

MIYOTA

MOVEMENT SPECIFICATIONS
CAL. 6P80 ANALOG QUARTZ MOV'T

BY CITIZEN WATCH CO., LTD. JAPAN

MULTI - EYES RANGE

MANUFACTURED IN JAPAN

1. BASIC SPECIFICATION

(1) CAL. NO.

CALIBRE	6P80
Ligne	10-1/2
Overall diameter	$\Phi 23.7 \times 22.6 \times 22.6$
Case fitting diameter	$\Phi 23.3 \times 22.6 \times 22.6$
Total height	3.85mm
Hands	4
Date	○
Day of Week	○
24 hour	X
Month	○
Battery life	Approximate 3 Years
Battery	SR621SW or equivalent

(2) Time standard

Type of quartz : Tuning fork type quartz crystal

Frequency : 32,768Hz

Accuracy : **+/-20 s/month** worn under normal circumstances

(3) Battery installed

Type of battery : Silver oxide SR621SW or equivalent

(4) Others

Driving systems : Two-pole stepping motor

(5) Balanceable weight of hand

Minute hand Max. 0.4 μ N·m

Second hand Max. 0.07 μ N·m

Date hand Max. 0.26 μ N·m

(6) Additional Mechanisms

Calendar : Date (12 o'clock position, clockwise)
Month (2 o'clock position, clockwise)
Day (10 o'clock position, clockwise)

Date correction : Pull out the crown to the first click and turn it anticlockwise

Day correction : Pull out the crown to the second click

- Month : Push button
- Picture dial : Moon phase (Age of the moon dial rotating one turn every 59 days Φ 10.1mm)
correction by pulling out the crown to the first click (clockwise)
- Power conservation switch : Pull out the crown to the second click
- Second hand stopping devise : Pull out the crown to the second click

2. SEPARATED PARTS

CALIBRE	6P80
Setting Stem	065-379

- * Setting stem 065-379
 Length of movement center to stem end... 20.03mm
 Thread..... Φ 0.9 x 12.18mm

3. Others

* Measurement of time rate

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

* Marking on movement

**MIYOTA CO. UNADJUSTED
NO JEWEL JAPAN 6P80**

* Typical clearance

- Mov't - Caseback minimum 150 μ m or more
 Top of hands - Glass 400-500 μ m *
 * depending and subject to the glass and case structure, and hand length

4. Notice Of Casing

- (1) The month corrector button should be hidden for preventing the error of action.
- (2) The returning pressure of the month corrector button should be Min.200g
- (3) The interval between Dial and Glass end should be 150 μ m to avoid breakage under drop.

5. Setting Instructions

(1) setting the day

Set the day by pulling out the crown to second click position and rotating it forward (to rotate the hour and minute hands clockwise).

If the day is set by rotating the crown backward (rotating the hour and minute hands counter-clockwise), the date may not be changed.

Note: The day is changed during the period from about 0:00 AM to about 5:30 AM

(2) Setting the date (Quick change function)

Pull the crown out to the first click position and set the date by rotating the crown backward.

If the date is set between 9:00 PM and 0:00 AM, the date will not change correctly.

(3) Setting the normal time

Pull the crown out to the second click position when the second hand reaches the 12 o'clock position so that the second hand stops there.

Then set the hour and minute hands.

When setting the minute hand, put it 4 to 5 minutes earlier than the time to be set, and then turn it back to the correct time.

Note: The day is changed during the period from about 0:00 AM to about 5:30 AM.

After the time is set, push the crown back simultaneously with the time signal.

The second hand will start running at the same time.

(4) Setting the month

Each time the month setting button is pushed, the month is moved clockwise by one month. If the button is not pushed to the end, the month is not changed perfectly.

Be sure to push it to the end firmly.

The month changes at about 0:00 AM on the 1st day of the next month.

Note: Do not change the month while the date hand lies between the 26th and the 31st.

In this case, set the date hand out of this period to adjust the month after this operation, set the date hand again.

When the time passes from a month with 30 or less days to a 31-day month, please correct the date hand. The month is also changed automatically.

(5) Reading and setting the age of the moon. (6P00,6P20,6P21,6P24)

Age of the moon

The age of the moon is determined by the period between each new moon. This period is approximately 29.5days.

New Moon Moon's age : 0 Spring tide	First quarter moon Moon's age : 7 Neap tide	Full moon Moon's age : 15 Spring tide	Last quarter moon Moon's age : 22 Neap tide
			

** index of moon age

The moon dial represents the age of the moon: The actual shape of the moon during each phase is not represented.

Use the moon dial indication as a guide to the age or phase of the moon

Setting age of the moon

Check the newspaper or another source that lists the current age of the moon.

Referring to above **index , set the moon dial to the age (0,7,15 or 22) closest to that index position.

More accurate settings can be made at the time of the new moon (0) or full moon (15)

This specifications might be changed without prior notice.