

Watch Movement Specification and Drawing

MULTI - FUNCTION

Cal. VX9NE



3 years

Cal. VX9NE

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Cal.	Cal. VX9NE Specifications		Date : 30/Apr./'14				
			Rev.: 03				
Analog Quartz 12 3/4''' Movement / 3 hands (H/M/S) and 3 eyes with Day / Date / 24 Hour indicators							
1.	MOVEMENT D	IMENSIONS					
Outside diameter		r	¢29.50mm × 26.00mm(3-9⊢	l) × 29.36m	m(12-6H)		
Casing diameter			ϕ 28.60mm × 25.60mm(3-9H) × 28.60mm(12-6H)				
	Total height		3.99mm (including battery)				
2.	TIME STANDA	RD					
	Type of quartz o	scillator	Tuning fork				
	Frequency of qu	artz oscillator	32,768 Hz				
	Accuracy ±20 seconds per month (on wris		vrist)				
	Operating tempe	erature range	−5°C to +50°C				
	Regulation device Nil (Pre-adjusted)						
3.	INDICATOR / F	UNCTIONS					
	3 Hands		Hour / Minute / Second				
	3 Small hands		Day(12H) / Date(6H) / 24 Hour(9H)				
	Reset switch						
	Setting mechanis	Sm	Crown at normal position	: Free : Time soft	ting / Posot		
			2H button	· Day char	Ing / Reser		
			4H button	: Date cha	inge		
4.	FEATURES						
	Jewels U Jewels		ald)				
Maximum unbalance of bands		ance of hands	Second hand	• 0 1 // N•r	na) n		
			Minute hand	: 0.9 <i>µ</i> N•r	n		
			Hour hand	:0.9µN•r	n		
	Moment of Inerti	а	Day hand	: less than	0.008 μ g•m²		
5.	BATTERY						
•	Type / Size		Silver oxide battery / ϕ 9.5mm	× t 2.7mm			
	Recommended I	ecommended battery SR927SW (Maxell, Sony, Seizaiken)					
	Nominal voltage	-	1.55 V				
	Battery life Approx. 3 years						
	Driving current consumption		Approx. 2.1 μ A				
	Operation stoppi	ing voltage	1.2 V				
6. SEPARATED PARTS (Parts code)							
Hand setting stem 0		0351578 or 0351177					
	Battery SR927SW						
7. TEST OF ACCURACY							
	Equipment to be used SEIKO quartz tester QT-99,						
			Greiner quartz timer-C, Witsc	hi Q-tester 4	000		
	Duration of measurement 10 seconds						
	Microphone to be used Electromagnetic detection type						
	All specifications are subject to change without notice.						













Unit : 1=1/100mm



Unit : 1=1/100mm



Crown	Free	Time setting	
2H button	Day change		
4H button	Date change		

* Do not set the day and date between 9:00 PM and 4:00 AM. Otherwise, the day and date may not change properly.



Rev.: 01

1. Casing

•Please use the casing part with rotary regulation to fix the movement tightly inside of the case, and to stabilize position of the button and the movement.

•An example of rotary regulation is shown below.

%The aim of rotary regulation is less than \pm 1.5deg.



2. Button position

•Please keep the clearance between the movement and the tip of button to prevent the interference in assembling and enable to be cased smoothly.



To keep the clearance, it is recommended to use button spring.