Micro 3000 Control Station

USER INSTRUCTIONS

INNOTECH®

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About the Micro 3000 Control Station

The Innotech® *Micro 3000 Control Station* is a Human Machine Interface for the Innotech *Micro 3000 Controller*.

The *Control Station* incorporates an attractive design and intuitive Liquid Crystal Display (LCD) interface for viewing and adjusting various predefined variables on the *Controller*.

This user guide will help you to:

- Program the date and time,
- Program daylight savings time,
- Edit, copy, or delete schedules,
- View and clear accumulated after hours time,
- View information about the *Controller* and *Control Station*.

Control Station Menu Navigation

The diagram below (Figure 1) illustrates the overall menu structure of the device. You can use the interface to easily navigate through the different menus as described in the following pages.

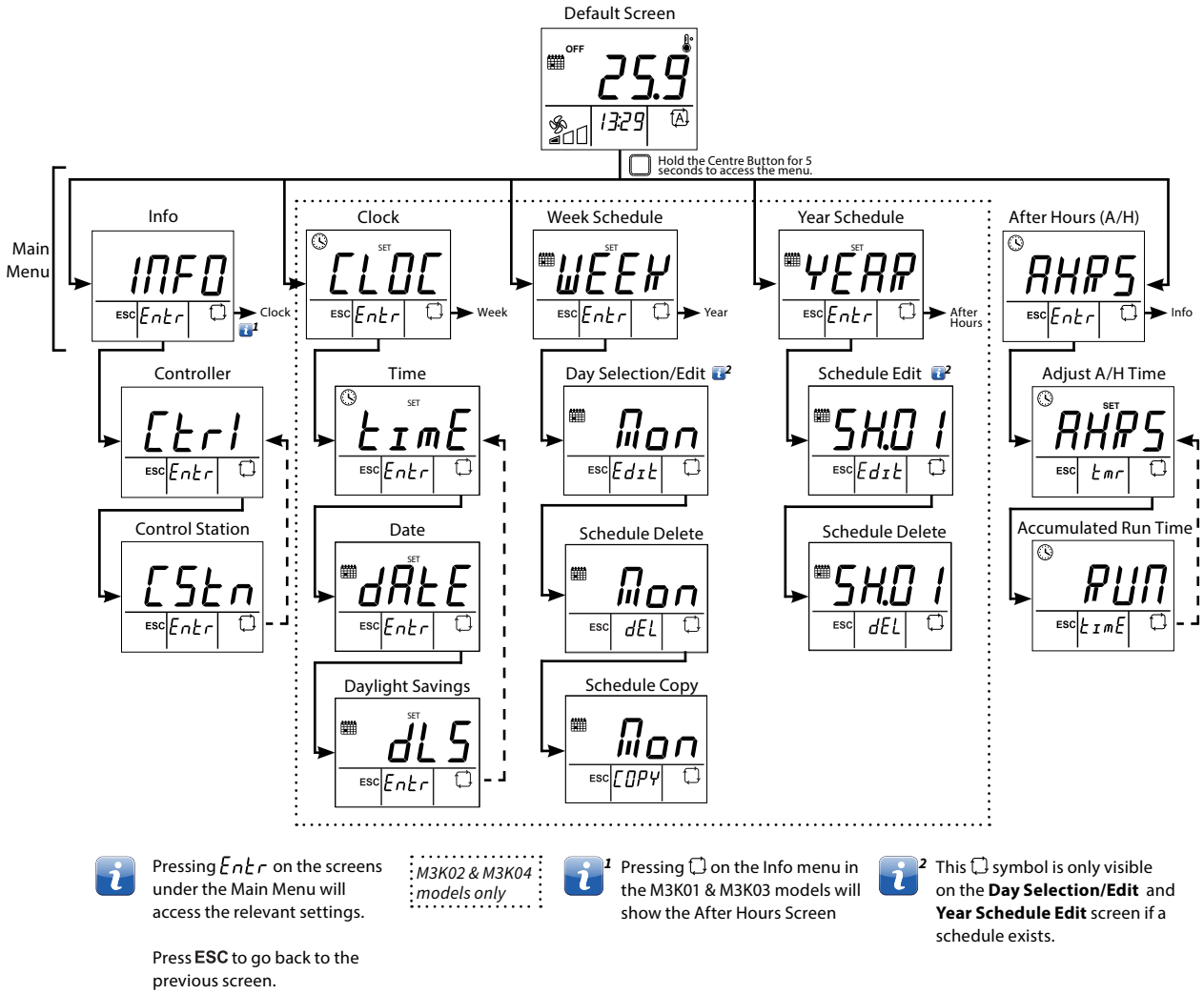

Figure 1: M3K Control Station Menu Navigation Overview

NOTE

Throughout this document, references to a "Control Station" refer to the Micro 3000 Control Station. References to a "Controller" refer to the Micro 3000 Controller. References to "M3K" refer to Micro 3000.

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Control Station Interface

The buttons and features of the *Control Station* interface are shown below in Figure 2.

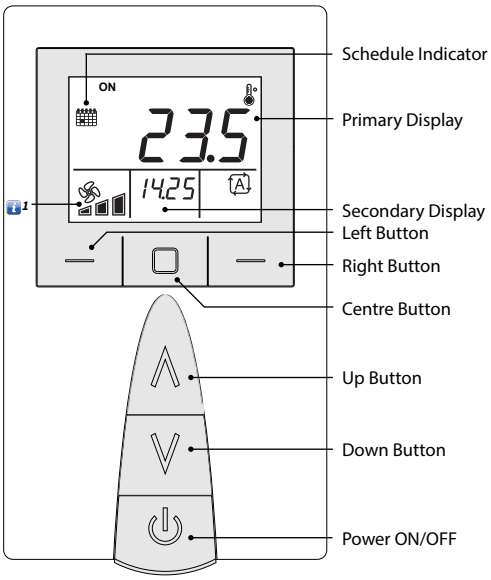

Figure 2: Control Station Interface

Table 1: Control Station Buttons and Functions

Button	Description
Power ON/OFF -	Press the POWER ON/OFF button to turn the system on or off.
Up and Down -	When adjusting a setting, use the UP button to increase the value, or the DOWN button to decrease the value.
