





DIGITAL TIMER: tA-02T

Features:

1. Easy steps to program and set Target Time.
2. Two separate 5 digit displays are provided for editing the count time and displaying the target time.
3. Provision to display number of successful time counts.
4. Provision of an alarm after counting is done.
5. Power On start switch is provided.
6. External Output AC socket provided.
7. Front keypad setting.
8. Table top mounting





Key Functions:

Key	Function
	START/RESET Key - 1. Start time count. 2. Reset the timer when key is long press.
	SET KEY - 1. Enter into Time Setting Mode when key is long press.
	UP Key - To increment value.
	DOWN/COUNT Key - 1. To decrement value. 2. To display number of successful time counts.

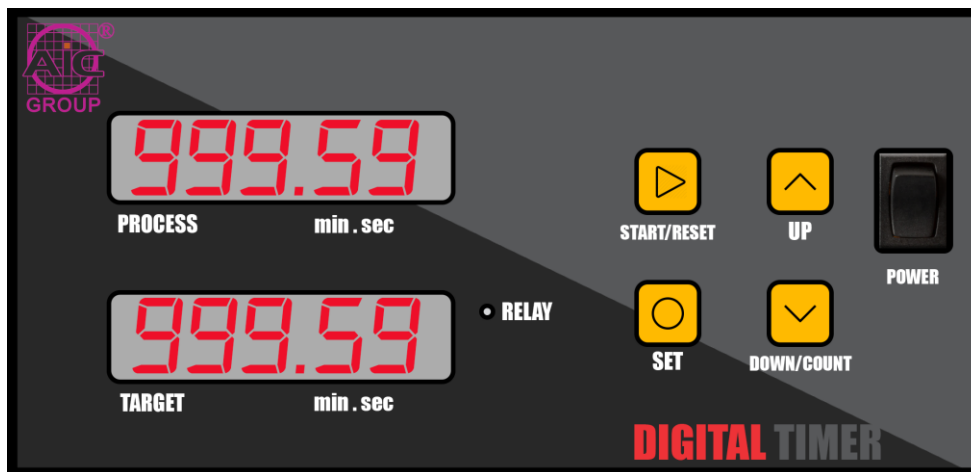
Specifications:

Parameters	Specifications
Display Type	LED
Display Configuration	5 digit dual display (mmm:ss)
Display Colour	RED
Relay Contact	1 C/O SPST
Range	0 – 999 min 0 –59 sec
Operations Modes	On delay
Reset	Reset button Power Interruption
Counting Direction	Down
Supply Voltage	240V AC
Size(W x H x D)	190 x 95 x 65 mm
Mounting Type	Table Top
Operating Temperature	0 °C to 50 °C

Display Description:

Display	Description
	READY - timer is ready to start
	SET – enter into set mode
	END – process end indication
	COUNT – indicates succesful number of process

Timer Front Panel:



User Settings:

Initially the Digital Timer will show **READY**.

A. To set Time and Start timer:

Step1: Long Press SET key to enter into time setting mode. Timer will show **588**

Step2: Seconds side will start blinking. Use UP/DOWN key to set seconds.

Step3: Press SET key to save seconds and enter to set minute.

Step4: The minute side will start blinking. Use UP/DOWN key to set minutes.

Step5: Press SET key to save minutes and exit Time setting mode. The Digital Timer will show **READY**

Step6: Press START/RESET key to start count.

B. To display number of successful counts:

Note* this will only show when at least 1 time count is successfully done and when timer is in rest position.

Step1: Press DOWN/COUNT KEY.

C. To reset timer.

1. By long Pressing START/RESET while count is in process the timer resets to target value.

SAFETY PRECAUTIONS:

All safety related codifications, symbols and instructions that appear in this operating manual or on the equipment must be strictly followed to ensure the safety of the operating personnel as well as the instrument.

If the equipment is not handled in a manner specified by the manufacturer it might impair the protection provided by the equipment.

CAUTION: Read complete instructions prior to installation and operation of the unit.

WIRING GUIDELINES:

1. To prevent the risk of electric shock power supply to the equipment must be kept OFF while doing the wiring arrangement. Do not touch the terminals while power is being supplied.
2. To eliminate electromagnetic interference use short wires with adequate ratings; twists of the same in equal size shall be made. For the input and output signal lines, use shielded wires and keep them away from each other.

3. Cable used for connection to power source, must have across section of 1mm or greater. These wires shall have insulation capacity made of at least 1.5kV.
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INSTALLATION GUIDELINES:

1. This equipment, being built-in-type, normally becomes a part of main control panel and in such case the terminals do not remain accessible to the end user after installation and internal wiring.
 2. Do not allow pieces of metal, wire clippings, or fine metallic fillings from installation to enter the product or else it may lead to a safety hazard that may in turn endanger life or cause electrical shock to the operator.
 3. 3. Circuit breaker or mains switch must be installed between power source and supply terminals to facilitate power 'ON' or 'OFF' function. However this switch or breaker must be installed in a convenient position normally accessible to the operator.
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