<Holiday settings ON>

Controlling Hot Water Temperature

1. Control hot water temperature.



2. Complete settings by tap The save icon.



Using Summer mode

Tap 'Summer mode' icon



Select it when you wish to use hot water without heating

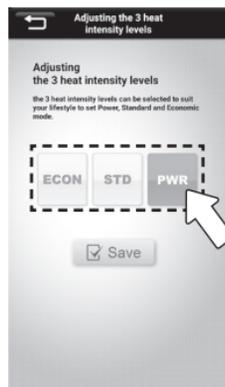
Select other heating mode on heating or Timer tab if you wish to stop 'Summer mode'

Controlling Heating intensity

1. Select Heating intensity



2. Select the 3 Heat intensity levels Economic/Standard/Power



- * ECON - Suitable for small sized houses(up to 2 rooms)
- * STD - Suitable for mid sized houses(3~4 rooms)
- * PWR - Suitable for large sized houses(over 5 rooms)
- ** Recommended Heat Intensity level could vary depending on the installation & insulation condition

3. Complete settings by tapping the save icon



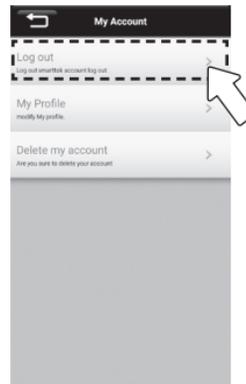
Setting Remember me/Cancel

Check Remember me icon on the login screen to select/cancel.



Logging out

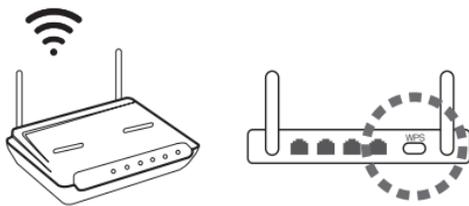
Select logout icon on the screen.



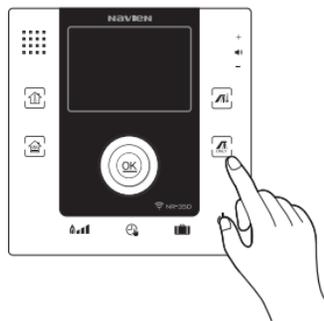
Change the Wireless Router(WPS)

This is the setup method if the Wireless Router is changed

1. Press the WPS Function on the Router in case of the router change.



2. Press the 'hot water only' button for 3 seconds when the room controller is OFF.



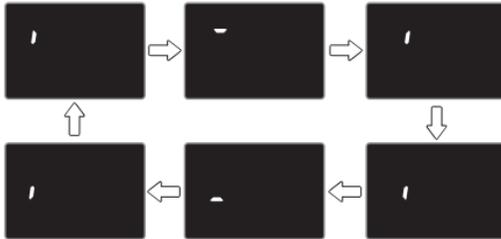
WPS function is to do automatic WIFI setting of the room controller to wireless router.

- ※ WPS function will be available if the wireless router has WPS support.
- ※ WPS function is available after completing membership

Change the Wireless Router(WPS)

This is the setup method if the Wireless Router is changed

3. Entering the WPS mode, LCD Display shows this and implements the WPS Router Searching Function.



- Entering the WPS Router Searching mode.
- LCD Display shows the process.

- ※ Selected mode will be maintained until the router access will be completed or before the searching mode will be off manually.
- ※ If you want to withdraw the WPS Router Searching mode, just press the OK button for a long time.

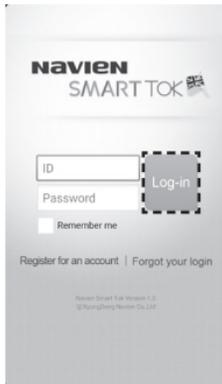
4. When it accesses to the router, the progress is indicated. When the access is completed, the router setting will be saved and done.