Left Button	Use the LEFT Button to exit and return to the previous menu. Press repeatedly to return to the main menu. This button also adjusts the fan speed and enables and disables schedules.
Centre Button -	The CENTRE Button has several functions: Enter / Save / Copy / Delete. These functions are available depending on which menu you are in, or what you are adjusting.
Right Button -	Use the RIGHT button to scroll through the different screens and settings.

Table 2: M3K Control Station Operational Basics

Function	Procedure
Run Request / After Hours	Press the **POWER** button to cycle ON or OFF.
Adjust Set Point Temperature	Press the **UP** button to increase the set point, or **DOWN** button to decrease the set point.
Adjust Fan Speed [1]	Press the **LEFT** button to adjust the fan speed to the desired setting.
Enable / Disable Programmed Schedules [2]	Hold down the **LEFT** button to enable or disable programmed schedules. When programmed and enabled, Yearly Schedules have priority over Weekly Schedules.
Set Control Mode	Press the **RIGHT** button to cycle through the Automatic, Heating, Cooling & Fan Only control modes.
View Current Status	Press the **CENTRE** button to scroll through various information on the display. The display will show *Time* [2], *Date* [2], *Control State, Set Point, Room Temperature, Ambient Temperature and Analogue Output Value*. The display will return to the default screen after 30 seconds.
Navigate Menus	Use the **LEFT, RIGHT** and **CENTRE** buttons to navigate the menus.
Startup Defaults	Hold the **CENTRE** and **RIGHT** buttons to Set Default Start-up Values. The current settings are saved and the settings will be retained in case of power loss.

When After Hours is disabled (set to ----), the Power On/Off button is disabled.

