

Touch Screen Controller User Guide

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1. OVERVIEW

The Touch Screen Controller manages a wide range of applications connected to your Ata Touch Air and Water Advanced system, and provides a simple user screen to operate these devices. There can be one or more Touch Screen Controllers in a home – depending on the Ata Touch configuration and lay-out of the building.

This guide explains how to use the Touch Screen Controller to control all features of your Ata Touch system, including lighting, lighting moods, doors, windows, blinds and curtains, heating and cooling, water heating, spa heating, under-floor heating, gas fires, heated towel rails, radiant heaters, garden watering systems, security, smoke alarms, garage doors and more. It describes how to set functions, navigate screens, diagnose faults and interpret status messages.

1.1. The Home Screen

The Home Screen displays the date (31/05/2019), time (9:05), and location (Tait - Lounge). It features a grid of control buttons for various system components. Callouts provide detailed information about each button:

- Screen Navigation** opens additional screens for extra control features.
- Security** opens the security arm / disarm and zone enable.
- Guest Off** turns off all connected devices.
- Away** sets 'away' features and security settings.
- Photos** launches a set of pictures and scrolls.
- Spa Pool** opens the spa pool control screen.
- Moods** opens light mood screen.
- Climate** opens the Climate Control screen. Border colour shows the status (GREEN = on; RED=off).
- Water** opens the Water Heating screen. Status (temperature and on/off) is shown here.
- Setup** opens configuration and diagnostic screens.
- Clock** displays a real-time clock. It can be set manually or synchronised from the Internet.
- The **Back** button is present on every screen. It returns you to the previous screen.
- The **Home** button is present on every screen. It takes you to the Home Screen.

The Home Screen appears when the system is powered up. It will show the most common user functions, and lets you control each Zone or device attached to your Ata Touch system.

For guidance on using the Air & Water Advanced functions, refer to the following sections:

Button	Function	User Guide
	Climate settings - to change the temperature and climate settings (heating, cooling, dehumidifying, etc.).	Section 2
	Water heating – to change the water heating settings and turn it on/off.	Section 3
	Away mode – to shut down non-critical devices while you are away for extended periods, and run lighting in simulation mode to give the appearance the house is occupied.	Section 0.2
	Alarming - to arm/disarm the security settings and protect your home while you're away for an extended period.	Section 4.5
	Lighting mood – to create, adjust and turn lighting moods on/off.	Section 6
	Spa pool – to enable / disable and control spa pool heating.	Section 3.4

	Photos –creates a slide show presentation of your favourite photos.	Section 5
	Setup – to access diagnostics, Ethernet configuration, add / delete / modify users, edit schedules, set the clock, and update firmware.	Section 8
	Action button – allows you to force off or on any connected devices	
	Clock - change the system time and date settings.	Section 8.2

1.2. Symbols and conventions

Buttons and icons can display information about the status of a function. Some buttons will change colour when their status changes, and others display information about the settings.

Button	Description
	A GREEN border on a button indicates that the function is turned ON .
	If Colour-Blind mode is activated, a tick-mark is also present to show that the function is ON.
	A RED border on a button indicates that the function is turned OFF.
	If Colour-Blind mode is activated, a cross symbol shows that the function is OFF.
	Current settings and information about a device are shown on its button. The example here shows that the bottom temperature is 49°C and heating is OFF.
	Sliders adjust the setting of a device: touch and drag to the desired setting.

Device names, and titles of each screen and button, are set by the Ata Touch Configuration Builder (ACB). Some – for example, Zone names - may be edited in the Ata Touch Embedded Configuration Editor (ACE).

1.3. Navigation

The Touch Screen Controller is operated by touching the button corresponding to the function you want to change.

Button	Description
	Touch Home to go directly to the User Home Screen.
	Back takes you back to the previous screen.
	Cancel deletes an un-saved entry and returns to the previous screen.
	Touch Done [Save] to store any data entered, close the current screen and move to the next step.
	
	More displays more options, devices or zones for the current function. Next moves to the next entry field
	Up and Down scroll through a list.
	

2. CLIMATE CONTROL

2.1. About climate control

The **Climate** function controls the comfort settings of each zone in your house:

- Turns heating/cooling on or off in each room or zone.
- Adjusts the temperature of each room.
- Adjusts the climate control mode – heating, cooling and dehumidifying.
- Over-rides automatic climate control, and ‘forces’ heating or cooling.
- Creates and adjusts a schedule for heating and cooling, with Day and Night modes.

The **Status** bar shows a brief description of what Climate Control is doing.

Schedule to display, edit, enable, disable and force scheduled climate events.

Sliders alter individual zone temperatures.

Force over-rides the controls and turns heating or cooling on.

Mode selects the climate mode (Heat, Cool, Dehumidify, Auto).

Settings controls the system’s configuration and behaviour. It is used primarily for diagnostic purposes.

More Zones shows more zones (if configured).

Zone turns a room or Zone on/off.

1. To access Climate Control, touch the **Climate** button on the **Home** screen.
2. The Indoor Unit [Climate Control] screen will open.



For guidance on using the Climate Control functions, refer to the following sections:

Button	Function	Refer to:
	Turn Climate Control on and off.	Section 2.2
	Set room [Zone] temperatures and turn them ON or OFF.	Section 2.3
	Change the climate control mode (auto, heating, cooling, dehumidifying).	Section 2.4
	Force heating or cooling ON/OFF.	Section 2.5
	Create or modify a schedule for heating or cooling.	Section 2.6

2.2. Turn climate control on and off

To turn Climate Control ON or OFF:

1. Touch the **Climate** button on the **Home** screen to change its operation.
2. The colour of the button indicates its status:
 - **RED** = OFF
 - **GREEN** = ON



2.3. Setting room temperatures

a. About room temperature control

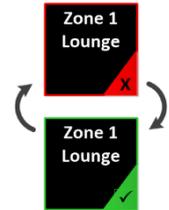
The Climate Control screen adjusts the comfort settings in each room [Zone] individually:

- Turn each room [Zone] ON or OFF.
- Set the temperature for each room [Zone] independently.

