Quick-Start Document
This document provides the information to quickly connect and set up your System™ Timer for either Stand-Alone or slave operation. Stand-Alone operation is defined as one timer controlling one bed without a remote master timer, front room controller or computer control. Slave Operation is when the booth timer is remotely controlled by a front room controller or another timer.

To use this timer with a non-daisy-chained controller system please see Third Party Interface (TPI) in the full Hookup Instructions, TanTime™ DOC40204, and Operation Instructions, v5.3, 5.4, DOC40404. Both of these documents may be found at www.tantime.com >> Support.

Follow the steps below carefully. Failure to follow setup & operation instructions could result in damages not covered by the warranty. For information on all features available with your new System™ OEM Timer, reference the full Hookup Instructions, TanTime™ DOC40204. This document is available on the Web at www.tantime.com >> Support.

Physical Connections
Connecting the System™ OEM Timer to the Bed
The System™ OEM Timer has been installed in the tanning bed at the Puretan factory. If you have any questions concerning this installation please contact Puretan.

Installing an End of Line Terminator (SY-EOL™)
The SY-EOL™ is used only in the last bed timer of a daisy chain connected to a front room controller. This timer would have only one daisy chain cable coming to it. The SY-EOL™ should be placed in the unused Cat-5 Daisy Chain connector A or B shown in Figure 1 above. If the SY-EOL™ does NOT illuminate when the bed is powered on, move the SY-EOL™ to the TPI Port Jack where the SY-EOL™ will illuminate.

Controlling a Single Bed Remotely Using Another Timer
To use this timer with a Remote Master Timer, setup this timer in for slave operation with the address of this timer to “1” and THEN connect to the Remote Master Timer. To set up the Remote Master Timer refer to the full Operating Instructions for the Remote Master Timer.
Figure 3
Hookup for System™ Timers to T-Max® or Intellitan® Front Room Controllers

Preferred Configuration

Alternate Configuration

T-Max®, and 3A® are registered trademarks of Applied Digital, Inc. (ADI) and are in no way associated with TanTime™. Intellitan® is a registered trademark of Sun Ergoline, Inc. and is in no way associated with TanTime™. DC A and DC B are abbreviations for Daisy Chain A and Daisy Chain B. DC 4-A and DC 4-B are abbreviations for 4-wire Daisy Chain A and 4-wire Daisy Chain B.
Full Setup and Operating Instructions
These Instructions are intended to aid in quickly setting up a timer in Operating Mode 1 for Stand-Alone operation, or slave operation with a T-Max® manager or equivalent. For a full list of Timer features and operating instructions see TanTime™ document DOC40404, available at www.tantime.com >> Support.

Setting Timer Parameters
In the following process, a specific parameter is indicated by a letter code shown for 2 seconds before the value digit(s) are shown. Pressing a button while the letter code is showing will have no effect. While the value digit(s) are shown the value may be changed by pressing the Set Time button. For an individual parameter, when the value reaches the upper limit stated in Table 3, continuing to press Set Time will roll the value over to the minimum stated for that parameter in Table 3. Pressing the Start / Stop button while the value digit(s) are shown will save the value shown and advance to the next parameter. When the Start / Stop button is pressed on the last parameter, the Timer will save that parameter, Reset, and be ready for operation.

To read and set at the timer any of the parameters, the timer must NOT be connected to a front-room-controller.

(If the display shows “OL” when a button is pressed, it is still on-line and needs to be brought off-line. To do this remove the connection to the controller and turn the power to the timer off then on again. If the display shows “LO” then Stand-Alone Lockout is set to “1”. Stand-Alone Lockout must be cleared before attempting to perform any mode changes or operation without a front room controller. See the operating instructions for your front room controller.)

You must start with the first parameter and go through to the last parameter in order. Each parameter may be accepted as displayed by pressing the Start / Stop button to advance to the next parameter. Changing a parameter is done with the Set Time button before advancing to the next parameter. To Begin:

- Press and hold the Start / Stop and then the Set Time buttons simultaneously. The display will show “ ”. Immediately release both buttons and the timer will begin the Reset-Sequence.
- When the display shows “- -” press and hold both buttons again until the display goes blank, then release both buttons.
- The display flashes OP for 2 seconds, then displays the Operation Mode number. Press the Set Time button to change the Operating Mode. (See Table 3). Press Start / Stop to advance to the next parameter.
- The display flashes Ad for 2 seconds, then displays the current timer address. Press the Set Time button to change the address. Press Start / Stop to advance to the next parameter.
- The display flashes Pd for 2 seconds, then displays the prestart delay time. Press the Set Time button to change the time. Press Start / Stop to advance to the next parameter.
- The display flashes SL for 2 seconds, then displays the Maximum Session time. Press the Set Time button to change the time. Press Start / Stop to advance to the next parameter.
- The display flashes cd for 2 seconds, then displays the Cool Down time. Press the Set Time button to change the time. Press Start / Stop to advance to the next parameter.
- The display flashes 3P for 2 seconds, then displays the Third Party Interface Mode. Press the Set Time button to change the TPI Mode. (See Table 3). Press Start / Stop to advance to the next parameter.
- The display flashes r for 2 seconds, then displays the displays the Run Mode number. Press the Set Time button to change the Run Mode. (See Table 3). Press Start / Stop to advance to the next parameter.
The display flashes P for 2 seconds, then displays the Pause Mode. Press the Set Time button to change the Pause Mode. (See Table 3). Press Start / Stop to advance to the next parameter.