[1] *M3K03 & M3K04 models only*

[2] *M3K02 & M3K04 models only*

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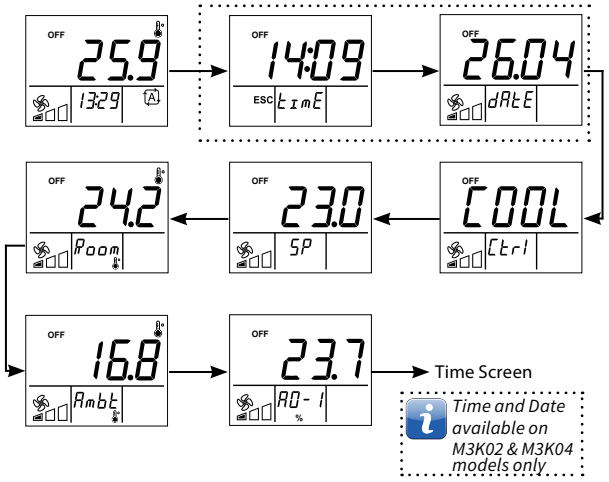
Control Station Primary Display

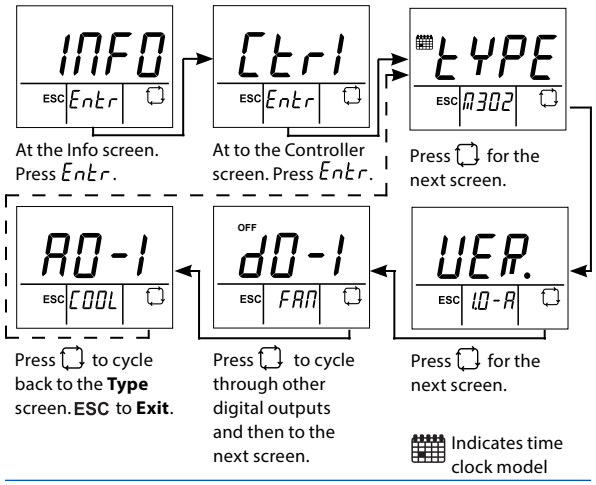
View information about the system by pressing the **CENTRE** button to scroll between the screens in the order below.



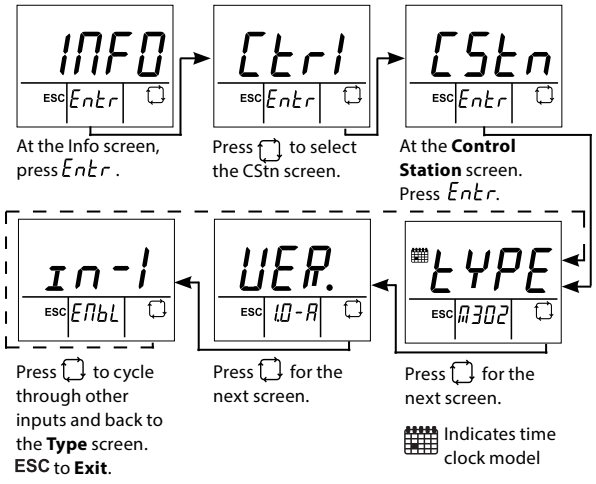
System Information

Press and hold the **CENTRE** button for 5 seconds to access the Info menu.