WARNING: Avoid trying to set individual room temperatures with more than 5 – 10 degrees difference, as this will overload the system.

b. Turning individual rooms on and off

1. On the Climate Control screen, touch the button of the room you want to adjust.
2. If the room's button is outlined in **RED**, it's currently turned OFF. Touch the button to turn it ON – the outline changes to **GREEN**.
3. If the button is outlined in **GREEN**, it is currently turned ON. Touch the button to turn it OFF - and change the outline to **RED**.



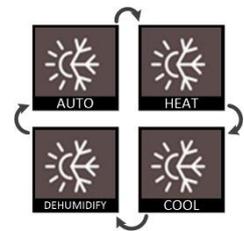
c. Adjusting the temperature of a room

1. If the room [Zone] you want to change is not shown, touch **More** to display more rooms.
2. To adjust the temperature of a room, drag its slider to the desired setting. The set point will be displayed in the slider.
3. Make sure the room [Zone] is activated (outlined in **GREEN** or with a tick-mark displayed in the lower right corner) for the new setting to take effect.



2.4. Heating, cooling and dehumidifying

1. The heating or cooling mode for the system is shown on its Climate Control screen. Options are:
 - **Auto** – switches between heating and cooling automatically, depending on the ambient conditions.
 - Heat
 - Cool
 - Dehumidify.
2. To change the mode, touch the Climate button. Each touch cycles through the available modes. The current operating mode is shown on the button.



2.5. Force-heating and cooling

1. to run the air conditioning when the schedule is in an off state, touch **Force**. This will override the schedule for the next state change event.



2.6. Scheduling heating and cooling

a. About scheduling

A schedule can be attached to any device to change its operation during the day. Schedules can turn heating or cooling on in each ducted section at selected times during the day. You can set as many schedules and events as you want, in 15-minute intervals, for each selected day of the week.

Force On overrides the schedule and turns the device on.

Schedule enables or disables the scheduled event.

The **Schedule Bar** sets and shows the schedule times:
On time = **GREEN**
Off time = **BLUE**

Force off overrides schedules and turns the device off.

Select Days selects the **day** of the week you want the schedule to run.

Next Page and **Prev Page** navigate to other schedules.

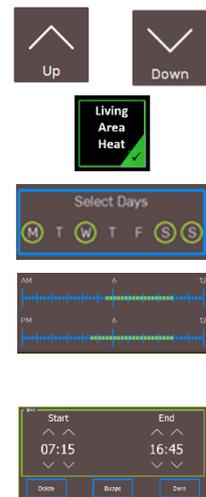
To add, delete or alter the scheduled times touch the bar at the time you want to work with. Another screen will open for you to adjust the ON and OFF periods.

1. To set up and change schedules and scheduled events, touch the **Schedules** button on the Climate Control screen.
2. If any schedules are active, the button will be outlined in **GREEN**.
3. The Schedules screen will open.
4. The status indicators on the screen show:
 - Days on which the schedules apply
 - Schedule times: **GREEN** bar indicates the ON time.



b. Adjusting the room heating and cooling schedule

1. On the Schedules screen, use the **Up** and **Down** buttons to scroll through available schedules.
2. To enable or disable the schedule for the room or device, touch its **Zone** button.
3. Select the days of the week you wish the time settings to operate on. The **GREEN** circle indicates the day is selected for the time displayed.
4. To add, delete or change events in the schedule, touch the Scheduler bar at roughly the time you want the event to occur.
5. You will be presented with start and end time. Use the arrows above and below each value to change the start and end times.
6. Once you have set the time range, touch **Done**.
7. To delete the time selection, touch **Delete**.
8. To return to the schedule without making a change, touch **Escape**.



c. Night-time schedule

The Night-time schedule determines the time period that the night temperature is active.

For example, suppose you want the heating/cooling to operate between 4:00 pm and 8:00 am, and reduce the night-time temperature to 16°C for a cooler overnight sleeping environment. Your normal bed-time is from 10:00 pm to 6:00 am.

With the Night-time schedule active in this example:

- At 4:00pm on selected days the heating cooling will start and run at the set day temperature
- at 10:00pm the temperature setpoint will change to the night temperature (16°C).
- If the outside ambient temperature is cooler than the night temperature setpoint, the room will cool naturally. If it is higher, the system will cool the room. If the room temperature falls one degree below the setpoint, the system will heat the room.
- At 6:00 am, the temperature set point will return to its normal setting.

To access the Night-time schedule:

1. From the Climate Screen, press the **Settings** button. This will open the Settings screen.
2. Press the **Night** schedule button to activate the night-time schedule.
3. Set the **Night Temp** to the desired overnight temperature by adjusting the slider, which will display the setpoint temperature.
4. Touch **Home** to save the settings.



Night gives access to display, edit, enable, disable and force the night-time scheduled climate events.

The **slider** sets the night-time temperature.

The **Status** box shows information about the current state of this ducted unit and associated zones.

Current Firmware displays the devices firmware version.

Next Info navigates to more zone status information.

