

DIGITEL TIMERS

INNOVATION, PRECISION, QUALITY

DIGITAL STOPCLOCK TM-20A

THE TM-20A DIGITAL STOPCLOCK IS A HIGH PRECISION TIMING DEVICE DESIGNED FOR USE IN EDUCATION, INDUSTRY, LABORATORIES ETC. IT IS FOR ENGINEERS AND TECHNICIANS WHO NEED TO MAKE ACCURATE TIMING MEASUREMENTS.

CAUTION

1. DO NOT SUBJECT TIMER TO A HIGH TEMPERATURE ENVIRONMENT.
2. DO NOT USE TIMER IN A HIGH HUMIDITY ENVIRONMENT.
3. DO NOT ALLOW THE TIMER TO BE SHAKEN OR DROPPED.
4. TIMER MUST NOT BE CLEANED BY ABRASIVE OR CORROSIVE SUBSTANCES.

SETTING UP

1. **KEY FUNCTIONS**
THERE ARE TWO PUSH BUTTONS ON THE TOP OF THE UNIT REFERRED TO AS KEYS
K1 (GREEN) – START / STOP
K2 (RED) – ELAPSED TIME / RESET
2. **PRIOR TO USE**
REMOVE ALL PACKAGING AND ENSURE THAT 00'00" 00 IS INDICATED ON THE DISPLAY.
THE UNIT IS NOW READY FOR USE.
3. **EXTERNAL TRIGGERING**
THERE ARE THREE 4mm SOCKETS FOR CONTROLLING THE DEVICE EXTERNALLY:
A) RESET (RED)
B) COMMON (BLACK)
C) START / STOP (GREEN)
NOTE: THE TIMER WILL MAINTAIN ITS ACCURACY AND REACTION TIME USING
3A CABLES UPTO A MAXIMUM OF 5 METRES.

INSTRUCTION FOR OPERATION

SIMPLE TIMING

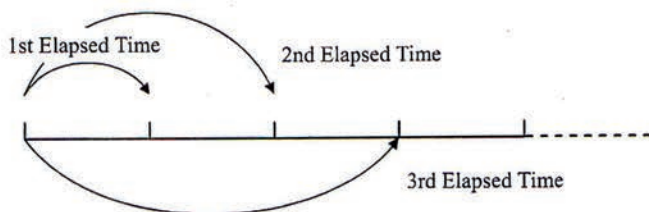
1. PRESS THE 'K1' (GREEN) ONCE TO START COUNTING. THE DISPLAY DIGITS WILL INCREASE ACCORDINGLY.
2. PRESS 'K1' ONCE AGAIN. THIS WILL STOP THE TIMER AND DISPLAY THE ELAPSED TIME.
3. PRESS 'K2' (RED) TO RESET DISPLAY TO READ 00'00" 00.

SUCCESSIVE TIMING

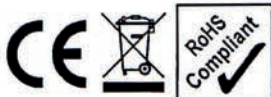
TO ACCUMULATE MORE THAN ONE TIMING, REPEAT STEPS 1 & 2 SUCCESSIVELY. ON COMPLETION OF SEQUENCE REPEAT STEP 3 TO RESET TO 00'00" 00.

ELAPSED TIME COUNTING

1. PRESS K1 (GREEN) KEY ONCE TO START COUNTING.
2. PRESS K2 (RED) KEY ONCE TO FREEZE THE DISPLAY FOR THE FIRST ELAPSED TIME. (THE COLON 88'88"88 ON THE DISPLAY WILL START FLASHING INDICATING THE TIMER IS STILL COUNTING INTERNALLY.)
3. AFTER RECORDING THE FIRST ELAPSED TIME PRESS K2 (RED) ONCE TO RELEASE THE FROZEN DISPLAY. THE TIMER WILL NOW START COUNTING THE SECOND ELAPSED TIME. (i.e. THE TOTAL RUNNING TIME.)



4. REPEAT PREVIOUS STEPS 2 & 3 IF YOU NEED FURTHER ELAPSED TIME MEASUREMENTS.
5. WHEN TIMING IS COMPLETED PRESS K1 (GREEN) KEY ONCE. THE TIMER WILL NOW DISPLAY TOTAL TIME ELAPSED SINCE THE TIMER WAS FIRST STARTED.
6. PRESS K2 (RED) KEY ONCE TO RESET DISPLAY TO READ 00'00" 00.



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UK DISTRIBUTOR

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