

## USING THE TIMETECH TIMER TTS-4/TTS-8 (MFG. # 9900624, 625, 628, 629, 630, 632, 643, 644, 645, 656, & 659)

### General

If you experience any problems with these instructions, contact the factory Technical Service Department at +1-877-392-7854 (toll free).

The TimeTech Timer uses four or eight timing channels to track four or eight different events simultaneously with up to 2 timing stages for each channel.

- TTS-4 (4 Channel Timer, Mfg. #9900624 & 9900630)
- TTS-8 (8 Channel Timer, Mfg. #9900628, 9900629, 9900632, 9900643, 9900644, 9900645, 9900656, & 9900659)

**NOTE: While the timer can track 4–8 different timing events at a time, as a default, it will display the timing session that will finish first. Other active channels can be viewed by pressing its corresponding button.**

Take the Timer out of the box and allow it to charge under a light source for 15 minutes. Do **NOT** obstruct the solar cells at the top of the Timer or it may not function properly.

### Mounting the Timer

The TimeTech Timer mounts directly to any flat magnetic surface with the magnetic backing. If the surface is not magnetic, use the provided Universal Mounting Bracket.

#### ⚠ CAUTION ⚠

**Do NOT mount the timer in extremely hot (105° F) or wet areas. Do NOT mount the timer where it will cause the operator to reach over hot or dangerous equipment.**

1. If you are attaching the Timer to a device powered by electricity, turn the device off, unplug the power cord, and allow it to cool down before proceeding.

**NOTE: Clean the surface where the Timer is to be mounted thoroughly before proceeding. Observe the proper cleaning procedures as required.**

2. When mounting to a non-magnetic surface, use the Universal Mounting Bracket. Carefully peel the backing from the Bracket and secure the Bracket to the chosen mounting surface.

**NOTE: The adhesive is strong. Make certain to center it properly before attaching it to the mounting surface.**

4. Attach the TimeTech Timer to the Universal Bracket.
5. If the Timer is mounted to a device, place the device back into service.

**NOTE: Do NOT obstruct the solar cells at the top of the timer or it may not function properly.**

### Idle Mode

When the Timer is not timing, the Time Display window reads “--:--:--.”

After 5 minutes of idle time, the Timer enters a “sleep mode” causing the display to go blank. Press any key to “wake up” the Timer. This will occur even if a channel is done timing and not cleared.

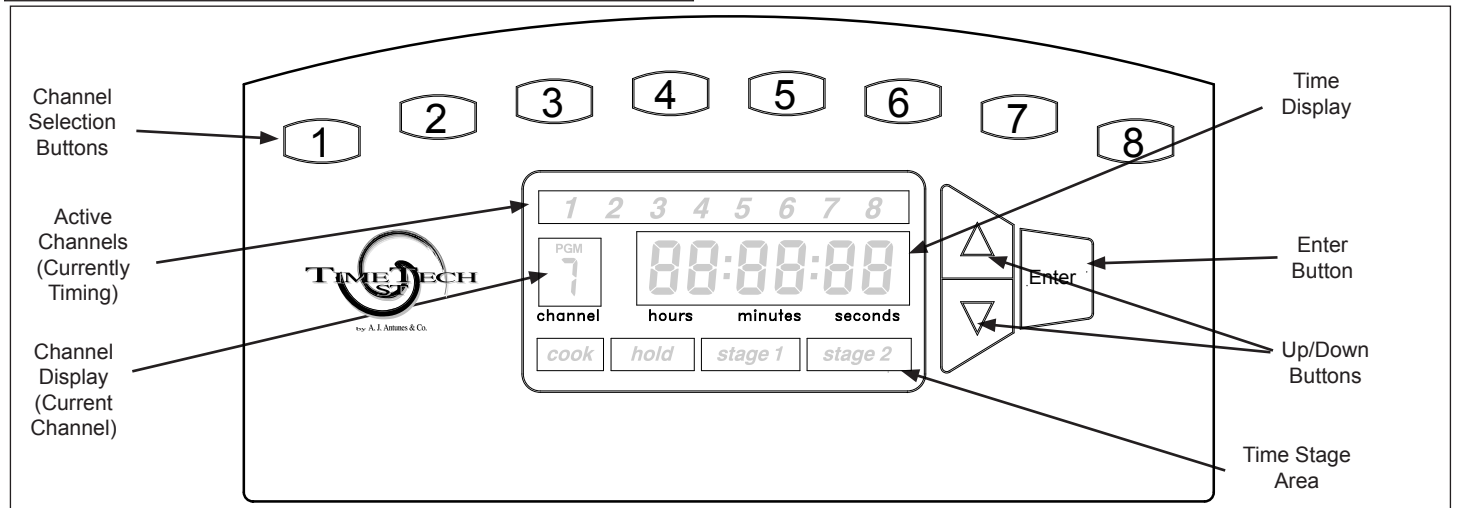


Figure 1. TimeTech Timer (8 Channel Timer Shown)

