

MIYOTA

Cal. FS80

RETROGRADE CHRONOGRAPH



1. Basic Specification

Calibre	FS80
Ligne	10-1/2
Overall diameter	Φ 23.7X22.0mm (3H-9H)
Case fitting diameter	Φ 23.3X22.0mm (3H-9H)
Total height	5.10mm
Battery Life	Approx. 2years**
Battery	SILVER OXIDE SR626SW or equivalent

** (60 minutes chronograph operation per day)

< Time Standard >

Type of quartz: Tuning fork type quartz crystal
Frequency : 32,768Hz
Accuracy : ±20 second / month worn under normal circumstances

< Balanceable weight of hand >

Minute hand Max. 0.4 μ Nm
Center Chrono Second hand Max. 0.035 μ Nm
Chrono Minute hand Max. 0.026 μ Nm
Day hand Max. 0.040 μ Nm
Small second hand Max. 0.020 μ Nm

< Function >

Chronograph 1/1 sec. Basis (Up to 30min.)
Powercell Saving Reset Mechanism(PSRM)
Over-loading Compensation Device(OLCD)
Digital Frequency Control(DFC) for time adjustment

2. Separated Parts

Setting stem

065-549

3. Others

* Measurement of time rate

The unit(gate) time of measurement must be set at "10 sec." or integer fold value of 10 sec. Owing to the DFC system, and the measurement must be performed in the form of complete watch.

* Marking on movement

JAPAN
MIYOTA CO.
FS80
NO JEWELS

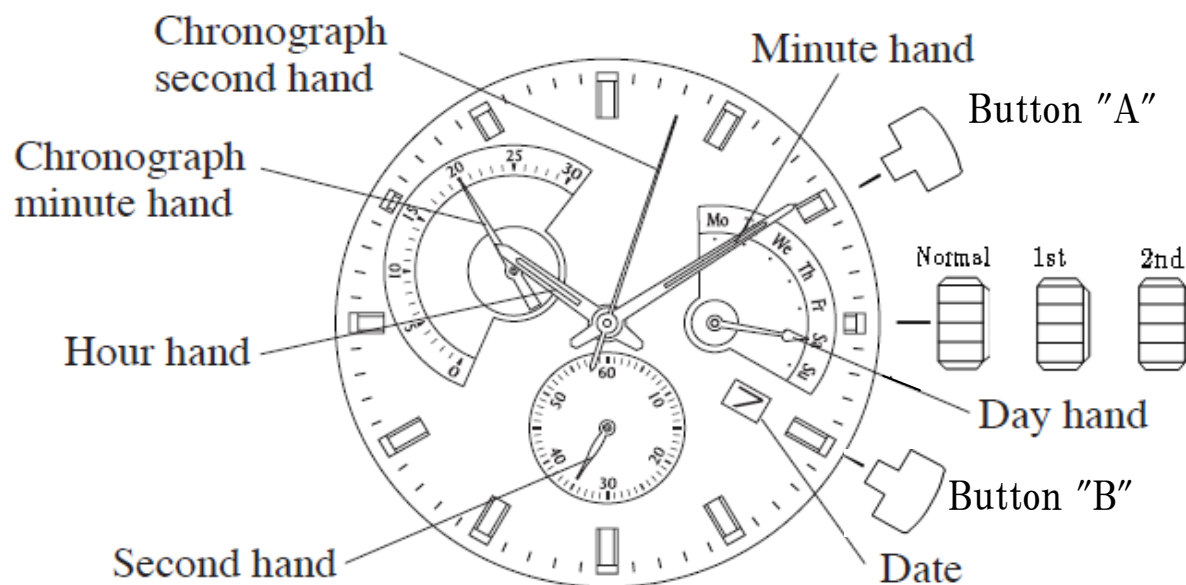
* Typical clearance

Mov't - Caseback minimum 200 microns
Top of hands - Glass 300 - 400 microns *

* subject to the glass, case structure, and the length of hand

4. Instruction Manual

【Displays and Buttons】



A) SETTING THE TIME

1. Pull the crown out to the 2nd Click Position so that the second hand stops at (0) position.
2. Turn the crown clockwise to set hour and minute hands.
3. After the time has been set, push the crown back to the Normal position.

B) SETTING THE DATE

1. Pull the crown out to the 1st Click Position.
2. Turn the crown clockwise to set the date.
 - * If the date is set between the hours of around 9:00 PM and 1:00 AM, the date may not change on the following day.
3. After the date has been set, push the crown back to the Normal position.

C) SETTING THE DAY

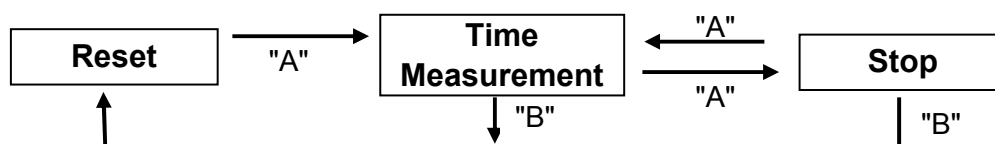
1. Pull the crown to the 1st Click Position.
2. Turn the crown anti-clockwise to set the day.
 - * If the day is set between the hours of around 11:00 PM and 3:00 AM, the day may not change on the following day.
3. After the day has been set, push the crown back to the Normal Position.

D) USING THE CHRONOGRAPH

This chronograph is able to measure and display time in 1/1 second unit up to maximum of 30 minutes.

【Measuring time with the chronograph】

1. Press button "A" to start the chronograph.
2. The chronograph can be started and stopped each time button "A" is pressed.
3. Press button "B" to reset the chronograph and chronograph minute and second hands return to their Zero positions.



E) CHRONOGRAPH RESET (INCL. AFTER REPLACING BATTERY)

This procedure should be performed when the chronograph second hand does not return to the Zero position after the chronograph has been reset, and including after the battery has been replaced.

1. Pull the crown out to the 2nd Click Position.
2. Press the button "A" once to set the chronograph second hand to the Zero position.
 - * The chronograph hands can be advanced rapidly by continuously pressing button "A".
4. Once the hands been set at Zero position, reset the time and return the crown to its normal position.

These specifications might be changed without prior notice.

CITIZEN WATCH CO., LTD.