View Controller Information



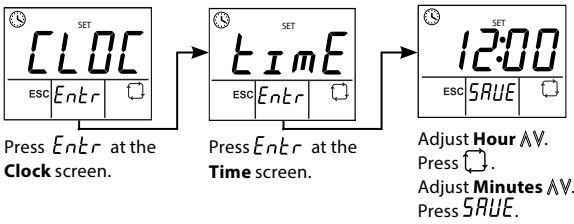
View Control Station Information

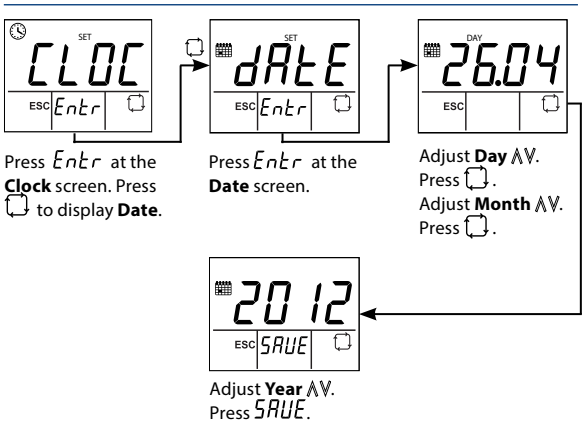


Programming the Control Station

Access the programming menu from the default screen by pressing and holding the **CENTRE** button for 5 seconds. Scroll to desired parameter and adjust settings using the ∧∨ and buttons.

Adjusting the Time and Date

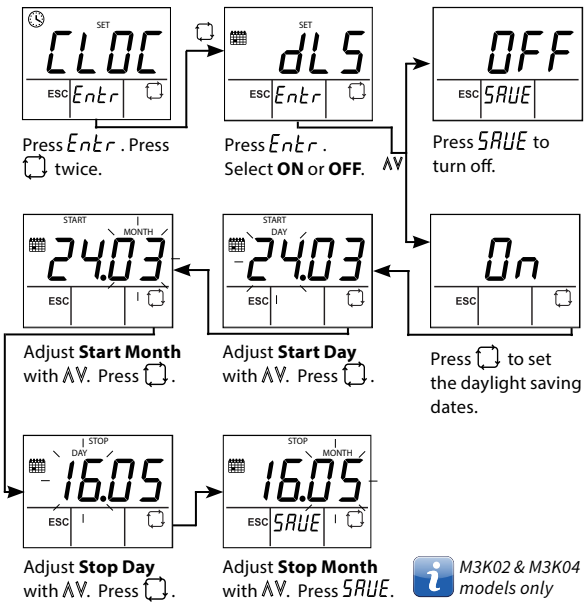




The date format is DD.MM, 26.04 corresponds to 26th April. The time is 24 hour only.

Only the M3K02 & M3K04 models with Real Time Clocks can change details for Time, Date, Daylight Savings and Edit & Delete Weekly and Yearly Schedules.

Configure Daylight Savings



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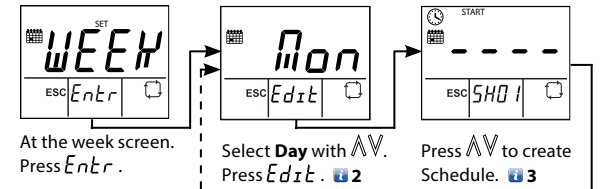
Edit, Copy & Delete Schedules 1

Edit (Add) Weekly Schedule



At the week screen. Press Entr.

Select **Day** with ∧∨. Press Edit. 2

Press ∧∨ to create Schedule. 3

Adjust **Stop Hour** ∧∨. Press . Adjust **Stop Mins** ∧∨. Press SAVE to save and create the next schedule or Press **ESC** to **Exit**.

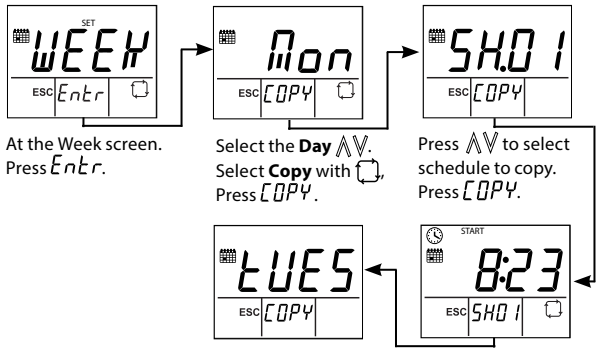
Adjust **Start Hour** ∧∨. Press . Adjust **Start Mins** ∧∨ Press .

