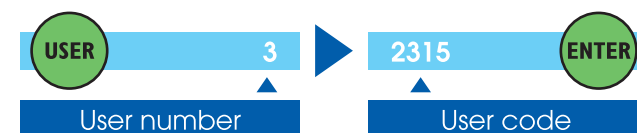


Instructions for Minor Users

Each person authorized to use hot water will be allocated a single digit user number and a 4 digit access code.

When you wish to use the water, press (user) on the keypad, followed by your user number and access code, then press (enter).

Example:



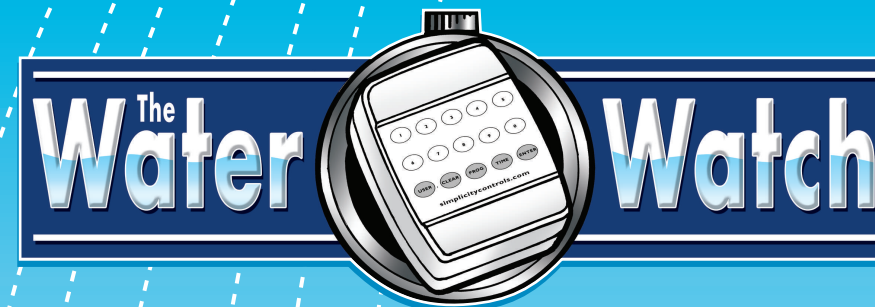
Your timed allocation of water will start as soon as you press enter – it does not start when you turn the water on. The allocated time can not be stopped or divided in to separate sessions.

When you have only one minute remaining the hot water will be disabled for 1 second (if fitted to a shower it will be felt as a very short cold pulse of water) giving adequate warning that your allocation is about to finish.

If required, and at the 'major' users discretion, one extra allocation of hot water can be enabled in any 24 hour period.

If your user number or access code does not work check with the major user.

Programmable Shower/Bath Controller User Manual



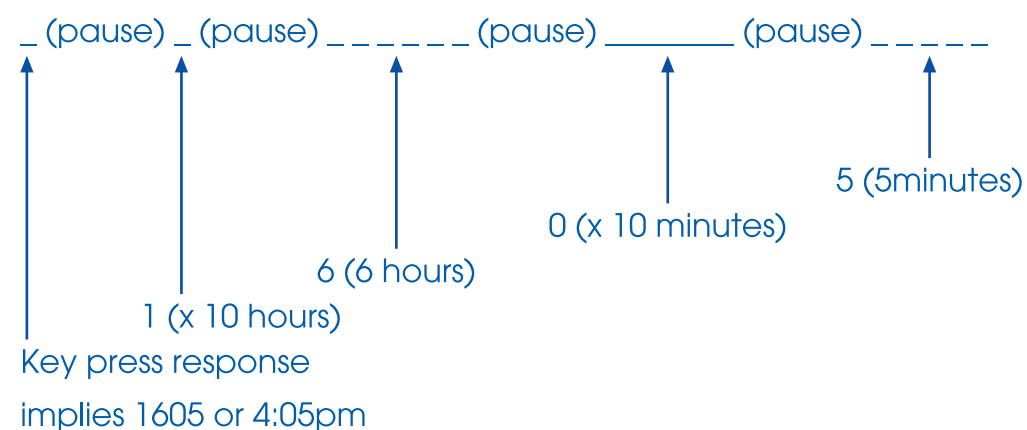
www.simplicitycontrols.com

Checking the Current Time

The current time setting can be checked by pressing the (TIME) button. The keypad will respond by 'beeping' out the current time. It will be the same format as described earlier in the 'setting the time' section, for instance 4:05pm (16:05 on a 24 hour clock) will be represented as '1605'.

Each digit is given in turn by a series of beeps, with a pause in between. A long beep represents '0' and 1 to 9 short beeps represents the digits 1 through to 9 respectively.