The display flashes Cb for 2 seconds, then displays the Clean Bed Mode. Press the Set Time button to change the Clean Bed Mode. (See Table 3). Press Start / Stop to advance to the next parameter.

The display flashes CC for 2 seconds, then displays the Clean Clear Mode. Press the Set Time button to change the Clean Clear Mode. (See Table 3). Press Start / Stop to complete setting the Parameters and return to timer operation.

Table 3

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Mode</td>
<td>NA</td>
</tr>
<tr>
<td>Timer Address</td>
<td>On On</td>
</tr>
<tr>
<td>Stand-Alone Delay Time</td>
<td>On Off</td>
</tr>
<tr>
<td>Maximum Session Time</td>
<td>Off On</td>
</tr>
<tr>
<td>Cool Down Time</td>
<td>Off Off cd</td>
</tr>
<tr>
<td>Third Party Interface Mode</td>
<td>Off Off 3P</td>
</tr>
<tr>
<td>Run Mode</td>
<td>0 = Tantime™ Mode 1 = T-Max® Mode 2 = Intellitan® Mode</td>
</tr>
<tr>
<td>Pause Mode</td>
<td>0 = Bed starts automatically after delay time 1 = After delay, session time runs, but bed does not start until user presses Remote Start / Stop</td>
</tr>
<tr>
<td>Clean Bed</td>
<td>0 = Clean Bed mode disable 1 = Clean Bed mode enabled</td>
</tr>
<tr>
<td>Clean Clear</td>
<td>0 = Press and release will instantly clear 1 = Press and hold button for 4 seconds to clear</td>
</tr>
</tbody>
</table>

Table 3

<table>
<thead>
<tr>
<th>Feature Number</th>
<th>TanTime Control Lamp</th>
<th>Delay Lamp</th>
<th>Session Lamp</th>
<th>Parameter Letter Code (flashed)</th>
<th>Value Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Mode</td>
<td>NA</td>
<td>Off</td>
<td>Off</td>
<td>OP</td>
<td>0 = Tantime™ Mode 1 = T-Max® Mode 2 = Intellitan® Mode</td>
</tr>
<tr>
<td>Timer Address</td>
<td>1</td>
<td>On</td>
<td>On</td>
<td>Ad</td>
<td>1 to 99</td>
</tr>
<tr>
<td>Stand-Alone Delay Time</td>
<td>2</td>
<td>On</td>
<td>Off</td>
<td>Pd</td>
<td>0 to 10 (in minutes)</td>
</tr>
<tr>
<td>Maximum Session Time</td>
<td>14</td>
<td>Off</td>
<td>On</td>
<td>SL</td>
<td>2 to maximum chip time ‡</td>
</tr>
<tr>
<td>Cool Down Time</td>
<td>9</td>
<td>Off</td>
<td>Off</td>
<td>cd</td>
<td>0 to 10 (in minutes) (Number of minutes after end of a session that a new session can not be started)</td>
</tr>
<tr>
<td>Third Party Interface Mode</td>
<td>Off</td>
<td>Off</td>
<td>3P</td>
<td>0 = TPI Mode Inactive 1 = TPI Mode is Active and Parameter setting is complete. Jump to Reset-Sequence</td>
<td></td>
</tr>
<tr>
<td>Run Mode</td>
<td>15</td>
<td>Off</td>
<td>Off</td>
<td>r</td>
<td>0 = Bed starts automatically after delay time 1 = After delay, session time runs, but bed does not start until user presses Remote Start / Stop</td>
</tr>
<tr>
<td>Pause Mode</td>
<td>12</td>
<td>Off</td>
<td>Off</td>
<td>P</td>
<td>0 = When session is paused timer will continue to count down 1 = When session is paused timer will stop counting down</td>
</tr>
<tr>
<td>Clean Bed</td>
<td>7</td>
<td>Off</td>
<td>Off</td>
<td>Cb</td>
<td>0 = Clean Bed mode disable 1 = Clean Bed mode enabled</td>
</tr>
<tr>
<td>Clean Clear</td>
<td>11</td>
<td>Off</td>
<td>Off</td>
<td>CC</td>
<td>0 = Press and release will instantly clear 1 = Press and hold button for 4 seconds to clear</td>
</tr>
</tbody>
</table>

Reset-Sequence begins

* If TPI is set to 1 the Run Mode, Pause Mode, Clean Bed and Clean Bed Clear are all set to 0, Parameter setting is complete, and the Reset-Sequence will begin.