1 *M3K02 & M3K04 models only*

2 This symbol is only visible if a schedule exists.

3 Screen Visible only if no schedule exists.

Copy a Weekly Schedule



At the Week screen. Press Entr.

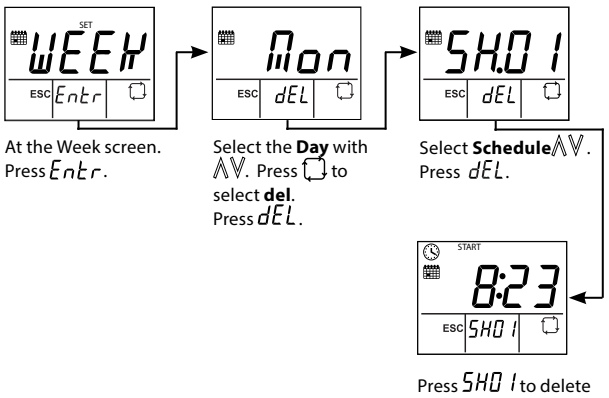
Select the **Day** ∧∨. Select **Copy** with , Press COPY.

Press ∧∨ to select schedule to copy. Press COPY.

Press COPY to copy the same schedule to the next day or press **ESC** to **Exit**.

Press SH01 to copy to the next day.

Delete Weekly Schedule



At the Week screen. Press Entr.

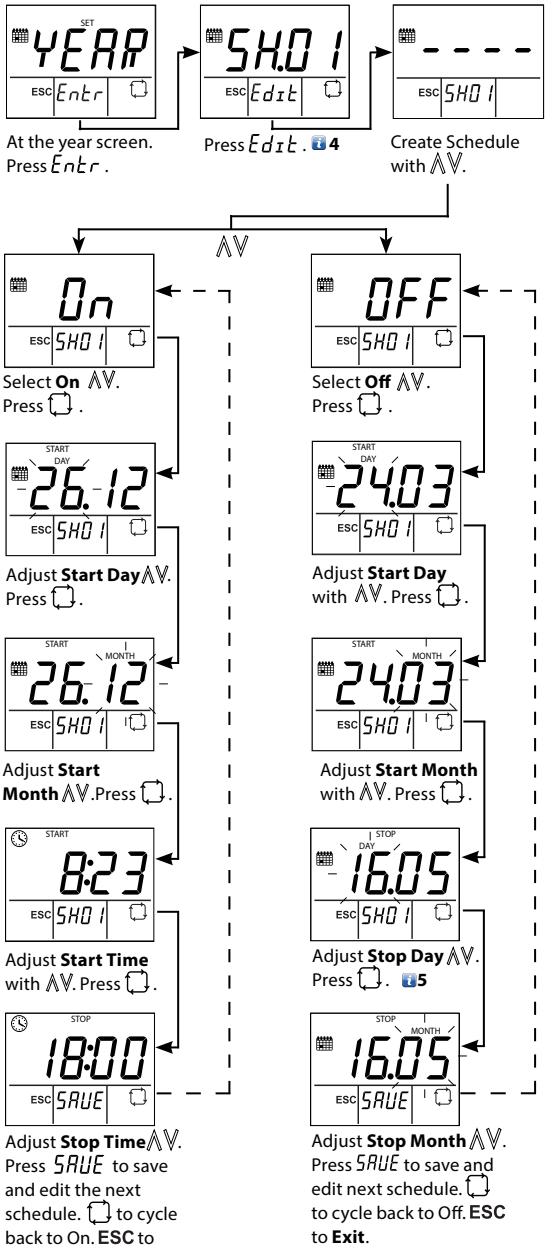
Select the **Day** with ∧∨. Press to select **del**. Press dEL.

Select **Schedule** ∧∨. Press dEL.

Press SH01 to delete the selected schedule.

Edit (Add) Yearly Schedule

Exception to On and Off (Weekly Override)



At the year screen. Press Entr.