Indoor Unit (01/05/2019, 13:22)

Night Temp: 16°C

STATUS:

- Return Air Temperature 19°C
- Mid Coil Temperature 16°C
- Fan Speed 0Hz
- 4 Way Valve Cooling
- Fan Speed QUIET
- Zone 1 Temperature 18.3°C
- Zone 1 Damper Position 100%
- Zone 2 Temperature 19.3°C
- Zone 2 Damper Position 100%

Buttons: Reseta Firmware (Current 5.19), More Info, Back, Home

3. WATER HEATING

3.1. About water heating

The Water Heating screen provides control of the domestic hot water:

- Turn water heating on or off
- Set the hot water temperature
- Change between heat-pump (HVAC) and electric modes
- Schedule water heating times to take advantage of off-peak energy pricing (if you have day/night or variable electricity tariffs).

ON turns the water heating on or off. The screen must be unlocked before any changes can be made.

Lock locks/unlocks the water heater control to alter current settings, access schedules and turn water heating off/on.

Drag the **slider** to set the water temperature.

The **STATUS** bar provides a brief description of what the water heating controller is currently doing.

Settings controls the system's configuration and behaviour. It is used primarily for diagnostic purposes.

Schedule displays, edits, enables, disables and forces scheduled water heating events.

Heat Now overrides the schedule and starts heating instantly.

Water Heating (23/01/2018, 2:58 PM)

Setpoint: 61°C

STATUS: At Temperature

Buttons: ON, Locked, Settings, Schedule, Heat Now, Back, Home

1. To access the Water Heating function, touch **Water Heating** on the Home screen.
 - A **GREEN** outline indicates that water heating is ON.
 - A **RED** outline indicates water heating is de-activated.
2. The Water Heating screen will open.



For guidance on using the Water Heating functions, refer to the following sections:

Button	Function	Refer to:
	Controlling water heating	Section 2.2
	Scheduling water heating	Section 2.3
	Spa pool heating and scheduling	Section 3.4

3.2. Controlling water heating

a. Turn water heating on/off

1. Unlock the water heating settings by touching the **Locked** button.
2. Turn water heating ON or OFF by touching the **Water Heating** button.
 - A **GREEN** outline indicates that water heating is ON.
 - A **RED** outline indicates water heating is OFF.
3. Touch **Heat Now** to over-ride the scheduled settings and start the water heater now. When it reaches its pre-set temperature, it will return to automatic control.
4. Lock the settings by touching the **Unlocked** button.



b. Changing the water temperature

1. Unlock the water heating settings by touching the **Locked** button.
2. Drag the slider to the desired temperature.
3. Lock the settings by touching the **Unlocked** button.



3.3. Scheduling water heating

1. Unlock the water heating settings by touching the **Locked** button.
2. To open the Water Heating Scheduler, touch **Schedule** on the Water Heating screen. Refer to section 2.6 for Schedules configuration.
3. Touch **Heat Now** to over-ride the scheduled settings and start the water heater now. When it reaches its pre-set temperature, it will return to automatic control.
4. Lock the settings by touching the **Unlocked** button.



3.4. Spa pool heating

Spa pool heating is similar to water heating, except that the water temperature is controlled by the spa pool's internal system. The internal system tells Ata Touch when heat pump heating is required.

ON turns the spa heating on or off. The screen must be unlocked before any changes can be made.

Lock unlocks the spa heater control to alter current settings, access schedules and turn water heating off or on.

The **STATUS** bar provides a brief description of what the spa heating controller is currently doing.

Settings controls the system's configuration and behaviour. It is used primarily for diagnostic purposes.

Schedule displays, edits, enables, disables and forces scheduled spa heating events.

Heat Now overrides the schedule and starts heating instantly.

a. Turn spa heating on/off

1. Unlock the spa heating settings by touching the **Locked** button.
2. Turn spa heating ON or OFF by touching the **Water Heating** button.
 - A **GREEN** outline indicates that water heating is ON.
 - A **RED** outline indicates water heating is OFF.
3. Touch **Heat Now** to over-ride the scheduled settings and start the water heater now. When it reaches its pre-set temperature, it will return to automatic control.
4. Lock the settings by touching the **Unlocked** button.



b. Scheduling spa heating

1. Unlock the spa heating settings by touching the **Locked** button.
2. To open the spa heating scheduler, touch **Schedule** on the Spa Heating screen. Refer to section 2.6 for Schedules configuration.
3. Touch **Heat Now** to over-ride the scheduled settings and start the water heater now. When it reaches its pre-set temperature, it will return to automatic control.
4. Lock the settings by touching the **Locked** button.



4. HOME SAFETY

4.1. About home safety

Home Safety has three functions that may be fitted:

- **Away mode** – if you're away from the house for an extended period
- **Alarm** – to set, arm and disarm your home safety and alarm system (if connected).
- **Smoke Alarm** – integrated smoke / fire detection (if connected).

