
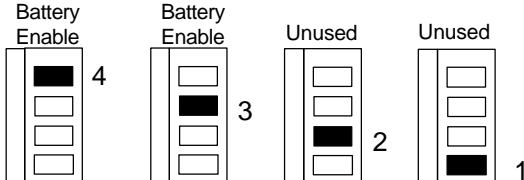







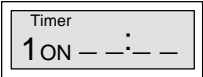

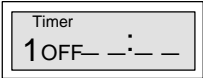



<b>Operating Voltage</b>	6-12 volts AC/DC									
<b>Operating Current</b>	<table border="1"> <tr> <td>Voltage</td> <td>6VDC</td> <td>12VDC</td> </tr> <tr> <td>Relay Inactive</td> <td>3mA</td> <td>14mA</td> </tr> <tr> <td>Relay Active</td> <td>22mA</td> <td>40mA</td> </tr> </table>	Voltage	6VDC	12VDC	Relay Inactive	3mA	14mA	Relay Active	22mA	40mA
Voltage	6VDC	12VDC								
Relay Inactive	3mA	14mA								
Relay Active	22mA	40mA								
<b>Program Memory Backup</b>	Model FT-247b internal 10-year Lithium Battery will provide clock memory backup for 6 months continuously									
<b>Output</b>	Single Pole, Double Throw (Form C) Relay Relay Hold In Time Adjustment: 1-60 Seconds Contact Rating 1A @ 26VDC 0.5A @ 115VAC									
<b>Output Format</b>	Single Pulse - Relay activates at ON time, holds for time period set by delay adjustment, OFF time has no effect on the output relay activation, but must be programmed to prepare clock for next activation.									
<b>Time Format</b>	24 hour (military) format. RESET  button resets ALL clock programming									
<b>Programming Capability</b>	<p>42 weekly events can be handled by the FT-247 Timer. Six ON timers are programmable for daily, weekly, or individual day operation. Block time periods are also provided to control several days with a single program input. The provided blocks are: Monday thru Friday; Saturday and Sunday; Monday thru Saturday.</p> <p><b>Mode Set Dipswitch</b> Useable on FT-247b only To enable battery: Set switches 3 &amp; 4 to ON</p> 									
<b>Time Set</b>	<p>Verify that dipswitch 3 &amp; 4 are set to ON, and system power is applied</p> <p>The display will show </p> <p>Press and Hold the leftmost button marked </p> <p>To set Hours, use the button marked </p> <p>To set Minutes, use the button marked </p> <p>To set Day Of The Week, use the button marked </p> <p>Release the button marked </p>									
<b>ON/OFF Times</b>	<p>Press and release the  button once to enter program mode. The display will show </p> <p>Press and release the  button a second time. The display will show </p> <p>This sequence will continue for 6 ON timers and 6 OFF timers for a total of 12 timers. The OFF timer MUST be programmed even though they seem to have no effect. This will reset the internal clock circuitry to prepare for the next ON instruction.</p>									

## To Program


Press and release the  button to enter the Program mode.

an ON or OFF instruction for a particular day and time:  
 Select the desired timer, 1 thru 6 **ON**; 1 thru 6 **OFF**  
 Program the desired time and day using the **h+**, **m+**, and **Day** buttons.  
 If a Day(s) is not selected, the action will occur every day.  
 Note: The Day blocks are accessed by stepping the **Day** button

an ON or OFF instruction for a 7 day week  
 Select the desired timer, 1 thru 6 **ON**; 1 thru 6 **OFF**  
 Use the **h+** and **m+** buttons to program the desired time

an ON or OFF instruction for a block of time  
 Select the desired timer, 1 thru 6 **ON**; 1 thru 6 **OFF**  
 Use the **h+** and **m+** buttons to program the desired time  
 Use the Day button to select the desired block of time  
 Monday thru Friday, 5 days  
 Saturday and Sunday, 2days  
 Monday thru Saturday, 6 days

**Caution:** An ON timer will only provide an output if the clock is OFF prior to the ON instruction. If an ON and OFF timer is programmed for the same time, OFF will take priority.

Press and release the  button to exit the Program mode.

## Daylight Savings Time

The FT series will not compensate for daylight savings time

### Problem:

The customer wishes to send a test communication by digital dialer from a secure location every Monday, Wednesday, Friday, and Sunday. the central station prefers that all test communications occur during the slow time between 2:00 AM and 5:00 AM with the test time repetitive within  $\pm 2\frac{1}{2}$  minutes.

### Solution:

The AlarmSaf FT-247 Flexi-Timer may be easily set up to accomplish this or any other similar task.

Set ON Timer	1	Monday	03:30
Set OFF Timer	1	Monday	03:31
Set ON Timer	2	Wednesday	03:30
Set OFF Timer	2	Wednesday	03:31
Set ON Timer	3	Friday	03:30
Set OFF Timer	3	Friday	03:31
Set ON Timer	4	Sunday	03:30
Set OFF Timer	4	Sunday	03:31

Set Relay Adjustment Pot for approximately 1 second or whatever is needed to overcome dialer input delay.

