Ω

OMEGA

Chrono-Quartz

Calibre 1611

Kaliber 1611

Calibro 1611

WELCOME TO THE SELECT GROUP OF OMEGA WATCH OWNERS.

For more than 125 years, Omega has set the standards for the manufacture of accurate and reliable wristwatches. In the ultra-precise world of electronic watch technology, it continues to set the standards.

Omega electronic watches are among the most advanced in the world. Their tasteful styling and advanced engineering will ensure continued pride and satisfaction through the years.

Omega offers one of the widest ranges of electronic wristwatches in the world. While each model has its own special features, all Omega electronic watches have certain valuable qualities in common:

- they can all withstand the rigours of an active life;
- their degree of water and dust resistance corresponds to their high performance rate;
- they all offer maximum protection against shock, magnetic fields and temperature changes.

All Omega electronic watches are covered by an international guarantee honoured in 156 countries.

OMEGA CHRONO-QUARTZ: ACCURATE TO WITHIN 5 SECONDS A MONTH.

Your Omega Chrono-Quartz is a masterpiece of electronic engineering. Its quartz resonator vibrates 32.768 times a second, assuring an accuracy of 5 seconds a month when worn (will be adjusted to this tolerance if necessary).

The Chrono-Quartz is as reliable as it is accurate. A miniaturized integrated electronic circuit replaces most of the moving parts found in conventional watches. The power source is a miniature battery which will run for more than one year.

To mention a few of the outstanding features of the Chrono-Quartz:

- double LCD (liquid crystal diodes) digital display quartz chronograph with continuous minute and seconds readout and, with a push of a button, the hour and hundredths of a second appear, plus the following functions:
  - Start-Stop
  - Totalizer
  - Split
  - Lap Timing
  - Seconds function (watch)

  (see Operating Instructions)

INTERNATIONAL GUARANTEE AND WORLDWIDE SERVICE

Your Chrono-Quartz carries the Omega international guarantee, honoured in 156 countries. (For details, please read the guarantee booklet accompanying your watch.)

When a watch has a precision of 5 seconds a month, the dealer must have the sophisticated equipment capable of measuring this precision. That's why Omega designed special testing instruments for its dealers to check out your electronic watch. There's the Deltatest, which measures the precision of an electronic watch to the hundredth of a second, and the Alitest, which measures battery tension and current consumption.

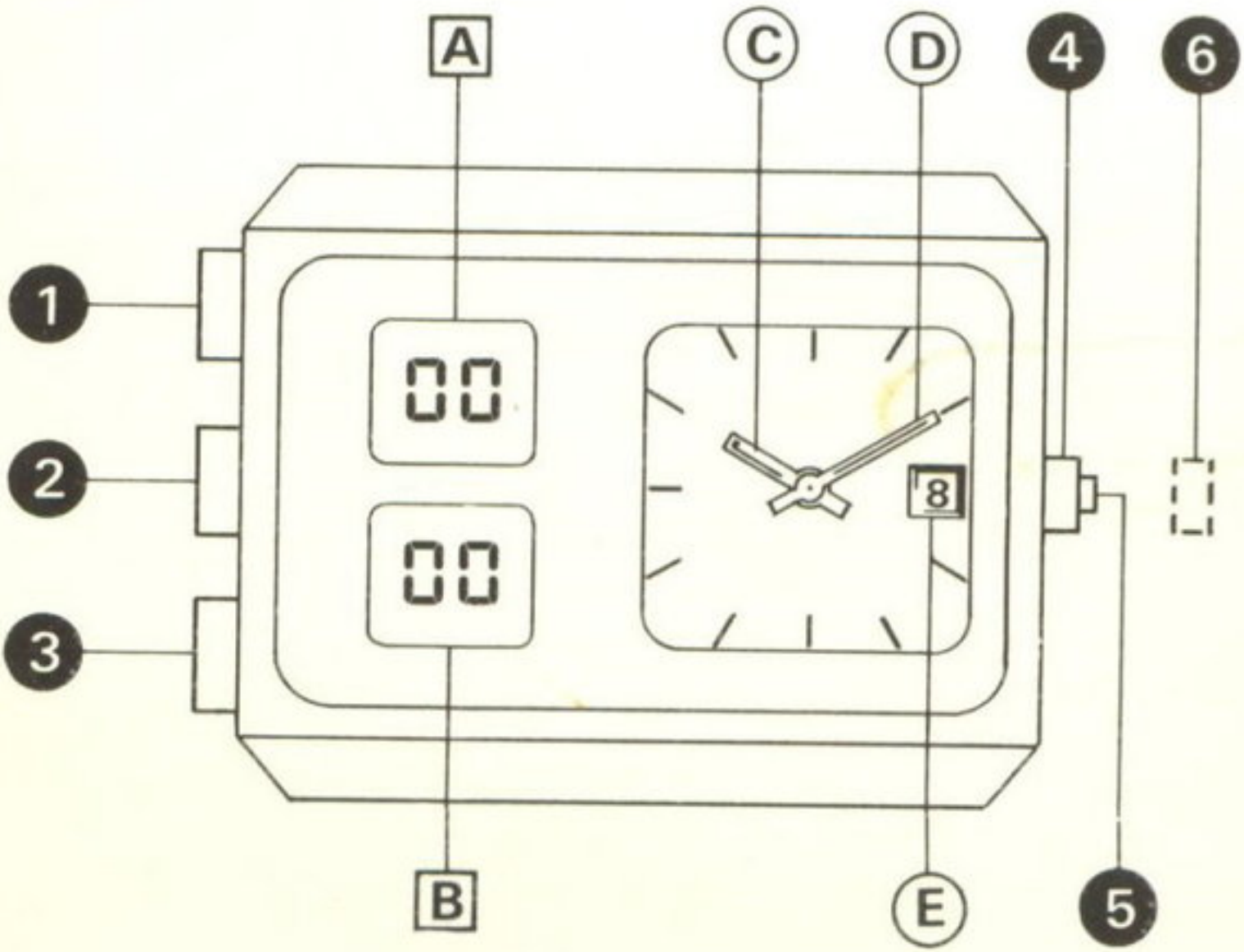
Organes de commande et d'affichage

Control and display buttons

Dispositivos de mando y de marcación

Bedienungs- und Anzeige-elemente

Organi di comando e di affissione



2. WATCH

2.1. To change the hour setting

Pull the crown ❹ out to position ❻ and turn to the desired hour (C). Then press crown back into the first position. The hour hand is thus automatically repositioned. This operation does not affect the minute hand.

2.2. To change the minute setting

Press the push button ❺ in the center of the crown ❹ continuously with a pointed object, a ballpoint pen tip for example, until the desired minute is reached (D).

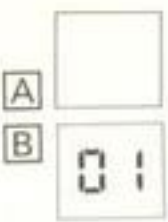
2.3. To change the date

Pull the crown ❹ out to position ❻ and turn the hour hand until the desired date appears (E); then reset the time and push the crown back into position ❹. The changing of the date in no way affects the running of the minute hand.

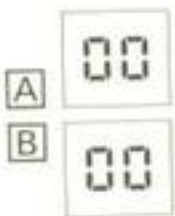
2.4. Seconds display

The display screen [B] can be used to display the seconds when the chronograph is not in operation:

Set at zero: see 1.1.

Press on	Display	Comments
DISPLAY ❷ start from a reference point		Display screen [A] remains inactive

2.5. To pass from the watch seconds function to the chronograph function

RESET ❸		set at zero

1.5. LAP TIMING Function

Sequential timing of successive events taken separately within the course of a whole event. (Events which begin at the precise moment the preceding event ends.)

Set at zero: see 1.1.

Press on		Display (examples)		Comments
START ❶ short press	A	00	minutes	start of measurement
	B	01	seconds	

Lap Timing: maximum readout time: 7 seconds

				Simultaneously:
LAP ❸ short press	A	01	minutes	end of 1st measurement and start of second
	B	35	seconds	

Display of hundredths of a second and of hour:

DISPLAY ❷ continuous press	A	02	hour
	B	65	100ths of a second

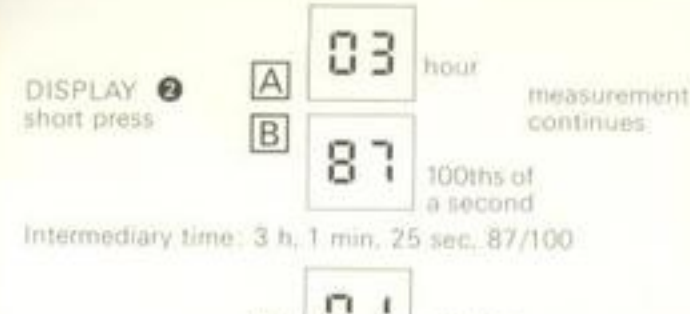
Total time of 1st event: 2 h, 1 min, 35 sec, 65/100

After 7 seconds:

	00	minutes
	07	seconds

LAP ❸ short press	01	minutes
	34	seconds

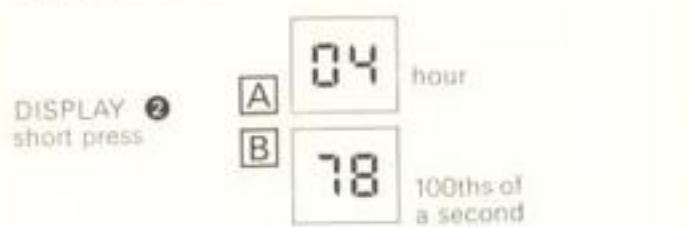
Etc...



Intermediary time: 3 h, 1 min, 25 sec, 87/100

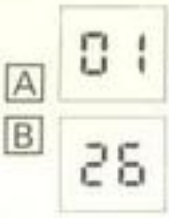
Etc...

Display of hundredths of a second and of hour:



Total time: 4 h, 32 min, 56 sec, 78/100

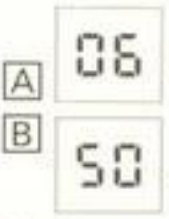
START ❶ short press



restarting of measurement

Etc...

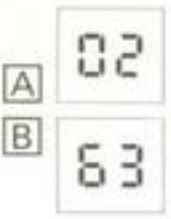
STOP ❶ short press



end of measurement

Display of hundredths of a second and of hour:

DISPLAY ❷ continuous press



Total time: 2 h, 6 min, 50 sec, 63/100

1.4. SPLIT Function

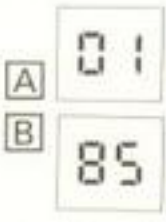
Timing an event with intermediary time displays.

Set at zero: see 1.1.

Press on	Display (examples)	Comments
START ❶ short press	A 00 minutes B 01 seconds	start of measurement
Intermediary time: maximum readout time: 7 sec.		
DISPLAY ❷ short press	A 01 minutes B 25 seconds	measurement continues

Display of hundredths of a second and of hour:

DISPLAY ❷ continuous press



Total time: 1 h, 3 min, 45 sec, 85/100

1.3. TOTALIZER Function

Timing an event with deduction of time-out periods

Set at zero: see 1.1

Press on	Display (examples)	Comments
START ❶ short press	A 00 minutes B 01 seconds	start of measurement
STOP ❶ short press	A 01 minutes B 26 seconds	interruption of measurement

OMEGA CHRONO-QUARTZ OPERATING INSTRUCTIONS.

(see illustration of command and display buttons on last page)

1. CHRONOGRAPH

1.1. Set at zero

Press on | Display | Comments

1.1.1. If the chronograph is operating:

STOP ❶ short press

RESET ❸ short press

1.1.2. If the chronograph is stopped or if display [B] displays the seconds:

RESET ❸ short press

1.2. START-STOP Function

Timing a single uninterrupted event or one followed by a second uninterrupted event independent from the first.

Set at zero: see 1.1.

Press on | Display (examples) | Comments

START ❶ short press

start of measurement

STOP ❶ short press

stop of measurement

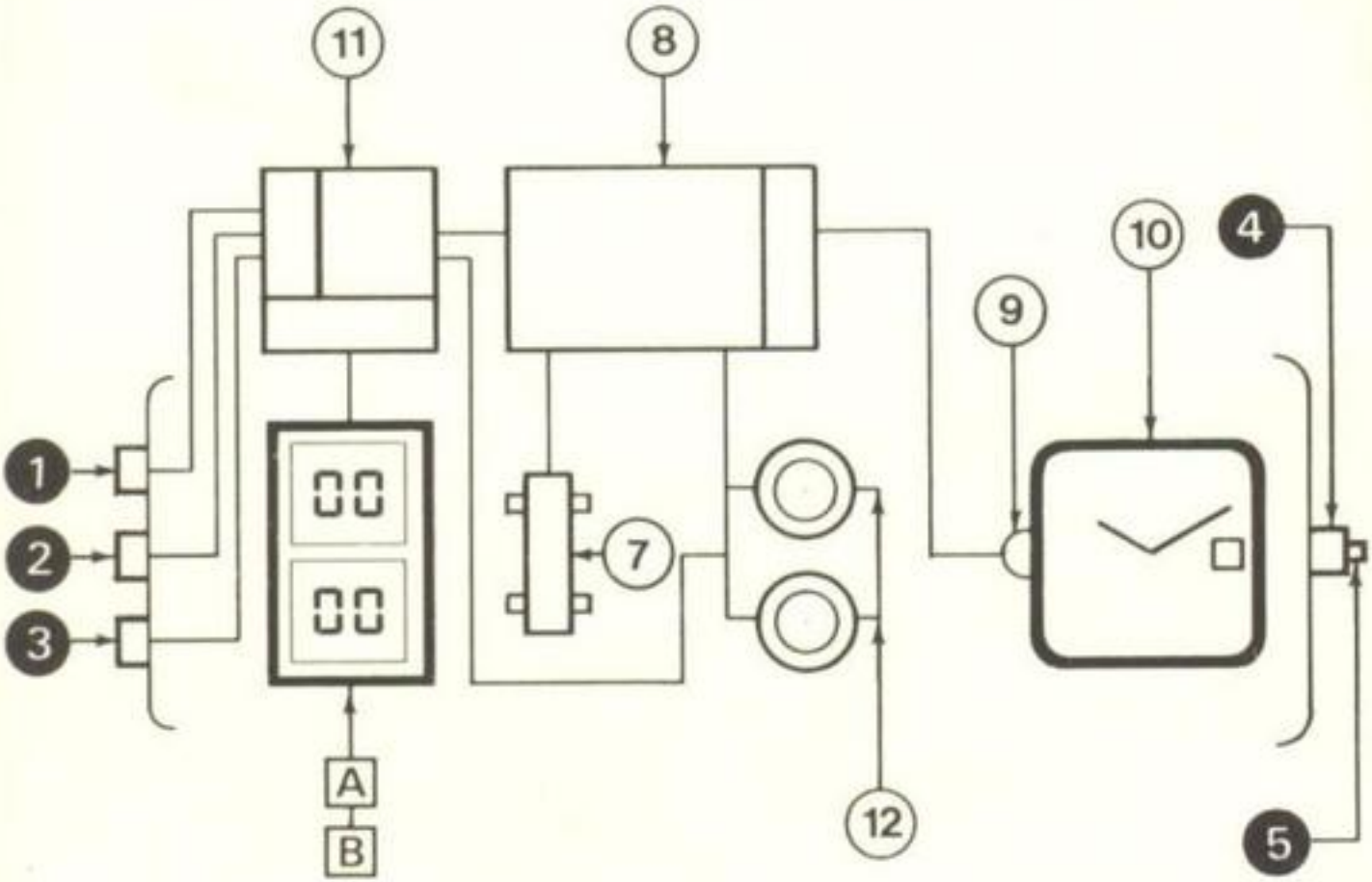
Schéma fonctionnel

Diagram of functions

Esquema de funcionamiento

Funktionsschema

Schema funzionale



- analog display quartz watch with continuous hour-readout independent from the chronograph and with two unique devices:
  - an hour-hand shifting system for fast and easy conversion to a new time zone without affecting the minute hand or detracting from the watch's extreme accuracy;
  - a rapid minute-hand adjustment system.

  (see Operating Instructions)

Important: Battery replacement should be made only by an authorized Omega dealer.

HOW YOUR CHRONO-QUARTZ WORKS.

(see diagram of functions on first page)

The batteries (12) provide power which is transmitted to the quartz resonator (7) through the integrated electronic circuit (8). This energy causes the quartz crystal resonator to vibrate 32.768 times a second. Then the integrated circuit divides these vibrations and feeds them to the electromagnetic motor (9) which, in turn, transmits the information to the analog time display (10).

By pulling out the crown ❹, either the hour hand can be changed (when passing from one time zone to another), or the date can be corrected. The push button ❺ found in the center of the crown controls the rapid advance of the minute hand.

The batteries (12) supply the power necessary for the functioning of the chronograph's integrated circuit (11) and its liquid crystal digital display (Ⓐ and Ⓑ). A frequency of 512 Hz is appropriated from the dividing part of the watch's integrated circuit (8) and is introduced into the integrated circuit of the chronograph (11). This frequency will be used as a source of counting for the chronograph.

With the push buttons ❶, ❷ and ❸, the calculators can, depending on the type of timing desired, be stopped or read at any given moment. The values in h, min, sec and sec/00 will then be displayed on the digital display screens of the watch (Ⓐ and Ⓑ).