## Programming the Timer

**NOTE: The Timer will exit programming mode in ten (10) seconds if a button is not pressed. If you wish to abort programming, simply wait 10 seconds for the Timer to exit Programming Mode.**

### 1. SELECT TIME CHANNEL:

Press and hold the desired Channel Selection button (Figure 1) for 3 (three) seconds. The letters **PGM** appear above channel number in the Channel Display area to indicate that the Timer is in Program Mode.

**NOTE: This channel must be inactive, or not in an active timing mode.**

### 2. SELECT TIME STAGE:

A Time Stage name will flash in the Time Stage Area. Use the Up and Down arrow buttons to select the desired Time Stage and press the Enter button. Options are:

- Cook
- Hold (Counts **UP** from **00:00** to the program time)
- Stage 1
- Stage 2
- blank (Cooking Stage Area will be blank)

**NOTE: You cannot use the same Time Stage twice in a program. For example, if you chose “Cook” for the first stage, “Cook” will not appear as a choice when selecting a name for the second stage.**

**NOTE: Selecting “blank” will prevent the selection of a second timing stage.**

**NOTE: While the timer may be programmed as another channel is actively timing, it is recommended that all programming be performed while the timer is not actively timing on any channel.**

### 3. SET THE TIME FOR THE FIRST STAGE

The Time Display shows the selected Time Stage name. Use the **Up** and **Down** buttons to set the desired time in hours and press the **Enter** button. Next, set the desired time in minutes and then in seconds, pressing **Enter** after each entry.

**NOTE: Hours and minutes can be programmed in increments of one for all units. For Mfg. No. 9900624, 9900628, 9900643, 9900644, 9900645, & 9900659, seconds are programmed in increments of five. For Mfg. No. 9900630 & 9900632, seconds are programmed in increments of one.**

**NOTE: To clear the time to 00:00:00, press and release the Up and Down arrow buttons together.**

### 4. SET THE TIME FOR THE SECOND STAGE:

Repeat Steps 2 and 3 for the second stage, if necessary. If a second stage is not desired, set the time to all zeros.

## Using the Timer (Typical Application)

**NOTE: If you wish to stop a channel as it is timing, press and hold its Channel Selection button for two seconds. The Timer will move to the next active channel or go into Idle Mode.**

1. To start a time cycle, press and release the desired Channel Selection button. The Timer will begin to countdown.
2. If multiple timed cycles are desired, simply press the desired Channel Selection buttons. The Timer will display the time for the last selected channel.

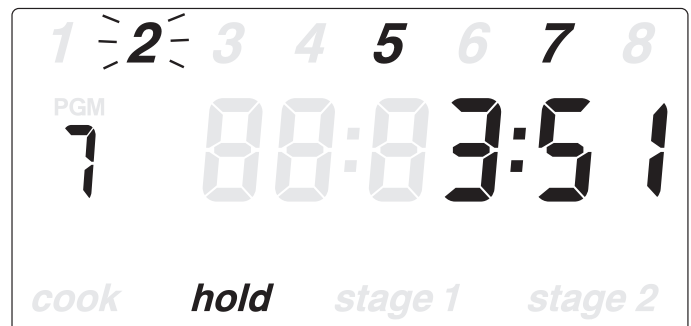
**NOTE: Check the Channel Display to note which timing channel is counting down in the Time Display window.**

3. The Timer sounds 2 beeps per second for 2 minutes or until the Channel Selector button is pressed.
4. At the end of a timing cycle, the unit sounds three beeps five times and then beeps two times every one second. Also, the channel number flashes in the Active Channels area (Figure 1) until the Channel Selection button for that channel is pressed. Then, the display will move to the next channel to finish.

## Example

In the example illustration below, channels 5 and 7 are timing. Channel 7 is timing in the Hold stage and is shown in the Channel Display and Time Display because it will finish timing first.