An example of the response you will hear is:



Where:
'-' = short beep
'—' = long beep
'(pause)' = a pause

The Water Watch

Installing 'The Water Watch' by Simplicity Control Systems enables you to control the daily hot water use by individual users of an appliance, shower, bath or outlet, which in turn also lowers users total cold water consumption.

The device is covered by a manufacturers warranty, please see the separate warranty card for more information. It is important that you fill out and retain this card for any possible future warranty claims.

Each unit has an individual serial number, please record this along with the 'major' user access code you chose in the back of this book.

If you forget or lose the major user access code it can be reset to the default settings, but this can only be done if you have registered the unit online, have internet access and pay the prescribed fee.

Overview

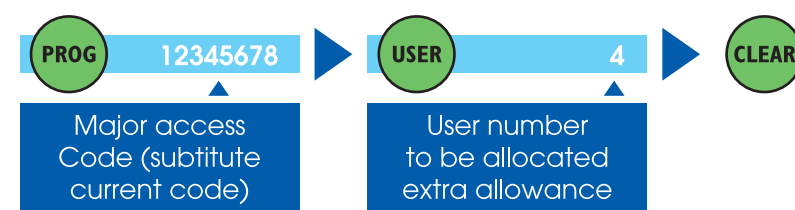
The device consists of 3 main parts:

- 1) **A low voltage solenoid valve.** The valve is fitted inline with the hot water pipe going to the appliance that you wish to control.
- 2) **A control box.** This unit is positioned very close to the solenoid valve and it is connected through the wall cavity, or in conduit, to the power supply.
- 3) **A keypad.** The access keypad is usually positioned inside the bathroom, next to the light switch but occasionally outside if the bathroom does not have an exhaust fan. The keypad is used to program and operate the system.

Allocating an extra session to a user

If a user requires a second allocation of water within the same 24 hour period this can easily be allowed by the major user by clearing their history for the day. History is also cleared whenever the time is set.

Enter the following sequence:



Recovering major users access code

If you have forgotten/lost your major user access code the unit will have to be reset to factory defaults. For security reasons every unit has an individual reset code, to generate this code the units warranty information must be registered online and you must know it's serial number – a processing fee will be incurred to recover the code. If you have not registered the product, or you do not have the serial number you will have to return the keypad and control box to the manufacturer for a full factory reset.

Battery Replacement

Wireless: The 9V battery should be replaced annually, it is suggested this is done at the same time as your smoke alarm battery so that you do not forget.

Wired: Although a battery is not required for a wired installation, it is recommended that one is still used so that the time does not have to be reset after a mains power failure.

Using 'The Water Watch'

Once the system is installed and set up a 'major' user must be assigned (usually the head of the household). This person has access to the whole system and can enable users by setting their access codes and allocating 'time' to them.

Each person who requires access to hot water is assigned a single digit 'user' number and four digit 'access code'. They are also assigned an amount of water use for the day (in minutes). This must be used all in one session per day – it can not be divided up in to separate sessions.

When a user requires access to the hot water, they enter their user number and access code into the keypad, the hot water supply is then activated for the duration of time they have been assigned by the major user. A 'times up' warning is given when one minute remains by the solenoid closing for one second, momentarily stopping the flow of hot water.

The 'turn over time' is also set by the major user, this is the time each day at which the system history is cleared and each user is able to access their next days allocation. In the case of a shower controller it would typically be set for 2am - a time when someone is unlikely to be having a shower.

If required, a user can be given a second water allocation for the day by the major user, this is explained further in the programming section. Alternatively if a user regularly requires more than one allocation per day, they can simply be assigned a second user number and hence water allocation.

Users, their access codes and their allocated times can also be changed and updated at any time by the major user.

Fault Finding

If the system fails to operate:

Check power is available – are you getting a beep with each key press? If you do not, make sure the mains power is on for the control box, and the keypad has a fresh battery - if not hard wired.

Is water available – check a hot water outlet that is not controlled by the water watch to ensure hot water is available.

