

## DISPLAY MODE.

To view the pump running times press the **Display** button. The pump on time is displayed. Press the **Display** button again and the pump off time is displayed. Repeat this sequence until "End" is displayed. After 5 seconds the unit returns to normal operation.



***AssociatedControls***

Time Clock

Model C1200

**[www.asconpool.com](http://www.asconpool.com)**

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## MULTI eCLOCK

The Ascon eClock is designed to give you automatic time control of your swimming pool filtration systems. By following these simple installation and operating instructions you will enjoy trouble free operation for many years.

### **THIS UNIT IS COVERED BY A 12 MONTH WARRANTY**

**CAUTION: DO NOT OPEN THE CASE OF YOUR ASCON eCLOCK. IT IS NOT USER SERVICEABLE. IF THE POWER CORD IS DAMAGED, IT MUST BE REPLACED BY THE MANUFACTURER OR AN AUTHORISED AGENT. OPENING THE CASE WILL VOID YOUR WARRANTY. THE UNIT MUST BE INSTALLED IN THE UPRIGHT POSITION.**

**NOTE: ONLY THE FILTER PUMP SHOULD BE PLUGGED INTO THE BOTTOM OF THE UNIT.**

## INSTALLATION

Ascon eClock is weather resistant, however it should be mounted in a sheltered position where it is not exposed to direct weather, splashing or spray from the pool or filtration equipment. **Electrical building regulations specify that Ascon eClock must not be mounted within 3 meters of the pool.**

Fix the unit to a wall or post, within 1.5 meters of a 240 volt outlet and within 2 meters of the Filter pump. Mounting points are provided on the back.

## POWER CONNECTION

Power is supplied through a standard 240 volt lead. A piggyback socket is provided on the lead. Power for the Time control comes from the socket on the bottom of the eCLOCK Controller.

**ONLY THE FILTER PUMP IS TO BE CONNECTED TO THE CONTROLLER OUTLET . MORE THAN THIS WILL DAMAGE THE ELECTRONICS AND VOID YOUR WARRANTY.**

**Maximum Pump rating - 2HP**

## TIME CLOCK/BATTERY INFORMATION

The eCLOCK uses a Real Time Clock that runs in 24 hour mode and has a battery backup in case of power failure. All settings are saved during a power outage.

## eCLOCK OPERATION

**Note:** The eClock setup routines have a 5 second timeout. It is recommended that the user reads the following instructions to help ease the setup procedure.

### **TIME SET-UP**

1. Press and hold the **Display** and **Setup** together until “**CLOC**” appears.
2. Release the buttons and the time appears with the decimal point turned on.
3. Use the **Minus (-)** button to adjust the hour, and the **Plus (+)** button to adjust the minutes. The eCLOCK uses 24 hour time for its operation.
4. When the desired time has been set, leave the unit for 5 seconds. The unit saves the time and begins timing, as seen by the flashing decimal point.

### PUMP ON/OFF SET-UP

1. Press the **Setup** button. This brings up the time “**6.00**”.
2. Continuously press the **Setup** button until the desired time is displayed.
3. Press the **Plus (+)** button to turn the pump on for the displayed 1/2hour block. This is indicated by the **Yellow** LED, ie if “**10.30**” is displayed, the pump will be on from 10:30 to 11:00.
4. Press the **Minus (-)** button to turn the pump off for the displayed 1/2hour block. This is indicated by the **Red** LED, ie if “**10.30**” is displayed, the pump will be off from 10:30 to 11:00.
5. For every continuous 1/2hr block of time that the pump is required to be on or off, repeat steps **2, 3** and **4**.
6. When the desired pump times have been set, leave the unit for 5 seconds. The unit saves the information and returns to displaying the current time.

### OVERRIDE ON

To run the pump manually, press the **Plus (+)** button. The unit display will toggle between “**ON**” and the time.

**IMPORTANT:** *The pump will run continuously until this mode is cancelled.*

To return to normal operation, press the **PLUS (+)** button again.

### OVERRIDE OFF

To prevent the pump from coming on, press the **Minus (-)** button. The unit display will toggle between “**OFF**” and the time.

**IMPORTANT:** *The pump will stay off until this mode is cancelled.*

To return to normal operation, press the **Minus (-)** button again.