‡ The Maximum time hard programmed into the timer chip.

‡‡ In addition to Run Modes 0 and 1 an “Indefinite Start Delay” may be used by setting time on the timer and NOT pressing Start / Stop on the timer. In this manner the session will start only when the user presses the Remote Start / Stop button in the room.
Stand-Alone Operation in Mode 1
Stand-Alone operation is initialized when the Timer is powered on and is NOT connected to an operating front-room-controller or another timer set to address 0. To set an operating parameter see the previous section, Setting Timer Parameters. To read or clear a timer meter see Full Setup and Operating Instructions. Note that the Timer can not be used in Stand-Alone if the Lockout feature is enabled. (See the operating instructions for your front-room-controller for information on the Lockout feature.)

Running a Tanning Session Manually
The timer must be idle, i.e., ready to use with the display showing “0” and neither the Delay or Session lights illuminated nor flashing. Press the Set Time button to advance the displayed value to the desired session time. If the displayed value is greater than desired, you must continue advancing through the Maximum Session Time for your timer. (The Maximum Session Time for your timer is covered in the previous section titled Setting Timer Parameters.)

With the desired session time displayed, pressing the Start / Stop button will start the tanning session. Note that once a tanning session has been started it will be recorded in the meters even if it is canceled before the booth is turned on. (An “Indefinite Start Delay” may be used by setting time on the timer and NOT pressing Start / Stop on the timer. In this manner the tanning booth will start only when the user presses the Remote Start / Stop button in the room, if one is provided.)

Terminating a Delay Time Manually
Once a tanning session has been started, if a Stand-Alone Delay time has been set, the display will now show the delay time and the Delay lamp will flash. The delay time may be bypassed and the tanning booth started by pressing the Start / Stop button or the Remote Start / Stop button in the room if provided. The session time will now be displayed, the Session lamp will flash slow, and the tanning booth will start.

Pausing a Tanning Session Manually
Press the Start/Stop (or Remote Start/Stop button if provided) once to pause a tanning session. Press the Start/Stop (or Remote Start/Stop button if provided) again to resume a session.

Note: There must be a minimum of 4 seconds between button presses.

Canceling a Tanning Session Manually
When operating in Stand-Alone and the session has been paused for a minimum of four seconds as described above, the session may then be terminated by pressing the Set Time button.

Note: Canceling a session using the Set Time button is disabled while operating under a front-room-controller.

Clearing a Clean Bed Alert
If the Clean Bed mode is enabled, when the tanning session has been completed the display will be blank and both the Delay and Session lamps will illuminate. After cleaning the room for the next user, press and hold Set Time button or a remote Start / Stop if provided, until both the Delay and Session lamps go out and the display shows “0”. (If only the Session lamp goes out and the display remains blank, the Cool Down mode has been enabled and must time out. It is not possible to bypass the Cool Down cycle once it has begun.)
Slave Operation with a T-Max® Style Front-Room-Controller in Mode 1

While in Mode 1 the timer may be connected to and be controlled by a T-Max® front-room-controller or equivalent. In this mode the timer will emulate a 3A® timer. To set or read a control feature or meter see the instructions for your front-room-controller. Most meters may also be read or cleared manually while the timer is operating Stand-Alone, off-line. For more information on this see Full Setup and Operating Instructions. While it is recommended that these parameters be changed from the front-room-controller, instructions for manually changing these are found earlier in this manual under “Setting Timer Parameters”.

Starting a Session or Canceling Delay Time while under a Front Room Controller

See the documentation for your front-room-controller for setting up and starting a session. If a delay time has been set at the controller, the delay time may be canceled and the session immediately started at the timer by pressing the Start / Stop button or by pressing the Remote Start / Stop button if provided.

Note: the Delay Time Parameter in the Timer is for Stand-Alone operation only and is not used when connected to a front-room-controller. The delay time must be set in the front-room-controller parameters or the salon software if used. (See your front-room-controller instructions or salon software instructions.)

Pausing, Resuming or Canceling a Session while under a Front Room Controller

Press the Start/Stop button (or Remote Start/Stop button if provided) once to pause a session. Press the button again to resume a session. While operating under a front-room-controller, the session can be canceled ONLY through the front-room-controller.

(Note: There must be a minimum of 4 seconds between button presses.)

See the documentation for your front-room-controller for running, pausing or canceling a session through the controller.

Clearing a Clean Bed Alert

If the Clean Bed mode is enabled, when the session has been completed the display will be blank and both the Delay and Session lamps will illuminate. After cleaning the room for the next user, press and hold Set Time button, or a Remote Start/Stop if provided, until both the Delay and Session lamps go out and the display shows “0”. (If only the Session lamp goes out and the display remains blank, the Cool Down mode has been enabled and must time out. It is not possible to bypass the Cool Down cycle once it has begun.)

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