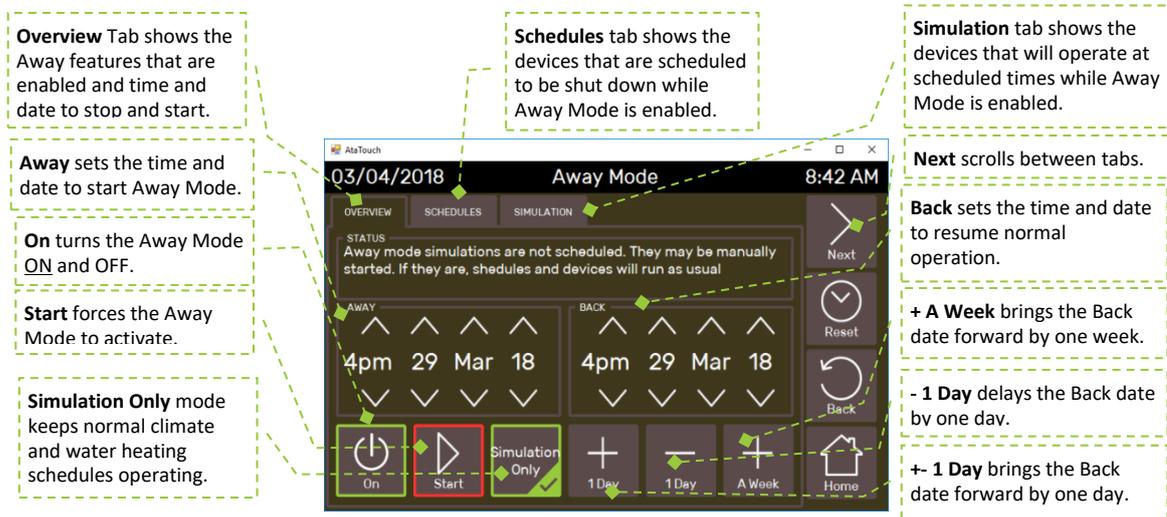
For guidance to set up and adjust Home Safety functions, refer to the following sections:

Button	Function	Refer to:
	Configuring and activating Away mode	Section 4.2
	Set and manage Away mode Schedules	Section 4.3
	Simulating the appearance that the home is occupied	Section 4.4
	Arming, disarming and monitoring alarms	Section 4.5

4.2. Setting Away mode

Away mode helps you to minimise energy consumption while you're away from the house for extended periods. With Away mode, you can shut down water heating, climate control, passive loads or any other device connect to Ata Touch.

Away mode also lets you activate lighting simulation or open and close blinds or curtains to give the appearance that someone is home and provide a deterrent to intruders.



Overview Tab shows the Away features that are enabled and time and date to stop and start.

Away sets the time and date to start Away Mode.

On turns the Away Mode **ON** and **OFF**.

Start forces the Away Mode to activate.

Simulation Only mode keeps normal climate and water heating schedules operating.

Schedules tab shows the devices that are scheduled to be shut down while Away Mode is enabled.

Simulation tab shows the devices that will operate at scheduled times while Away Mode is enabled.

Next scrolls between tabs.

Back sets the time and date to resume normal operation.

+ A Week brings the Back date forward by one week.

- 1 Day delays the Back date by one day.

+ 1 Day brings the Back date forward by one day.

1. To access Away mode, touch the **Away** button on the Home Screen. The Away mode screen will open.
 - To set Away schedules, refer to section 4.3 below.
 - To set up and change Simulations, refer to section 4.4. below.
 - To control Alarms, refer to section 4.5 below.



4.3. Away mode schedules

The Away mode schedules control energy loads in the home when you are in the Away Mode, such as when the water heating is active, when climate control is needed or when heated towel rails should operate, etc. With Away mode, you can cancel these activities while you are away to eliminate unnecessary power usage. The normal schedules are re-activated four hours before the Back time.

To set up and enable Away Mode Schedules:

1. Firstly, set up the schedules for water heating, climate control, spa pool etc. as described in the relevant sections above.
2. From the Away mode screen, select the **Schedules** tab. Set how each schedule should behave in Away Mode by touching each schedule's button:
 - If the button is **RED**, the device is OFF for the duration of the away time.
 - If the button is **GREEN**, the schedule will operate as defined in the Away mode schedule (not the normal mode schedule).

Note: Once you have set the Away mode schedule, you will generally leave this configuration as-is unless your needs change.

4.4. Away mode simulation

Away Mode Simulation (AMS) gives the appearance that someone is at home, and acts as a deterrent to intruders. It allows you to set device sequences that you want to activate while you are away. AMS can also be used to turn lights on and off, open and close curtains and blinds (if automated) to block out sunlight or keep in warmth. It can also partially open and close windows to provide ventilation.

To enable Simulation:

1. Set up the schedules for the devices to operate, as described in the relevant sections above.
2. From the Away mode screen, select the **Simulations** tab. Set the behaviour of each device when Away mode is active by touching its button:
 - If the button is **RED**, the schedule will be OFF when Away mode is active.
 - If the button is **GREEN**, the Away mode schedule will control the device.

4.5. Alarming

The Ata Touch alarm system comes standard with **no battery back up (option is available)** intrusion monitoring, integrated with the whole system. It uses the motion sensors in the touch-switches to detect movement in the house.

Note: The touch-switch motion sensors are not pet friendly and will activate if your pet walks past. If you have pets in areas that need to be alarmed, we pet-friendly motion sensors available.

Outdoor audible alarms and strobe lights provide external warning that the alarm has been activated. An indoor audible alarm provides high-decibel sound to ensure that the intruder leaves.

When the Ata Touch system is connected to the internet and the AtaMobile app is installed, you will receive alerts (push notification) if there is movement is detected in the house. With AtaMobile, you can activate or deactivate the alarm system remotely.

Note: The Ata Touch alarm system is not battery backed up and will not activate during a power outage. If a power outage occurs and the alarm is activated, the system will re-arm itself once the power is restored.

The screenshot shows the 'Alarm' screen with the date 22/01/2018 and time 9:37 AM. The screen displays a grid of zone buttons: Arm, Master Wing Enabled, Entrance Foyer Enabled, Lounge Enabled, Office Disabled, Garage Enabled, Entertainment Room Enabled, Guest Hall Enabled, Guest Bedroom1 Disabled, Guest Bedroom2 Disabled, Guest Bedroom3 Disabled, and Fire Enabled. There are also Back and Home buttons.