Also, Both Channels 5 and 7 are lit in the Active Channels area. Note that Channel 2 is flashing. This means that it has finished timing. Press its Channel Selection button to acknowledge that it has finished timing.



## Display Description

This section describes the Timer display and the various functions available on the Timer. Refer to Figure 1 to identify the different locations of these features.

| Function/<br>Area         | Description   |
|---------------------------|---|
| Channel Selection Buttons | Press a Channel Selection button to start a pre-programmed cycle, view a cycle (if actively timing), or program a desired channel for a time cycle. |
| Active Channel Display    | Indicates the channels currently timing.  |
| Channel Display           | Indicates the number of the timing channel that is counting down in the Time/Data display.  |
| Time Display              | Displays the time remaining for the channel closest to completion (unless otherwise selected).  |
| Timing Stage              | Indicates the active Timing Stage (blank for single stage cycles).  |
| Up/Down Arrow buttons     | Used to increase or decrease desired cooking times. Also used to select desired Cooking Stage. Used only in programming.                            |
| Enter button              | Stores the selected time into memory. Used only in programming.   |

**NOTE:** The timer contains three AA Alkaline batteries to boost beeper volume. The batteries should last approximately one year. If the beeper volume begins to get too low, replace the batteries. The timer **WILL** operate normally without the batteries.

If the batteries run low on power, the timer will display a “Lo BaT” alert only when the timer is idle. This message will appear for 3 seconds and reappear every 30 seconds.

To replace the batteries in Mfg. No. 9900624, 9900628, & 9900659, open the side battery cap and install three (3) new AA batteries, and close the side battery cap.

To replace the batteries in Mfg. No. 9900630, 9900632, 9900643, 9900644, & 9900645 unscrew battery lock on side of unit and install three (3) new AA batteries, then replace battery lock.

### Problems with the Timer?

If you experience any problem with your TimeTech Timer, contact Antunes Technical Service immediately at 877-392-7854 (Toll Free in the U.S. and Canada) or at 630-784-1000 (outside the U.S and Canada).

### Cleaning the Timer

To clean the timer, wipe it lightly using a clean, dry towel. Do NOT submerge the timer in water. Do NOT wash it in a dishwasher. Doing so will void the warranty.

## LIMITED WARRANTY

Equipment manufactured by Roundup Food Equipment Division of A.J. Antunes & Co. has been constructed of the finest materials available and manufactured to high quality standards. These units are warranted to be free from mechanical and electrical defects for a period of ninety (90) days from date of purchase, under normal use and service, and when installed in accordance with manufacturer's recommendations. To insure continued proper operation of the units, follow the maintenance procedures outlined in this document.

1. This warranty does not cover cost of installation, defects caused by improper storage or handling prior to placing of the Equipment. This warranty does not cover consumable items such as Batteries. **This warranty does not cover damage due to misuse, abuse, submersing in water/liquid, washing in dishwasher, or dropping of the equipment.** For warranty consideration, contact Customer Service at 800-253-2991 for a Return Goods Authorization (RGA) number then ship the unit to the factory at 180 Kehoe Blvd, Carol Stream, IL 60188 (customer is responsible for return shipping and handling charges). **A.J. Antunes & Co. reserves the right to refuse warranty service at any time if it is determined that the unit has been damaged due to misuse, abuse, submersing in water/liquid, washing in dishwasher, or dropping the unit.**
2. Roundup reserves the right to make changes in design or add any improvements on any product. The right is always reserved to modify equipment because of factors beyond our control and government regulations. Changes to update equipment do not constitute a warranty charge.
3. If shipment is damaged in transit, the purchaser should make a claim directly upon the carrier. Careful inspection should be made of the shipment as soon as it arrives and visible damage should be noted upon the carrier's receipt. Damage should be reported to the carrier. This damage is not covered under this warranty.
4. Warranty charges do not include freight or foreign, excise, municipal or other sales or use taxes. All such freight and taxes are the responsibility of the purchaser.
5. THIS WARRANTY IS EXCLUSIVE AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, EACH OF WHICH IS HEREBY EXPRESSLY DISCLAIMED. THE REMEDIES DESCRIBED ABOVE ARE EXCLUSIVE AND IN NO EVENT SHALL ROUNDUP BE LIABLE FOR SPECIAL CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR THE BREACH OR DELAY IN PERFORMANCE OF THIS WARRANTY.
6. For warranty claims outside the 50 United States, contact the distributor that sold the unit to you.



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