

The TimeKeeper™ Count Up/Down timer with Clock and Presets

Timer Variations:

Not all timer models can perform all the functions described in this document. Most timer models have a **knob** rather than up/down buttons to set the time. Not all timer models have a beeper.

- Count Down Timers have **Start** and **Reset** buttons.
- Count Down Timers with Clock have **Start**, **Reset** and **Clock** buttons.
- Count Up/Down Timers have **Start**, **Reset**, **Mode** and **Select** buttons.
- Count Up/Down Timers with Clock have **Start**, **Reset**, **Mode**, **Select**, and **Clock** buttons.
- Count Up/Down Timers with Presets have **Start**, **Reset**, **Mode**, **Select**, and one or more **Preset** buttons.
- Count Up/Down Timers with Clock and Presets have **Start**, **Reset**, **Mode**, **Select**, **Clock** and one or more **Preset** buttons.

Buttons and Controls

- **Reset** Button. Sets the count down timer to the preset time and sets the count up timer to zero. Does not stop the timer if it is running. Press and hold the **Reset** button to select one of the special timer modes.
- **Start/Stop** Button. Starts or stops the timer.
- **Mode** button. Selects count up or count down mode. Press and hold the **Mode** button to change beeper mode.
- **Select** button. Selects setting Minutes, Hours or Seconds in the timer mode. Press and hold the **Select** button to change the Yellow and Green warning times.
- **Clock** button. Displays the time of day clock. Press and hold the **Clock** button to set the time of day clock.
- **Preset** button(s). A TimeKeeper™ may have zero or more Stored Settings buttons. Press the **Preset** button to recall the saved settings. Press and hold the **Stored Settings** button to save the current settings.
- **Power up Preset** button. Press the **Power up Preset** button to recall the saved settings. Press and hold the **Power up Preset** button to save the current settings. The next time the TimeKeeper™ is powered up, these settings are loaded.

Red-Yellow-Green Indicators

The TimeKeeper™ has three warning indicators.

- **Green** Warning time. In the count down mode, the **Green** indicator comes on when the timer is started and begins to blink at the green warning time. In the count up mode, the **Green** indicator comes on at the green warning time.
- **Yellow** warning or **Wrap-It-Up** time. When the **Yellow** warning time is reached, the **Green** indicator goes off and the **Yellow** indicator comes on.
- **Red** warning time. When the timer reaches zero, the **Red** indicator comes on and the **Yellow** indicator goes off. In the count down mode, the timer stops when the **Red** indicator turns on. In the count up mode, the timer keeps running after the indicator turns **Red**.
- Press the reset button on the TimeKeeper™ to turn off the **Red** warning indicator.

The factory default warning times are described below. The indicators follow the format of Toastmasters International.

Total time	Green warning	Yellow warning	Red warning
0:00 - 0:29	0:02	0:01	0:00
0:30 - 0:59	0:20	0:10	0:00
1:00 - 1:59	0:30	0:15	0:00
2:00 - 3:59	1:00	0:30	0:00
4:00-99:59	2:00	1:00	0:00

You may change the warning indicators to any value that you desire.

1. Press and hold the **Select** button to enable setting the Wrap-It-Up time. The yellow Wrap-It-Up LED will come on. Turn the knob to the desired **Yellow** warning or **Wrap-It-Up** minutes and seconds.
2. Press the **Select** button again to set the Green warning time. The green running LED will come on. Turn the knob to the desired Green warning minutes and seconds. To disable the green warning time, set it to the same value as the yellow warning time.

Timer Mode (HH:MM:SS)

1. Press Reset to select timer mode.
2. Turn knob to set desired time. The Select button selects between setting hours, minutes and seconds.
3. Press the Start/Stop button to start the timer.

*The **Mode** button selects between count-up and count-down modes. You may change between count-up and count-down modes while the timer is running. In count-down mode, the timer stops when it reaches zero. In count-up mode, the timer keeps running when the preset time is reached.*

User Programmable Presets

1. Set the timer to the desired preset time.
2. Set the green and yellow warning times the way you want them.
3. Also, select the desired count up/down mode and beeper mode.
4. If you want the preset to start the timer automatically, start the timer running.
5. Press and hold the desired **Preset** button to save the timer preset time, green and yellow warning times, timer count up/down mode, beeper mode, special timer modes and timer run status. When the display changes, the settings are stored.
6. To recall the Stored Setting, press the respective **Preset** button to set the timer to the to the exact conditions that were saved.

Power Up Presets

The power up **Preset** button may be labeled **CONFIG** or **Power up Preset** and is usually located on the rear of the unit. This button operates exactly the same as the user programmable presets except that the next time the unit is powered up, these settings will be restored rather than the factory default settings.

To restore the factory default power up presets, set the hours, minutes and seconds to 00:00:00. Press and hold the **Power up Preset** button. The next time the unit is powered up, the factory default settings will be loaded.

Clock Mode

1. Press **Clock** button to select clock mode.
2. The **Clock** or **Select** buttons select displaying 12 hour time, military time or seconds. In 12 hour mode, the PM LED will be on for PM and off for AM.

*Press and hold the **Clock** button to enter set time mode.*

1. Turn the **Knob** to set the hours.
2. Press the **Clock** button again.
3. Turn the **Knob** to set the minutes.
4. Press the **Clock** button again to return to normal display.

*The **Clock** or **Select** buttons select displaying 12 hour time, military time or seconds. In 12 hour mode, the PM.*

Beeper modes.

The Timekeeper™ has three beeper modes: Single beep; Beep at each of the warning times; and beeper disabled.

- Press and hold the **MODE** button to enable the beeper. The timer will generate a beep when the preset time is reached. The beep LED will be on.
- Press and hold the **MODE** button a second time to enable the 3-beep feature. The timer will generate a beep at the green warning time, yellow warning time and when the preset time is

reached. . The beep LED and the PM LED will be on.

- Press and hold the **MODE** button a third time to disable the beeper. No beeps are generated.

Special Timer Modes

While in the count down mode, when the timer reaches zero, it stops. Two other special modes are available.

- **Mode 1. Stop when the timer reaches zero.** Press and hold the Reset button until the display blinks. We are back to the default mode. In this mode, the timer stops when the elapsed time reaches zero.
- **Mode 2. Auto-Restart.** Press and hold the Reset button until the display blinks. In this mode, the timer automatically restarts counting down from the preset value each time the timer reaches zero. The Auto-Restart mode works in both count up and count down modes. The count up mode uses the count down timer preset time to determine when to reset the count up timer back to zero and restart.
- **Mode 3. Change to Count Up when the timer reaches zero.** Press and hold the Reset button until the display blinks. In this mode, the timer changes to the count up mode and starts counting up when the timer reaches zero.

Connecting multiple Timekeeper™s together.

When multiple units are connected together, only one unit may become the controlling unit. The rest of the units become remote displays.

- The Timekeeper™ defaults to remote display mode at power up.
- The first unit to receive a button press becomes the controlling unit.
- Once a button is pressed, the controlling unit changes to clock/timer mode.
- The controlling unit remains in timer mode until the power is turned off.
- The other units become remote displays and remain in remote display mode until the power is turned off.

*Press the **RESET** and **START** buttons at the same time to turn off the display.*