Annotations:

- If the **Arm/Disarm** button is **RED** and **Arm** is displayed, touching the button will arm the system.
- If the button is **GREEN** and **Disarm** is displayed, touching the button will disarm the system.
- Both actions require a valid PIN code entry
- If the Zone button is **RED** then the Zone alarm is disabled.
- A small animal symbol will appear at the bottom right corner of the button to indicate that the Zone has been activated.
- If the button is **GREEN** then the Zone alarm is enabled and will activate if tripped.

- To access the **Alarm** screen, touch the **Security** button on the Home Screen. The **Alarm** screen will open.
- To change the state of the Zone between enabled and disabled, touch its button. A PIN code will be requested, and only a valid number will arm or disarm the system.



The screenshot shows the 'Alarm Armed' screen with the date 17/06/2019 and time 12:21. It features a numeric keypad (0-9), a Disarm button, a Clear button, a Back button, and a Done button. There is also a Home button at the bottom right.

Annotations:

- Enter a valid 4 digit access code (PIN)
- Press **Clear** to restart PIN entry
- Press **Back** to return to Alarm screen
- Press **Done** after entering the PIN number

5. PHOTOS

5.1. About photos

The **Photos** screen displays a collection of your favourite photos as a slide show. Upload the photos you want to display on the Touch Screen Controller using the AtaMobile app. Select photos from an existing gallery, or take a camera shot.

Refer to the AtaMobile app guide for details of how to send photos to your Touch Screen Controller.



5.2. Running photos

1. Touch **Photos** on the Home Screen
2. If you have uploaded photos to the Touch Screen Controller, the slide show will automatically launch and scroll through the photos.
3. When you touch the screen the navigation panel will either display or hide.
4. To delete a photo touch **Delete**
5. To display the next photo, touch **Next**



6. LIGHTING

6.1. About lighting moods

Light mood groups are created with the ACB. You can create as many light mood groups as you want. A light mood can be simple – with a single light group – or more complex, with multiple light groups or across the whole house.

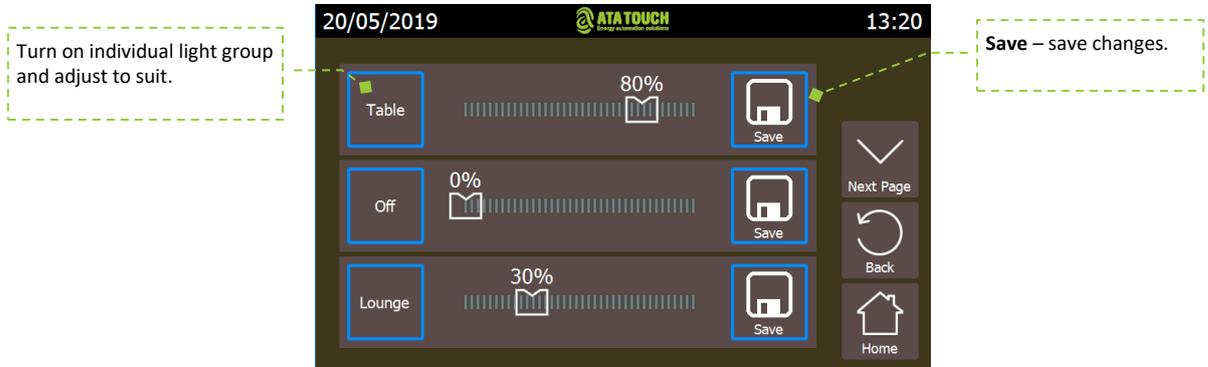
When you create a group of lights, you can select which ones to turn on or off, as well as the brightness level (providing they are dimmable) for each individual group.



6.2. Setting lighting moods

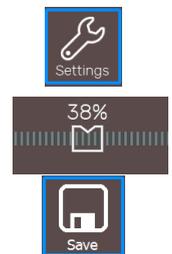
The Mood Light Master controls the light mood. The master's slider will change the brightness of each light group proportionally.

Example: For a mood called **Dining**, the dining room table lights will come on at 80% brightness, the lounge lights will be dimmed to 30% and the other selected lights will be turned off.



To adjust the light mood settings:

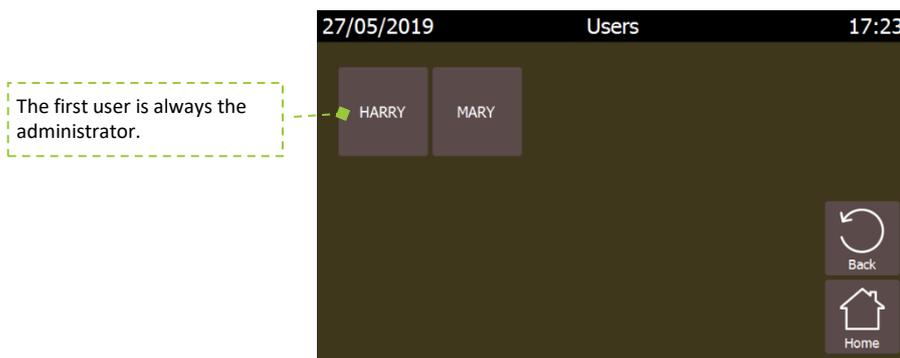
1. On the Light Moods screen, touch **Settings** for the mood to be adjusted.
2. Adjust the brightness level of each light group in the mood, by dragging the **slider** to the desired level.
3. Touch **Save** to save the new brightness setting for each group.
4. Touch **Home** to save the new light mood.