Press Edit. 4

Create Schedule with ∧∨.

Select **On** ∧∨. Press .

Select **Off** ∧∨. Press .

Adjust **Start Day** ∧∨. Press .

Adjust **Start Day** with ∧∨. Press .

Adjust **Start Month** ∧∨. Press .

Adjust **Start Month** with ∧∨. Press .

Adjust **Start Time** with ∧∨. Press .

Adjust **Stop Day** ∧∨. Press . 5

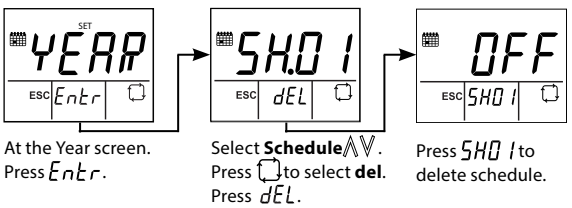
Adjust **Stop Time** ∧∨. Press SAVE to save and edit the next schedule. to cycle back to On. **ESC** to **Exit**.

Adjust **Stop Month** ∧∨. Press SAVE to save and edit next schedule. to cycle back to Off. **ESC** to **Exit**.

4 This symbol is only visible if a schedule exists.

5 If only one day exception to OFF is required, the start and stop day MUST be the same.

Delete Yearly Schedule



At the Year screen. Press Entr.

Select **Schedule** ∧∨. Press to select **del**. Press dEL.

Press SH01 to delete schedule.

After programming your schedule(s), ensure scheduling is enabled. See Page 5 for details.

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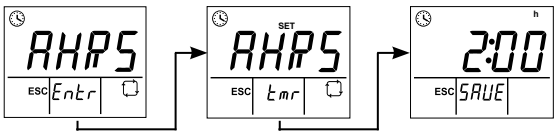
View and Reset After Hours Time

Adjust After Hours Timer



At the After Hours menu.
Press Entr.

Press tmr.

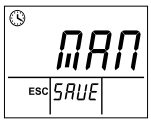
Adjust using ⋀ ⋁ in half hour increments. Press SAVE when finished. **ESC** to **Exit**.

After Hours range is **MAN** to 24:00 hours (0.5 hour increments).

When **MAN** is set, the controller operates in Manual On/Off mode.

If using Manual On/Off mode, disable the schedules by pressing and holding the left button from the default screen.

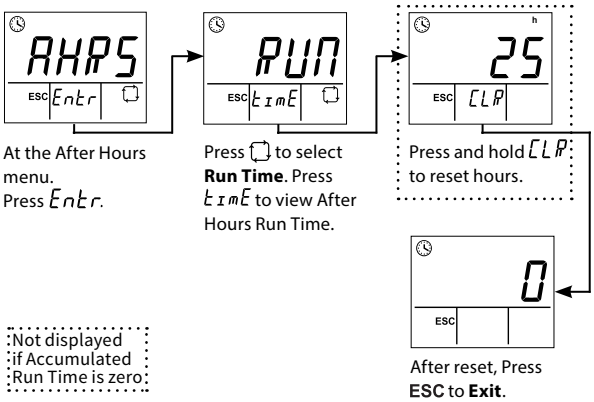
After Hours default is 2 hours.



After Hours Manual On/Off setting screen

MAN is the default setting for the M3K01 & M3K03 non-timeclock models.

Reset Accumulated After Hours Run Time



At the After Hours menu.
Press Entr.

Press ⬚ to select **Run Time**. Press tImE to view After Hours Run Time.

Press and hold CLR to reset hours.

Not displayed if Accumulated Run Time is zero.

After reset, Press **ESC** to **Exit**.

Each press of the After Hours button (Power Button) at the default screen will add 0.5 hours to the Accumulated After Hours Total.

Innotech Support

Innotech provides technical information on the Web to assist you with using its products.
At www.innotech.com.au, you can find technical manuals, user instructions, and data sheets for all our products.

For direct product support or product information, contact your local distributor, or an Innotech representative.

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