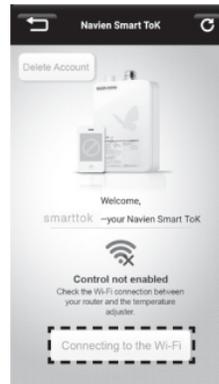
Change the Wireless Router(Android)

This is the setup method if the Wireless Router is changed

1. Please Log-in.

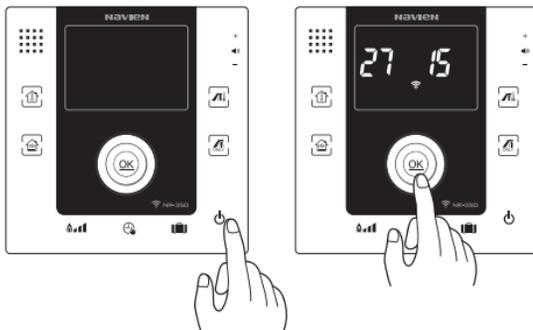


2. Please Press the Router Settings.

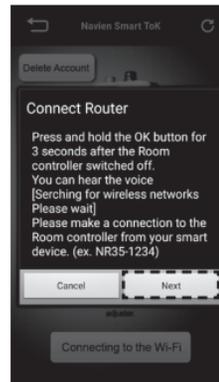


Register the Room Controller to Wireless Router through the Router Connection.

3. Change the Room Controller to AP mode.



- ① Turn off the Room Controller.
- ② Press the 'OK' Button for 3 seconds. LCD Display will show you the "📶" and the ID number of the Room Controller.



- ③ Selecting the Room Controller to AP mode. Press the 'Next' button.

4. Select the Room Controller.

Searched only one Room Controller, it would be automatically Connected. There will not be shown below screen.



If more than 2 room controllers are found, please check the ID number of required room controller on the screen, then select from APP.



No room controller found, please check AP mode of required room controller is on, then try again.

5. Select the Wireless Router at your Room Controller you want to use.



Select the Wireless Router you want to use among the Searched Wireless Routers.

6. Enter your Password of the Wireless Router.



After Entering your Password of the Wireless Router, Press the "OK" button.

Press the "OK" button when the Password of the Wireless Router is not set.

7. Please Start to Control, Using Navien Smart TOK

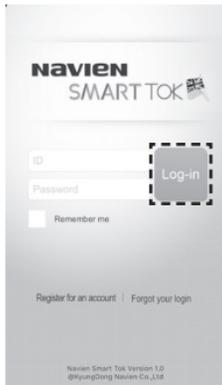


After connecting to router, Check the connection by pressing the 'Refresh' button.

Change the Wireless Router(iPhone)

This is the setup method if the Wireless Router is changed

1. Please Log-in.

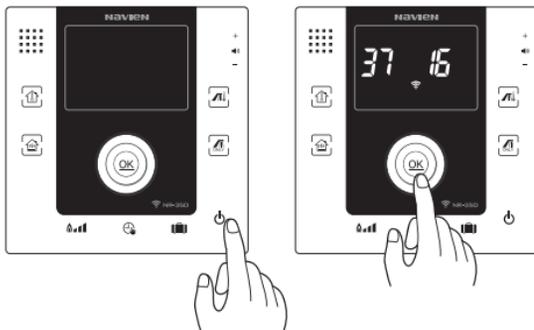


2. Please Press the Router Settings.

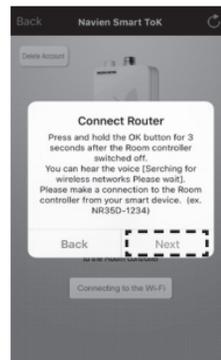


Register the Room Controller to Wireless Router through the Router Connection.

3. Change the Room Controller to AP mode.

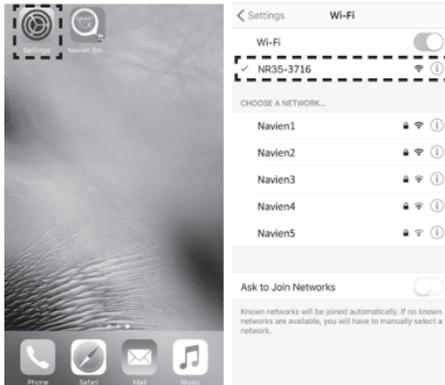


- ① Turn off the Room Controller.
- ② Press the 'OK' Button for 3 seconds. LCD Display will show you the "📶" and the ID number of the Room Controller.

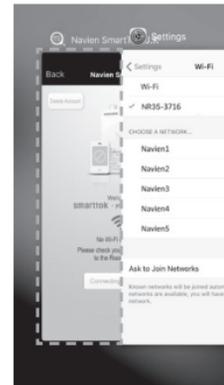


- ③ Press the 'Next' button after selecting room controller at Wi-Fi screen of Settings when AP mode of room controller is on

4. Select the Room Controller to be registered in the Network.
Connect at iPhone's Settings → WiFi, Selecting the Room Controller



If no Room Controllers was found,
Please Try to Find Again After Setting the Room
Controller to AP mode.