7. USER CONFIGURATION

7.1. About user configuration

The user configuration function sets up access rights for users to the alarm system and the Touch Screen Controller through the internet. Only Administrators can add or delete users. To ensure integrity of the system, always ensure that the homeowner is set as the administrator (the first user).



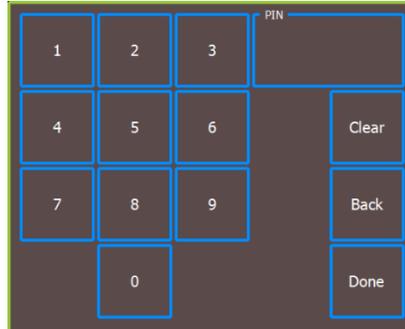
For guidance about User Configuration, refer to the following sections:

Function	Refer to:
Setting up a new User and changing user properties	Section 7.2 b
Assigning or changing users' Personal Identification Numbers (PINs)	Section 7.2 c
Registering RFID tags	Section 7.2 d
Managing users' Gmail addresses	Section 7.2 e

7.2. Setting up and editing users

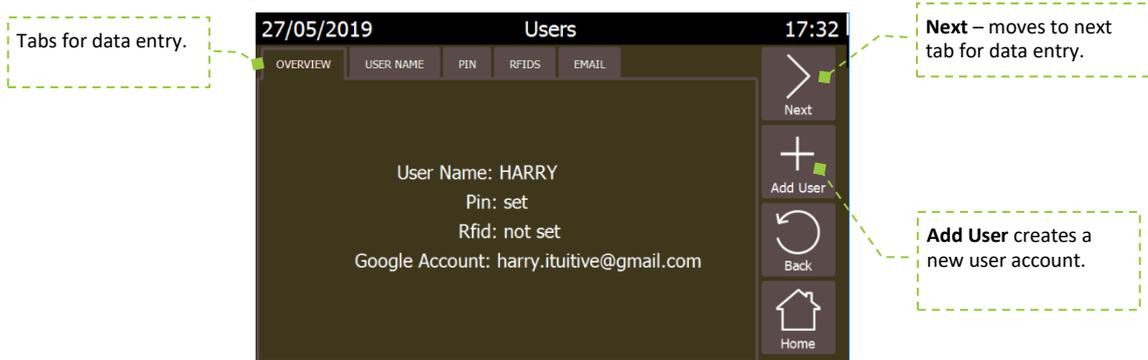
During installation, the first user added to the system will become the administrator. This user will be the first to appear on the Users screen. Once an administrator has been created, their Personal Identification Number (PIN) is required to access the users screen to create, change or delete additional (secondary) users. Secondary users can only access their own account.

Access PINs are 4-digit numbers.



a. User overview

Once the correct pin has been entered you will be taken to the User Overview. This screen displays the User Name, shows if a PIN has been entered, whether a RFID tag has been assigned and what Google Account has been assigned.



To create a new user:

1. Touch **Add User** from the Users home screen 
2. Assign a unique identifier on the User Name tab (section B below). Touch **SAVE** to save the new name. 
3. Assign a PIN on the PIN tab (section C below). Touch **SAVE** to save the new PIN code.
4. Assign any RFID tags if an RFID reader has been installed (section D below).
5. Assign a valid Gmail address to the user, if the system is connected to the Internet (section E below).

b. Assign a user name

Each user requires a unique user name with 4 digit PIN, optional RFID and email address (Gmail). This unique identification allows access to arm or disarm the security system and access the system via the AtaMobile app.

Next – move to next tab for data entry.

Save writes data to memory.

Add User creates a new user account.

Backspace - delete characters.

abc – change to upper case or characters or back to lower case.

c. Assign a PIN

A unique 4-digit PIN is required for each user. The PIN is also used for arming and disarming the security system.

Next – move to next tab for data entry.

Save writes data to memory.

Add User lets you create a new user account.

Clear - delete pin number.

d. Assign a RFID tag

If a RFID reader is fitted to the system, you can assign a RFID tag to a user.

Current RFID displays the read valid EID for the RFID tag.

Claim Tag – assign the current displayed tag to the user.

Clear Users Tags - delete all tags from the memory.

Remove Tag - delete this tag from the memory.

To all assign a RFID tag to a user:

1. hold the tag in front of the reader. When a valid read is detected, the RFID reader will sound a tone.
2. At the Touch Screen Controller, touch **Claim Tag**. This must be completed within two minutes. The tag EID will be displayed in the Current RFID window.

e. Assign an email address

To allow a user to have remote access via the AtaMobile app, you must assign a valid Gmail address associated with the user’s mobile phone account.



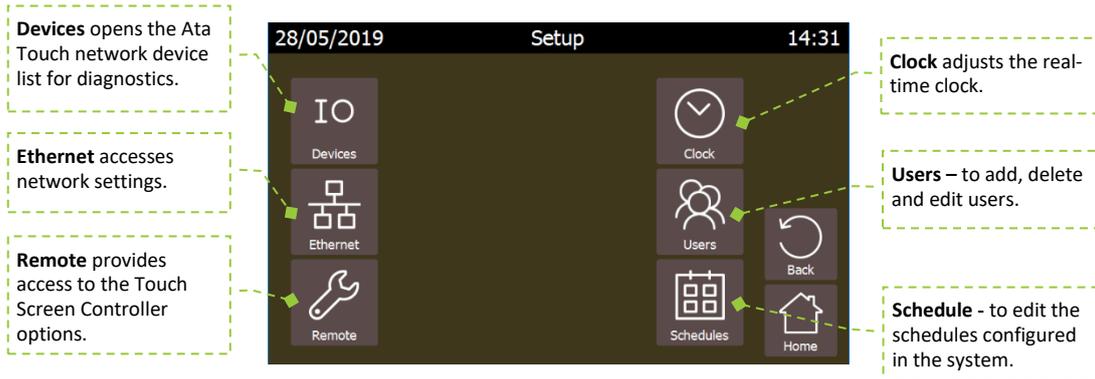
8. SYSTEM SETTINGS

8.1. About system settings

System settings provides configuration settings and diagnostics for the Touch Screen Controller and devices connected to the Ata Touch data bus.

