8N24
AUTOMATIC SKELETON MOVEMENT

(1)BASIC SPECIFICATION

CALIBRE	8N24
Ligne Size*mm	**11-1/2** • **26mm**
Total height	**5.55mm**
Vibration frequency	**21600times/ hour**
Mainspring wounding direction	**Left rotation**
Jewels	**21 Jewels**

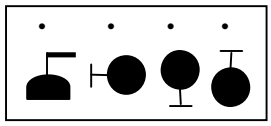
(2)TIME PERFORMANCE

• Accuracy of the mechanical watch is different from the daily rate of the quartz watch and the accuracy will change maximum of several ten seconds during rewinding the spring, then the accuracy of the half winding condition will be different from that if full winding condition.

		CALIBRE
Standard	Time Performance	**8N24**
	Accuracy	-10• +30 seconds• day
	Posture difference	Under 30 seconds
	Duration time	More than 40 hours

<Measurement Condition>

Accuracy Measure within lapse of 10• 60 minutes from full winding.



Posture difference Measure accuracy in 4 different postures shown on the right picture within lapse of 10• 60 minutes from full winding.

• Direction of 4 postures• • Date Dial Up • 6 o'clock up• • 9 o'clock up• • 3 o'clock up

Duration time In automatic winding, measure the operating time after winding the mainspring by the mainspring winding up device (60 minutes) and leaving itself on natural condition with posture.

• When setting the movement to the mainspring winding up device, set the direction of the mainspring winding up device and the mainspring winding direction in the same direction.

• If oscillating weight makes 116.5 rotation, ratchet wheel rotates once. And when ratchet wheel rotates 7.5 times, mainspring becomes full winded. So to full wind the mainspring, rotating the oscillating weight for 116.5× 7.5=873.75 times is needed. Check the time of the rotation of oscillating weight on the rotation speed of below 40 rpm of the mainspring winding up device. 60 minutes time is given considering the rotation loss.

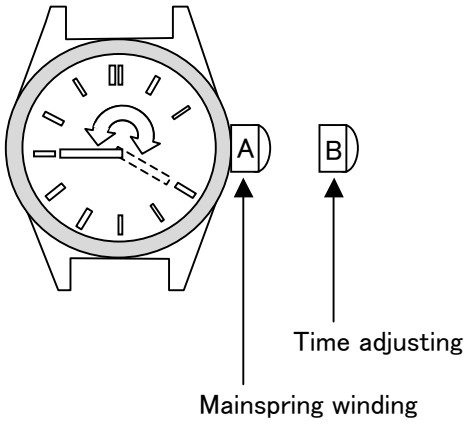
(3)Function Automatic winding and the one side mainspring winding up system

(4)Operation Method

Winding the mainspring, adjusting the hand, day/date is done by the below procedure.
date adjustment→day adjustment→hand adjustment

(1) Winding the Mainspring
Automatic winding watch can also be hand winded by turning the crown in "A" position.
Wind 15～20 times. It will start to move naturally after shaking slightly.

(2) Adjusting hand
Rotate the crown in "B" position and set the standard time.
Then check if it is morning or the afternoon and adjust correctly.



(7)Separated Parts

PARTS NAME	8N24	
WINDING STEM	065-212	x 1
CASING CLAMP	082-060	x 2
SCREW FOR CLAMP	924-460	x 2
SCREW	929-250	x 2

This specifications might be changed without prior notice