Drayton

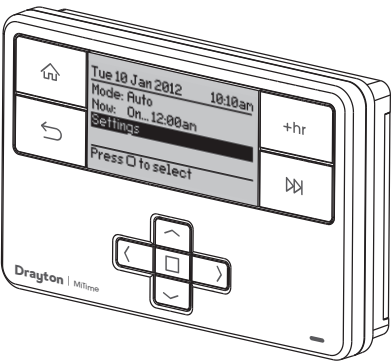## MiTime™ Programmer Series
Single Channel
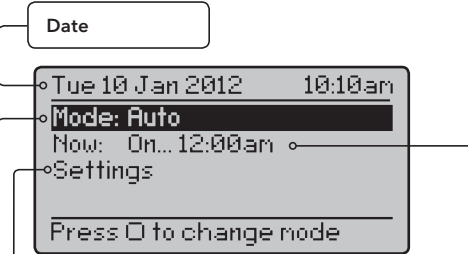
Model: T711R

Technical Helpline: 0333 7000 622
Website: www.draytoncontrols.co.uk
E-mail: customer.care@draytoncontrols.co.uk

 @DraytonControls
 /DraytonControls

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EU Design Regs:- 002180638-1/2/3
User Guide 06490195001 Iss G

CE

HOMEOWNER Guide

HOMEOWNER Guide

What is a programmer?

... an explanation for householders

Programmers allow you to set 'On' and 'Off' time periods. Some models switch the central heating and domestic hot water on and off at the same time, while others allow the domestic hot water and heating to come on and go off at different times.

Set the 'On' and 'Off' time periods to suit your own lifestyle. On some programmers you must also set whether you want the heating and hot water to run continuously, run under the chosen 'On' and 'Off' heating periods, or be permanently off.

The time on the programmer must be correct. Some types have to be adjusted in spring and autumn at the changes between Greenwich Mean Time and British Summer Time.

You may be able to temporarily adjust the heating programme, for example, 'Override', 'Advance' or 'Boost'. These are explained in the manufacturer's instructions.

The heating will not work if the room thermostat has switched the heating off. Also, if you have a hot-water cylinder, the water heating will not work if the cylinder thermostat detects that the hot water has reached the correct temperature.

Crystal Mark
Clarity approved by Plain English Campaign

Step 1: Keys and Display

Single Channel: MiTime T711R

! : Indicates a Service warning

 : Indicates that holiday is enabled

Date

Home screen showing current Mode, Status, Programme timetable and Settings link

Time

Tue 10 Jan 2012   !10:10am
Mode: Auto
Now: On... 12:00am
Settings

Press □ to change mode

Home key: Press to go back to the home screen at any time

Back key: Press to return to the previous screen

+hr key: Press from the home screen to add up to 3 hours to the current period

Advance key: Press from the home screen to advance to the next on or off period

Help text to prompt for next action. It relates to the highlighted line

Select key: Press to select highlighted options, and to open and save editor screens

This icon used throughout these instructions refers to this button

Drayton | MiTime

LED: Illuminates when zone is scheduled to be ON

Arrow keys: Press to move the highlight on screen, and to change field values

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Step 2: Home Screen ➜

Date

Tue 10 Jan 2012   10:10am
Mode: Auto
Now: On... 12:00am
Settings

Press □ to change mode

Now: describes the current status, e.g. programme is On until 12:00am. Also links to Programme timetable, see further details in Step 3.