Warning: Changing system settings should only be carried out by an accredited Ata Touch engineer.

The **Setup** screen provides access to the system settings.



For guidance about System Settings, refer to the following sections:

Button	Function	Refer to:
	Setting the time and date	Section 8.2
	Configuring and changing network and Internet settings	Section 8.3
	Device diagnostics and manual control	Section 8.4

8.2. Setting the time and date

The real-time clock is used throughout the system to manage schedules for heating, water heating, lighting simulation and other events. The clock is also used to provide time stamping for logged events when the logging function is applied to any device event.

When connected to the Internet, the system can be set to synchronise with Internet time. In this mode, it will automatically adjust for daylight saving.

You can set the clock manually. This mode is mainly used when the Ata Touch system is not connected to the Internet.

To access the Clock functions:

1. Press the **Clock** button to access the clock Settings screen.



a. Time from Internet

To enable automatic time synchronisation with you Internet-connected Ata Touch system:

1. Touch **Time from Internet** on the Clock Settings screen. When the button is **GREEN**, Internet Time Synchronisation is active.



Time From Internet – when button is **GREEN**, Internet time synchronisation is enabled.

Manually Set Time – to enable manually setting of the time. Internet time will be disabled.

b. Manual time setting

On The manual clock setting screen, you can manually set the date and time:

1. Touch **Manually Set Time** on the Clock Settings screen. When the button is **GREEN**, manual time setting is enabled.
3. Adjust the date and time with the buttons on the clock. Touch **HOME** to save the settings when done.



Select hour or minute by rotating dial to the desired number.

Highlighted value is the number that can be edited with the Increase and Decrease buttons.

Toggle between Hours, Minutes and AM/PM. The clock face will change from 1 to 12 and 1 to 60.

Increase the highlighted value by one.

Decrease the highlighted value by one.

Toggle between Day, Month and Year.

8.3. Network and communications

The Touch Screen Controller supports Dynamic Host Configuration Protocol (DHCP) and manual address setting. When DHCP is enabled, the wireless router will automatically allocate an IP address. If you need a fixed IP address, then manually set the IP address.

To access Ethernet settings:

1. Touch **Ethernet** on the Setup screen.



Note: Before enabling DHCP, ensure that your wireless router supports this service.

IP: current allocated TSC Internet Protocol (IP) address.

Subnet: defines the logical partition of an IP network into multiple, smaller network segments.

Gateway: the bridge to other networks and sets a limit.

Edit enables manual editing of the IP address and associated parameters

DNS - the Touch Screen Controller domain name system.

Toggle changes DHCP from Disabled to Enabled.

a. Ethernet editing

To edit the Ethernet settings:

1. Press the **Edit** button on the top right corner of the Ethernet Settings screen to open the network settings.
2. Edit the settings as required, then touch **HOME** to save your changes.



Highlighted field is the address or field being edited.

Next scrolls from one field to the next. Highlighted in GREEN.

Buttons highlighted in BLUE indicate the active buttons for this edit.

ABC – change to upper case or characters or back to lower case

BKSP deletes the last number or character entered.

b. Remote functions

To access the remote functions:

1. Press the **Edit** button on the Ethernet Settings screen to enable Ethernet editing.
2. Press the **Next** button to go to more settings.
Available functions are shown in the following diagrams.



Updates when locked to stop automatic updates.

Touch Screen ID allows you to set the TSC ID number.

Screen Blanking allows you to set a blanking time delay.

Next – Go to next screen.

Check for Config – forces the Touch Screen Controller to request if the latest configuration is installed.

Check for Firmware – forces the Touch Screen Controller to request if the latest firmware is installed.

Next – Go to previous screen.

Blind Mode – Turns the Colour-blind mode button highlight feature on or off.

Reboot performs a 'soft' reboot of the Touch Screen Controller.

STATUS displays systems hardware and software versions. It will also display if an update is available.

Save Trial – if configuration is currently under test you can save this to the run version.

Note: If the Save Trial Config button is displayed, there is trial version currently running in the system. If a power-down or reboot occurs while this status exists, the trial changes will be lost. Once you are happy with the changes save them to the running file.

Save Trial Config

8.4. Device diagnostics

Ata Touch comes with diagnostics tools that can be accessed to determine a fault with a device or to manually operate the device. Each device on the Ata Touch network will be shown with its description, device ID, firmware version and its current status.

Device is shown with its current settings and status.

Devices shown with a **RED** boarder indicates a fault condition with the device.

Devices - to access a devices diagnostics screen, press the device button.

Next scrolls from one field to the next.

To access Device Diagnostics:

1. Touch **Device IO** on the Setup screen.
2. Touch the relevant Device button on the Device List screen to access its diagnostics and manual control functions.



b. Light controller diagnostics

The device diagnostics and manual controls for a light controller are shown in the following illustration.

Zone 1 – GREEN indicates that the zone is On.

Zone 3 – if the zone is set to be dimmable, a dimming bar will be present. 0 to 100%

Zone 4 – if a maximum or minimum setting has been applied you will only be able to adjust to within these setpoints.

