

# Digital Stopclock

## General Description

The ElectroSound Digital Stopclock is a versatile LCD display stopclock with facilities for manual or electrically triggered timing. It is powered by an inexpensive, readily available AA cell. The unit is supplied with an AA cell already fitted. The current drain is so small that the battery should last a year - there is no on/off switch.

Up to 30 minutes, the clock counts in minutes, second and 1/100ths; the clock then automatically switches to hours, minutes and seconds up to 23 hours, 59 minutes and 59 seconds. When set to stopclock mode, the following indicators at the top of the display should be flashing:

Stopclock set to zero	1st, 6th and 7th indicators
Stopclock running	1st and 7th indicators
Stopclock time freeze	1st, 5th and 7th indicators

If this is not the case, please refer to **Resetting the Mode**.

## Use as a Manual Stopclock

The stopclock has two push buttons, red and blue. If the display is not reading zero, press the blue button to reset.

Standard Timing	To start - press red button To stop - press red button To reset - press blue button
Split (Lap) Timing	To start - press red button To display split time - press blue button To display ongoing time - press blue button To stop - press red button To reset - press blue button

## Electrical Start/Stop

The clock may be started by connecting the red and black terminals together. To stop the count, the blue and black should be connected. This technique used the split timing mode, hence the order of operation should be:

Start - short red and black terminals  
Stop - short blue and black terminals  
Reset - press buttons blue, red, blue in order

Alternatively, the red and black terminals may be used to both start and stop the clock. In this case the blue button, or blue and black terminals may be used to reset.

**Resetting the Mode** If the unit is not in stopclock mode :

Insert a pin or needle in the hole at the end of the case above the display - this allows the mode to be changed. The display toggles between **Alarm Setting** mode (the alarm is disabled), **Time Setting** mode, **Time Display** and **Stopclock**. Push the pin to cycle through the modes until **Stopclock** mode is reached. If the **Alarm** symbol is displayed, this may be removed as follows:

From **Stopclock** mode press the pin three times to show the **Time** display  
Holding down the blue button, press and release the red button  
Release the blue button  
Press the pin once to revert to **Stopclock** mode