## TECHNICAL GUIDE <br> \& <br> PARTS CATALOGUE

Cal.VD67A

## ANALOGUE QUARTZ

time module

## PARTS CATALOGUE / TECHNICAL GUIDE

Cal.VD67A
[SPECIFICATION]
version-01

| Item | Cal. No. |
| :--- | :--- |

## SII Products

TIME MODULE



PARTS CATALOGUE

## Remarks:

(6) Date dial

| Part code | Position of <br> crown | Position of <br> date frame | Color of <br> figure | Color of <br> background |
| :---: | :---: | :---: | :---: | :---: |
| 0878220 | 3 H | 3 H | Black | White |
| 0878221 | 3 H | 3 H | White | Black |
| 0878218 | 3 H | 3 H | Silver | Black |

TMME MODULE
-The explanation here is only for the particular point of Cal.VD67A

## 1.REMARKS ON INSTALLING THE BATTERY

1) After the battery is replaced with a new one or after the battery is reinstalled following the repairing procedures, be sure to touch the short-circuit the AC terminal of the circuit block and the switch spring with conductive tweezers to reset the circuit as illustrated at right.

2) When the battery replaced with a new one, the time information stored in the built-in IC and the time indicated by the stopwatch hands do not correspond with each other.
Reset the stopwatch hands to " 0 " position following the procedure below.
If the stopwatch hands should move improperly, also follow the same procedure.

## ORDER

(1) Pull the crown out to the second click.
(2) Keep buttons "A" and "B" pressed at the same time for 2 seconds, and then, release the buttons.
The stopwatch second hand move back and returned to where it was.
(3) Press button " A " or " B " to reset the stopwatch second and minute hands to" 0 " position.

* By pressing button " A ", set the stopwatch $1 / 5$ second hand.
* By pressing button " B ", set the stopwatch minute and hour hands.
(4) Turn the crown to set the hour, and minute hands to the desired time, and push the crown back in to the normal position.


When the crown is pulled to the 2nd position, pushing the $B$ button, adjustment of minute and second hands position can be performed.
*By pressing button "A", the hands move counterclockwise.
*By pressing button " B " , the hands move clockwise.

1. REMARKS ON INSTALLING THE BATTERY
(1) HAND

- How to install the hands

Place the movement directly on a flat metal plate or the like and press in the hands.

* Install the hour , minute and $1 / 5$ second hand at the "12" o'clock position.
* Install the chrono minute and Hour hands at the "0" position.

[Reference] The power of press hands
Minute \& Hour hands $<5 \mathrm{~kg}$
Small second hand $<3 \mathrm{~kg}$
$1 / 5$ second hand $<3 \mathrm{~kg}$
Chrono minute \& hour $<3 \mathrm{~kg}$
(2) Battery
- How to install

Insert the battery aslant in the direction shown by the arrow.
Check the battery connection (+) securely touches the side face of the battery.
(3) Winding stem
-How to remove
While pushing the indented portion of the arrow pull out the winding stem.



## ADJUSTING THE STOPWATCH HAND POSITION

Before setting the time, check if the stopwatch $1 / 5$ second, minute and hour hands are in the " 0 " 12 o'clock) position. *if the stopwatch is in use, press the button in the following order to reset it, and then, check if the hands return to "0" position. (for details, see "HOW TO USE THE STOPWATCH")

* If the stopwatch is counting: $A \rightarrow B$
* If the stopwatch is stopped : B
* If the split time is displayed : B $\rightarrow \mathrm{A} \rightarrow \mathrm{B}$

If either of the stopwatch hands are not in the "0" position, reset them following the procedure below.


1. Put the crown out to the second click.
2. Press button $A$ or $B$ to reset the stopwatch $1 / 5$ second, minute and hour hands to "0"position. *By pressing button A set the stopwatch $1 / 5$ second hand. *By pressing button B set the stopwatch minute and hour hands.

When the crown is pulled to the 2nd position, pushing the $B$ button, adjustment of minute and second hands position can be performed.
*By pressing button "A", the hands move counterclockwise.
*By pressing button " B ", the hands move clockwise.
*The stopwatch hour hand moves correspondingly with the stopwatch minute hand.
*The hands move quickly if the respective buttons are kept pressed.

## TIME SETTING


1.Pull out the crown to the first click.
2.Turn the crown clockwise until the previous day's date appears.

3.Pull out the crown to the second click when the second hand is at the 12 O'clock position. It will stop on the spot and advance the hour and minute hands by turning the crown.
(Check that AM/PM is set correctly.)
*When the crown is at the second click position. Do not press any button. Otherwise, the chronograph hands will move.
*Do not set the date between 9:00 P.M. and 1:00 A.M.
Otherwise, the day may not change properly. If it is necessary to set the date during that time period, First change the time to any time outside it, set the date and then reset the correct time.

## HOW TO USE THE STOPWATCH

-The measurement time is indicated by the stopwatch hands that move independently of the center hands.
-The stopwatch can measure up to 12 hour in second.
(Standard measurement)
Ex) 100 m race (Press the buttons in the following order $A \rightarrow A \rightarrow B$ )
START $\longrightarrow$ STOP (Finish) $\longrightarrow$ RESET (Reset to "0'00"',
Stopwatch $1 / 5$ second hand


TIME MODULE
(Accumulated elapsed time measurement)
Ex) Basketball game (Press the buttons in the following ordı $A \rightarrow A / A \cdots \rightarrow A \rightarrow B$ )
$\underset{\text { STart of game) }}{\text { START }} \underset{\substack{\text { STOP } \\ \text { (Time out) }}}{\text { STOP }} \underset{\text { RESTART }}{\text { (Restart of game) }} \boldsymbol{\text { (Game over) }} \boldsymbol{\text { STOP }} \longrightarrow$ RESET


00 minute 40 seconds

*Restart and stop of the stopwatch can be repeated as many times as necessary by pressing button A
(Split time measurement)
Ex) $5,000 \mathrm{~m}$ race (Press the buttons in the following ord $\mathrm{A} \rightarrow \mathrm{B} / \mathrm{B} \cdots \rightarrow \mathrm{A} \rightarrow \mathrm{B}$ ) START $\longrightarrow$ SPLIT / SPLIT RELEASE $\cdots \longrightarrow$ STOP RESET


3 hours 20 minutes 0 seconds


9 hours 15 minutes 40 seconds

* Measurement and release of the split time can be repeated as many times as necessary by pressing button $B$.