Zone 5 RED indicates that the zone is off

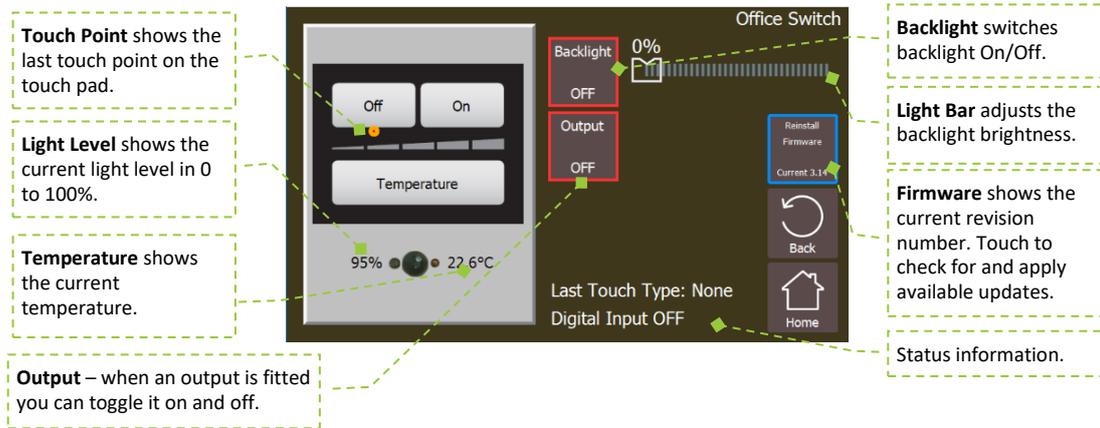
Inputs – if the device has inputs it will display if they are ON or OFF.

Firmware shows the current revision number. Touch to check for updates, and apply any available.

Current – each zone is current monitored. The zone's current draw is displayed.

c. Touch switch diagnostics

The device diagnostics and manual controls for a Touch Switch controller are shown in the following illustration.



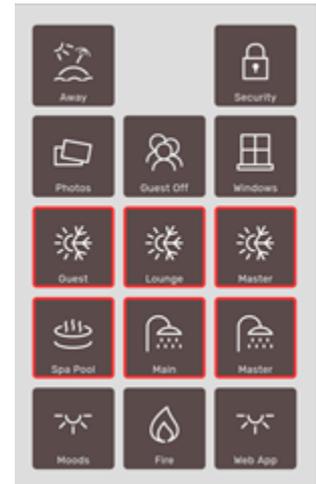
9. ATAMOBILE

AtaMobile is a mobile Smartphone app for Advanced, Elite and Ultimate installations that have a Touch Screen Controller (TSC). AtaMobile is available for both Android and Apple iPhone and can be downloaded from the associated app store.

Refer to the AtaMobile full installation guide to correctly register the app with Ata Touch and enable access.

The TSC must be connected to the Internet through a wireless router in order to access the AtaMobile Cloud Server. If the Internet is not available, the app will operate in local mode only.

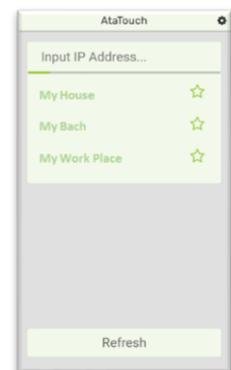
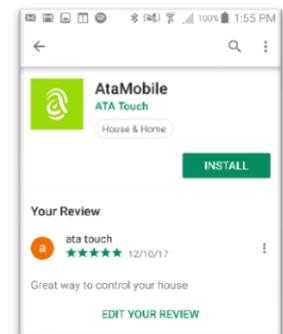
AtaMobile provides user functionality only. access to system configuration and setup is not available through the App.



9.1. Installation

a. Android

1. In the Play Store, search for AtaMobile. Select the app and touch INSTALL.
The app will download onto your phone and automatically install. This will take a few minutes, depending on your internet speed.
2. Once installed you can open the app.
3. Select a valid Gmail address from a list or create a valid Gmail address.
4. The Gmail address selected must match the Gmail address entered in the Users option on the TSC. Only added users with a valid Gmail address will be allowed to access the installation.
5. Once Ata Touch has launched you will be able to select the installations that are registered to your Gmail account.
6. Use the SETTINGS icon on the top righthand corner of the screen to select the settings for your AtaMobile app.
7. The functions available are:
 - Auto Connect allows the app to access the last installation you connected to.
 - Vibrate on Tap provides haptic feedback when you touch buttons.
 - Default TSC: the last TSC accessed to launch automatically.
 - Default IP: the default TSC's last-known IP address.
 - User's Email: your valid Gmail address.
 - If Auto Connect is enabled or the app is already launched, then Change TSC allows you to select another valid TSC installation from the list.
 - Change User/Email allows you to edit the Gmail account.



8. Trouble-shooting:

- If the App doesn't connect remotely, but will connect over the local wireless network, check that you have cellphone connection or a wireless internet connection. If no internet is available, talk to your internet provider.
- From time to time Ata Touch releases new firmware for the TSC or the AtaMobile App. Notification is normally provided. If you have missed the notification you can always uninstall and reinstall the app. Or contact Ata Touch for assistance.
- The remote app can have a small delay depending on the responsiveness of the internet and your location. When you action something through the app give it a few seconds to acknowledge change and see if the status or the screen changes. The app is only as response as the communications path it must follow.

From time to time the Ata Touch Cloud server is updated, which can cause temporary loss of communications. Wait a while, and try again later. If you still experience issues, contact your Ata Touch support team.