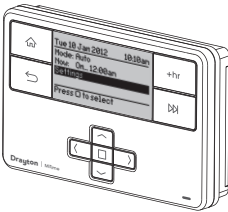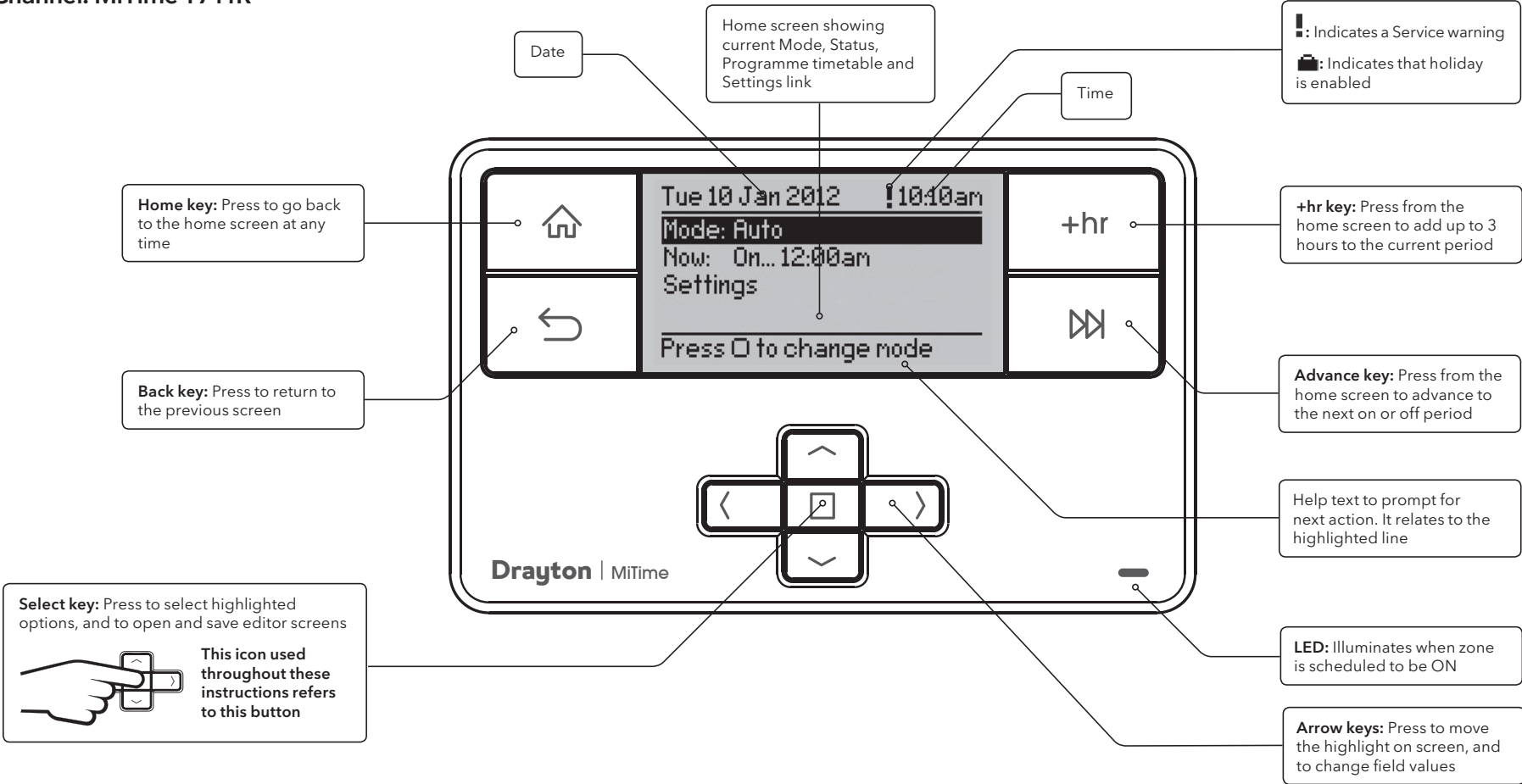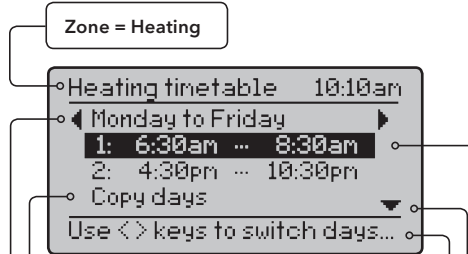Link to Settings, see further details in Step 5.

Current mode: Auto
Options: see table below.

Press Select (□) to view or edit mode

Mode:	Description:
Auto	The programmer will control the ON & OFF times in line with the programmed timetable
Always Off	The selected zone will be OFF
Always On	The selected zone will be ON
All Day (first on / last off)	The programme will control the ON & OFF times in line with the programmed timetable, but using only the first ON event and the last OFF event - it will remain ON in between these two periods.