Is the valve operating – The output of the control box can be monitored using a AC Volt meter, if 24VAC is present at the output (solenoid terminals) then check for a faulty solenoid.

“Beep” Responses:

ONE beep	good contact press, or sequence accepted.
THREE long beeps	error, go back and do the sequence again.
FIVE short beeps	time for this user already accessed in this 24 hour period.
TEN very short beeps	time to change the battery soon (wireless install only, when you press enter after accessing the unit). Unit will still work for a few days.

Servicing

Any servicing claims should be addressed to:

Simplicity Control Systems Pty Ltd
64 Bridges Rd
Morayfield
Qld 4506

Ph: 07 54987766 Fax: 07 54987422
www.simplicitycontrols.com

See your warranty card for more information.

Installation

Although installation is well within the capabilities of most handymen it is recommended this product be installed by professional licensed trades people, if installed correctly it should provide years of hassle free service. In many area's it is a legal requirement that plumbing or electrical work is carried out only by licensed professionals. It is your responsibility to check with your local authorities and ensure the appropriate people are used where required. Detailed installation instructions are provided in the separate 'Quick Install' Guide.

For your future reference, keep the following information up to date:

Unit Serial Number:

(On the solenoid control box)

Major User Access Code: (8 digits)

Hint: Delete any old/obsolete codes to prevent confusion

Name	User Number	Access Code (4 digit)			
	0				
	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
	9				

Initializing the System

Once the installation is complete the first thing you must do is initialize the system.

Note: with each key press you should hear a beep, if there is no beep then the key press has not registered. 3 Beeps in a row after a key press indicates an error (you have entered an incorrect value). If this occurs wait a short time and start the sequence again.

Initialize the system by completing the following:

- 1) Set the major user pin number
- 2) Set the current time & turn over time
- 3) Add a user

Setting the 'Major' users Pin Number

When the unit is shipped its default major users code is "12345678". It is recommended this is changed to a unique number that only the major user knows, this is done by in the following way:

Press the (PROG) button then enter the current 'major' users access code - this will be '12345678' if it is still the factory default, else substitute in the most recent code you have programmed. Press (PROG) again, followed by the new 8-digit code you want to use. Press (ENTER) Then enter the new code again to confirm it is correct and finally press (ENTER) to store it.



It is important to **record the new code each time you change it**, either in this book or another safe location. If you lose the code consult the 'Recovering major users access code' section of this

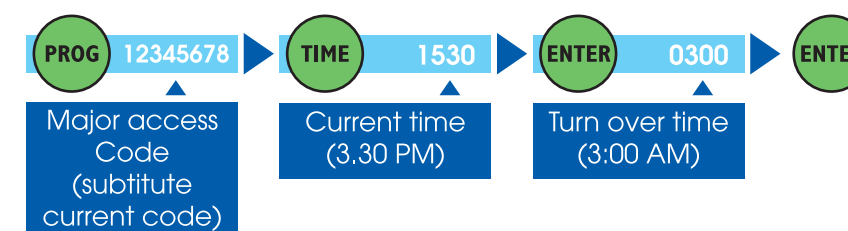
Setting the Times

The Water Watch uses a 24 hour clock, so all times should be entered as a 4 digit number, the first 2 digits represent the hour (00 to 23) and the last 2 digits the minutes (00 to 59) so 9:28 AM = 0928, and 5:42 pm = 1742.

The current time and the turn over time are set in a single sequence:

Press the (PROG) button and enter the current 'major' users 8 digit access code. Press (TIME) and enter the current time (4 digits) press (ENTER) and enter the 'turn over time' (4 digits) then press (ENTER) to complete the sequence.

Example Sequence:



Adding/Editing a User

Each user is allocated a number (0 to 9) and a 4-digit pin code. They are also assigned a time limit for their water use in minutes (02 to 99).

New users can be entered (or old ones edited) using the following sequence:

