



HARDING

MIYOTA

OPERATION MANUAL OF VD5 CHRONOGRAPHS

DISPLAY AND CROWN / BUTTON OPERATION



VD50



VD51



VD52



VD53



VD54



VD55



VD56



VD57



VD59

		VD50	VD51	VD52	VD53	VD54	VD55	VD56	VD57	VD59
Hands	Hour	Center Hour Hand								
	Minute	Center Minute Hand								
	Second	Center Second Hand								
Window	Date	O			X			O	X	
	Crown	Date setting	1st click			X			1st click	X
Time setting		2nd click			1st click			2nd click	1st click	
Sub-dials	Chrono 1/10 second	*12H	X			12H				
	Chrono second	6H	12H			6H				
	Chrono minute	9H	6H	9H						
	24 hour indicator	X		3H			X	3H	X	
	Sun & moon	X				3H				
Buttons	Start/ stop	2H (Button A)								
	Reset/ split/ split release	4H (Button B)								

* VD50 is with retrograde chrono 1/10 second at 12H sub-dial

Remarks :

- 1) The measurement time indicated by the stopwatch hands move independently of the center hands.
- 2) Chrono 1/10 sec : The stopwatch 1/10 second hand moves for a first minute. After one minute, it indicates the measurement time when it is stopped. (applicable to VD50, VD55, VD56, VD57, VD59)



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ADJUSTING THE STOPWATCH HAND POSITION

* Before setting the time, check if all the chronograph hands - 1/10 second (where applicable), second, minute - are at the "0" (12 o'clock) position.

* If the stopwatch is in use, press the buttons 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 chronograph is counting: A -> B
- * If the stopwatch is stopped: B
- * If the split time is displayed: B -> A -> B

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

1) Pull the crown out to:

VD50, VD51, VD52, VD53, VD57 (calibres with date window) : second click

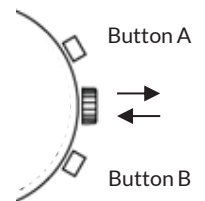
VD54, VD55, VD56, VD59 (calibres without date window) : first click

2) Press button A or B to reset all stopwatch hands to "0" position.

* The stopwatch minute hand moves correspondingly with the stopwatch second hand.

* The hands move quickly if the respective buttons are kept pressed.

3) Push the crown back to the normal position.



TIME SETTING

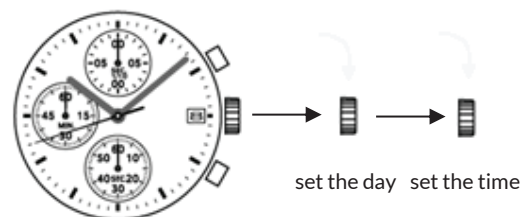
* Before setting the time, check that the chronograph measurement is stopped.

VD50, VD51, VD52, VD53, VD57 (calibres with date window) :

1) Pull out the crown to the first click.

2) Turn the crown clockwise until the preview 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. Set the hands to the desired time of the day (make sure AM/PM is set correctly) by turning the crown.



* When the crown is at the second click position, do not press any button. Otherwise the chronograph hands will move.

4) Push the crown back in the normal position in accordance with a time signal.

* 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 the time period, firstly change the time to any time outside it, set the date and then reset the correct time.



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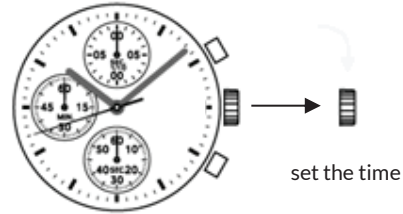


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VD54, 55, 56, 59 (calibres without date window) :

- 1) Pull out the crown when the second hand is at the 12 o'clock position. The second hand will stop on the spot.
- 2) Set the hands to the desired time of the day by turning the crown
 VD54, VD56, VD59 : make sure AM/PM is set correctly



* Do not press any button, otherwise the chronograph hands will move.

- 3) Push the crown back to the normal position in accordance with a time signal.

HOW TO USE THE STOPWATCH

- * The measurement time is indicated by the stopwatch hands that move independently of the center hands (and 24-hour hand where applicable).
- * The stopwatch can measure up to 60 minutes
- * The stopwatch measures in 1/10 second increments. (VD50, VD55, VD56, VD57, VD59)

Standard measurement (e.g. 100m race)

Press the buttons in the following order :



Accumulated elapsed time measurement (e.g. basketball game)



* Restart and stop of the stopwatch can be repeated as many times as necessary by pressing button A.

Split time measurement (e.g. 5,000m race) (this function is not available in VD50)



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



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