Step 3: Prog. Timetable ➜

Zone = Heating

Heating timetable   10:10am
◄ Monday to Friday   ►
1: 6:30am ··· 8:30am
2: 4:30pm ··· 10:30pm
Copy days
Use <> keys to switch days...

Link to Copy days

Timetable day range: Monday to Friday (Week and weekend)

Options: Individual days (7day), Week and weekend (5/2day), All week (24hr). The available blocks depend on the selection in menu "change timetable type"

Help text: Use left/right buttons to select the days you want to change

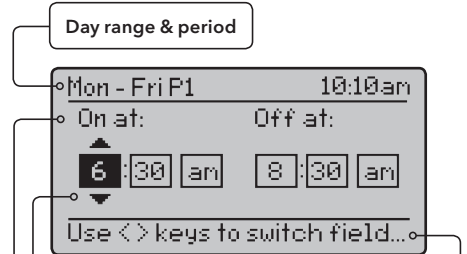Arrow denotes that further options are available if you scroll down.

Period 1 settings: describes the current timetable settings, e.g. Heating has been programmed to turn On at 6:30am and go off at 8:30am

Period 2 settings: describes the current timetable settings, e.g. Heating has been programmed to turn On at 4:30pm and go off at 10:30pm

Press select (□) when highlighted to adjust settings (see Step 4)

Up to 4 periods can be programmed

Step 4: Period Settings ➜

Day range & period

Mon - Fri P1   10:10am
On at: Off at:

[6]:[30] [am]   [8]:[30] [am]

Use <> keys to switch field...

Highlight shows adjustable field: Use up/down buttons to adjust values

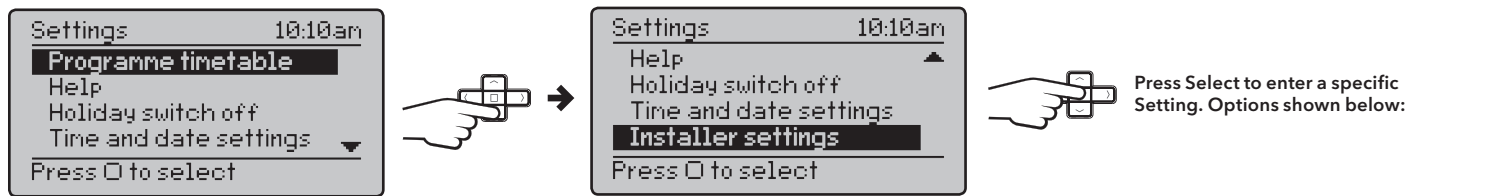**Period settings:** On at 6:30am and Off at 8:30am

Help text: Use left/right buttons to change fields

Stored programmes

MiTime contains **3 pre-set programmes**. An example is shown below. These programmes can be modified according to personal needs and can be stored by using a name. Via this name they also can be reloaded. **Once a programme has been modified, the original factory pre-set will no longer be available. On a System Reset, only the current loaded programme will be replaced with the factory setting – see Installation Guide Step 3.**

Programme 1 Example:	All week	Week & Weekend	
	Mon-Sun	Mon-Fri	Sat-Sun
1st On	6:30am	6:30am	7:00am
1st Off	8:30am	8:30am	9:00am
2nd On	4:30pm	4:30pm	4:00pm
2nd Off	10:30pm	10:30pm	11:00pm

Step 5: Additional User Settings

Settings   10:10am
Programme timetable
Help
Holiday switch off
Time and date settings ▼

Press □ to select

Settings   10:10am
Help
Holiday switch off
Time and date settings
Installer settings

Press □ to select

Press Select to enter a specific Setting. Options shown below:

Feature:	Description:	Factory Pre-Set:
Programme Timetable	On & Off times for the current period can be modified. See description in 'Step 3'	
Copy days	Will copy the current day to one or more other days	
Add Period	Adds a Time event. It will be added at the correct position within the day. There is a maximum of 4 periods.	
Remove Period	Removes the selected period. There needs to be at least 1 period	
Change Timetable Type	The visible day-blocks available in "programme timetable" can be defined, see Step 3.	
Individual days	Each day can be programmed individually	
Week and weekend	Mon... Fri and Sat... Sun can be programmed as 2 blocks	Default
All week	Mon...Sun can be programmed as one block	
Stored programmes	MiTime contains 3 pre-set programmes. These programmes can be modified according to personal needs and can be stored by using a name. Via this name they can also be re-loaded. Once a programme has been modified, the original factory pre-set will no longer be available unless a System Reset is applied - see Installation Guide Step 3.	Programme 1
Load stored programme	A pre-set programme can be loaded	
Save current programme	The current programme can be saved by name (Each pre-set program includes: Individual days, week/weekend, all day and custom day schedules)	

