

## COUNTDOWN TIMER CONTROLLER DESCRIPTION

The COUNTDOWN TIMER CONTROLLER is the “brain” for the BigDigit Displays connected to it. This combination is just the thing for timed events and games. The Display’s large, bright digits are easily seen from a considerable distance.

The COUNTDOWN TIMER CONTROLLER can be pre-set to any number of seconds between 99 and 01 and will count down to 00 on command. The unit is powered by a wall transformer and is controlled by means of four small push-buttons on the face of the unit. Each of the two digits is first pre-set to the desired time interval by pressing the *LOAD/PRE* button and the *PRE 10s* or *PRE 1s* button simultaneously. The countdown begins when the *RUN/STOP* button is pressed. The countdown sequence can be interrupted at any time by pressing the *RUN/STOP* button. The count is re-started by pressing the *RUN/STOP* button again. The TIMER stops counting and outputs a 1-second tone signal when a count of 00 is reached.

The COUNTDOWN TIMER CONTROLLER can be instantly re-loaded to the pre-set count at any time just by pressing the *LOAD/PRE* button. If a countdown was in progress, it begins again at the pre-set value.

## COUNTDOWN TIMER CONTROLLER OPERATION

Plug the COUNTDOWN TIMER CONTROLLER wall transformer power supply into a **110-Volt AC** outlet. The Displays must be properly connected and powered up, and will come to life showing a count of 00.

Identify the four push-buttons along the face of the COUNTDOWN TIMER CONTROLLER. To pre-set the number of seconds to be counted down, press the *LOAD/PRE* button simultaneously with the *PRE 10s* or the *PRE 1s* button. The Displays will show the count as it is being loaded.

For example, if a countdown interval of 25 seconds is desired,

- Press and hold the *LOAD/PRE* button and the *PRE 10s* button until the number "2" shows as the left digit. Release the *PRE 10s* button.
- Press and hold the *LOAD/PRE* button and the *PRE 1s* button until the number "5" shows as the right digit. Release the *PRE 1s* button.

The countdown interval is now set for 25 seconds. (The digits can be pre-set in any order).

To initiate the countdown, press the *RUN/STOP* button. If no further action is taken, the COUNTDOWN TIMER CONTROLLER will begin to count down from 25 to 00 and then stop. The 1-second tone signal is output at this time.

The countdown sequence can be halted at any time just by pressing the *RUN/STOP* button while the timer is counting. Pressing the *RUN/STOP* button again will re-start the countdown at the number of seconds at which it was halted. The count can be reloaded (25, in the case of our example) by pressing the *LOAD/PRE* button any time, either at 00 (end of count) or mid-count. If a count is in progress, the COUNTDOWN TIMER CONTROLLER will reload to the pre-set count and restart the countdown automatically. It is not necessary to re-program the digits each time in order to repeat the same countdown interval.

The 1/4" jack is for connecting the COUNTDOWN TIMER CONTROLLER output tone to your sound reinforcement (PA) system or KlaxonAmp accessory horn, if desired.

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