Coming back to App, please keep
connecting with the wireless router.

5. Select the Wireless Router at your Room Controller you want to use.



Select the Wireless Router you want to use among the Searched Wireless Routers.

6. Enter your Password of the Wireless Router.



After Entering your Password of the Wireless Router, Press the "NEXT" button.

Press the "NEXT" button when the Password of the Wireless Router is not set.

7. Please Start to Control, Using Navien Smart TOK.



After connecting to router, Check the connection by pressing the 'Refresh' button.

Checklist Before Reporting Failure

If there is a problem with the product, Please read the below checklist before you contact our customer service center or agency for service.

	Symptom	Checklist	Solution
1	Can't connect to Smart TOK App	Is your cell phone network connection (3G, 4G, Wi-Fi) working correctly?	Please reconnect after checking the internet connection settings on your cell phone.
2		Is  sign switched off on the Room controller?	Please check if router is correctly connected to Room controller.
3		Can't connect to Smart TOK App after changing the router.	Please reconnect new router to the Room controller.
4		Smart phone and Room controller is connected correctly but it is not working.	Please restart Smart TOK App, or reconnect Room controller to the router again.
5		I forgot router password.	Please reset the password by referring to the router manual.
6		I forgot Smart TOK APP ID and password.	Please click 'Find ID' or 'Change Password' button on the Smart TOK App login screen to reset.

	Symptom	Checklist	Solution
7	Smart TOK App is connected but remote control function isn't working.	Is  sign switched off on the Room controller?	Please restart Smart TOK App.
8		You can't use remote control function due to boiler error message?	Please contact certified service center.
9	I can't connect due to weak signals from the router.	Router shows on the search but can't connect.	Please relocate the router or select different router if the signal is too weak for connection and control.

product specification

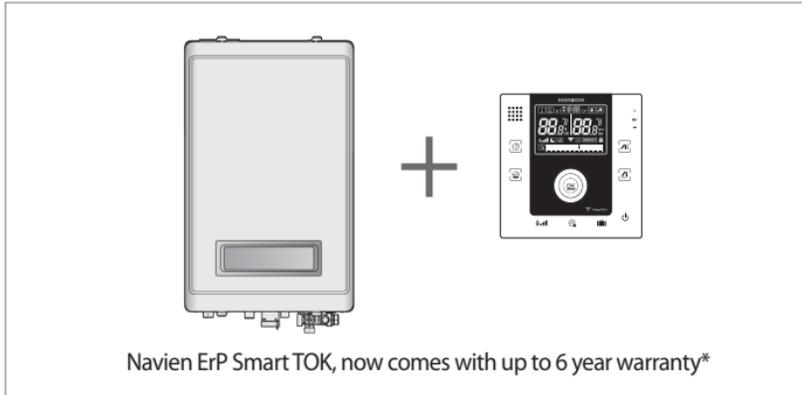
FEATURES		SPECIFICATIONS
PRODUCT		Room controller
MODEL		NR-35D
RATED VOLTAGE		DC24V, 60mA((Supplied from BOILER))
OPERATING CONDITIONS	TEMP	-20℃ ~ 50℃
	HUMI.	0% ~ 95%
WIRELESS FREQUENCY BAND		TX/RX 2412 ~ 2472MHz(802.11b/g/n20)
DIMENSIONS		120(W) x 120(H) x 15(D)mm
INSTALLATION TYPE		Wall-Hung Bracket Type

Certification CE



- KYUNDONG ONE Co., Ltd. hereby declares that this NR-35D is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
- Manufactured by KDONE www.kdone.net, www.kdone.co.kr
7F, KOAMI Bldg., 22, Gukhoe-daero 76-gil,
Yeongdeungpo-gu, Seoul, (07238) KOREA
Tel : +82-2-559-8357

NAVIEN WARRANTY



Navien smart TOK room controller has a standard 5 year manufacturers warranty if a suitably qualified engineer has installed the system in accordance with Navien instructions. See Navien website, which contains a link to the on-line registration system for Free 1 year extended warranty.

Registered installer offering extended 6 year warranty

MEMO

MEMO

navien

User Manual Room controller