Feature:	Description:	Factory Pre-Set:
Help Tips	Describes the button functions	
Holiday switch off	In the period until holiday starts the product will operate normally. If holiday is disabled manually or terminates automatically, the mode before start of holiday will be re-instated. An enabled holiday will be indicated with a suitcase symbol in the top line. If holiday is active, in the Set: line the holiday end date will be indicated. In the Summary screen the suitcase will be visible together with the holiday temperature.	
Status	Enable or disable holiday mode.	Disabled
Holiday start time (From)	Set the time for the start of your holiday	Current time - nearest hour
Holiday start date (From)	Set the date for the start of your holiday	Today
Holiday end time (To)	Set the time for the end of your holiday	Current time - nearest hour
Holiday end date (To)	Set the date for the end of your holiday	Today + 1 week
Time and date settings		
Set time	To set time of day	Factory set
Set date	To set date	Factory set
Daylight saving	To enable or disable daylight saving	Enabled
Clock format	To select 12h or 24h clock mode	12hr

Step 1: Mounting the Wall-plate ➜

⚠ IMPORTANT:

Installation must only be carried out by a qualified electrician or heating engineer.

Make sure mains input has a 3 amp fuse.

⚠ CAUTION! Before installation, make sure the mains supply is switched off!

Option 1: Fitting a new wall-plate

The ideal location is 1.2m above floor level, with reasonable lighting, good access, no condensation, no extremes of temperature and a supporting surface that fully covers the back of the unit. Position with 70mm clearance to the right, 25mm above and sufficient room to access the securing screws underneath. Fix, with terminals at the top, either direct to a flat wall using wall plugs and No. 6 x 1" (25mm) woodscrews, or on a flush mounting single conduit box type UA1 (BS4662) using M3.5 x 14 bolts.
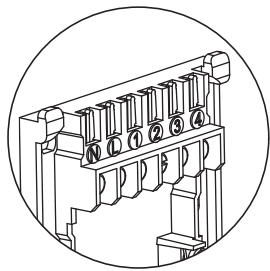
Option 2: Using an existing wall-plate

Loosen the securing screws on the old programmer and unplug it. Check that there is 70mm clearance to the right of the wall-plate and 25mm above it. Check the wiring diagram for your product model to compare terminals and, if necessary, change the wiring of the wall-plate to suit. Now plug the MiTime unit into the wall-plate and tighten the securing screws.
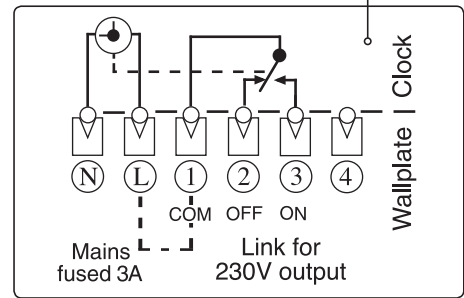
Check the 3A fuse, and switch on the mains.

⚠ DO NOT use a surface mounting box

Connect the wiring as shown below. Note that the output contacts are voltage-free, so power needs to be put on to Terminal 1 either by linking from Terminal L or from a separate supply with a 3A fuse.
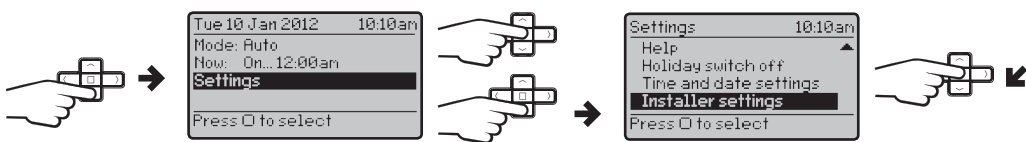

Internal Wiring

N   L   1   2   3   4
         COM OFF ON
Mains   Link for
fused 3A   230V output
                          Wallplate | Clock

⚠ IMPORTANT:

Always switch off the mains before removing the MiTime programmer – and never fit it to a live wall-plate!
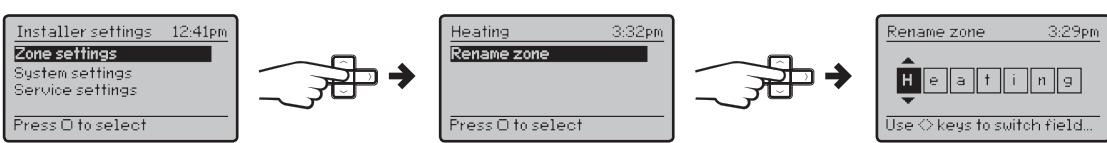
✎ Installer Notes:
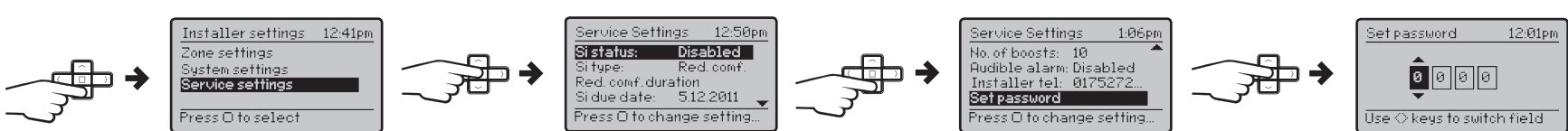

Step 3: Installer Settings ➜

From the Home screen, select **Settings**, then **Installer settings** as shown.

From here you can edit the assigned zones, rename them if required and adjust the Service settings.

If using the Service feature, remember to set the **Password** when complete.

✎ Installer Notes:

Feature:	Description:	Factory Pre-Set:
Installer Settings	⚠ CAUTION! These settings should only be modified by a qualified person. They can influence safety and the proper functioning of the system.	
Zone Settings	Customise the MiTime according to personal requirements	
Rename zone	To rename an existing zone	Heating
System Settings	These are the settings which will be applied to the MiTime unit	
View product information	View the product details, e.g. Part number, Firmware revision etc.	
Backlight settings	Available options are: On with timeout, Always On, Always Off	On with timeout
Screen lock	Enable or disable the lock in the MiTime unit To Lock: Enter a 3 digit code for protection To Unlock: Enter the 3 digit code	000 Master Code 401
Powersave	To reduce power use when not being adjusted. Available options are: Powersave off, partial display with key data, no display until button press	Powersave off
System Reset	Will reset all settings to factory pre-sets	
Service Settings	To help comply with regulation 36 of the Gas safety [Installation & Use] regulations 1998	
Si Status	Enable or disable Service mode	Disabled
Si Type	Select between, Reduced Comfort, Switched Off & No Effect (warnings only)	Reduced Comfort
Reduced comfort duration	Set the duration for the reduced comfort setting (0 to 60mins.)	15 min.
Si due date	Set the date the next boiler service is due	Today
Warning start	Set the number of days for the on-screen service due warning (0 to 60 days)	30 days
Boost status	Enable or disable Service Boost	Disabled
No. of boosts	Set the number of Boosts to be available after service is due (1 to 99)	10
Audible Alarm	Enable or disable Service Alarm	Enabled
Installer tel	Enter the Installer telephone number if required	
Set password	Set password to restrict access to the Service settings	0000

Technical Data

MiTime T711R	
Voltage	230V a.c. +10% -10% 50Hz
Switch Rating	2 (1) A 230V a.c.
Ambient temp	Operating: 0° to 45°C Storage: -20°C to 50°C
Without mains power	Display: blank Time: always kept Programme times: always preserved
Programming resolution	1 minute
Wiring	Fixed wiring only, to comply with current IEE regulations
Maintenance	Must be maintained by a qualified electrician or heating engineer
Pollution degree	2
Rated impulse voltage	2.5kV
Ball pressure test temperature	75°C
Relevant EC Directives:	2014/35/EC Low Voltage Directive 2014/30/EC Electromagnetic Compatibility Directive 2006/66/EC Battery Directive 2011/65/EU RoHS Directive
Applied Standards:	EN60730-1; EN60730-2-7