

# Technical Letter

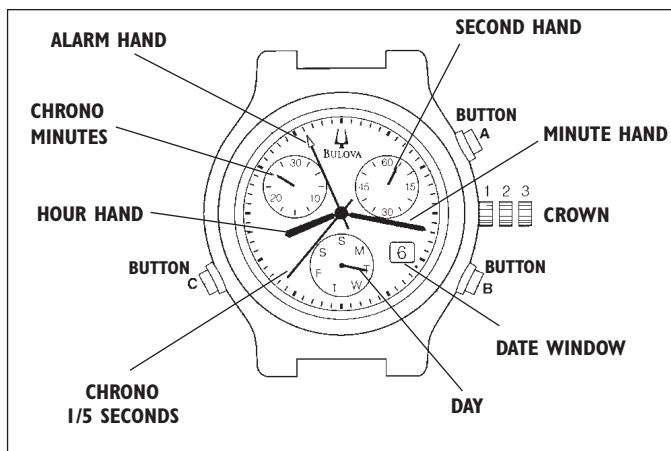
BOOK NO. 555

ALARM/CHRONO 8154

**YOUR NEW WATCH FEATURES THE FOLOWING FUNCTIONS:**

- A. Time display with Hour, Minute and Seconds Hand.
- B. Calendar with Date Window and Day of the week hand display
- C. 30 Minute Chronograph with 1/5 seconds display.
- D. Alarm with 12 Hour base.
- E. Special Chronograph zero reset.

As you read the enclosed instructions, please refer to the illustrated diagram below, which shows the functions of the watch.



**A + B TIME AND CALENDAR SETTING**

1. Pull the crown out to position "3" and turn the hands clockwise until the day/date changes at approximately midnight.
2. Continue turning the hands until the correct day of the week is indicated at the small dial at the bottom of the watch face.
3. Continue to the correct time if it is AM (morning).
4. For PM (afternoon) time continue past 12 noon and keep turning until the correct time is reached.
5. Push the crown back to position "1".
6. Lastly, pull the crown out again to position "2" and turn the crown AWAY from you until the correct DATE shows in the window (IF the alarm hand starts moving, you are turning in the wrong direction). Push the crown in.

**NOTE:** Do Not use the date setting (step 6 above) between the hours of 9:00 PM and 12:30 AM. This will cause the date to be incorrect and the date will have to be reset later.

**C. USING THE CHRONOGRAPH (CHRONO)**

1. Refer to the diagram above and note which are the two chronograph hands. They should be positioned at the "zero" or 12 o'clock position. If not, go now to section "E" below.
2. Push button "A" to start the Chrono. The Chrono 1/5 second hand will count to 60 seconds and the Chrono minute hand will count up to 30 minutes.
3. Push button "A" again to stop the Chrono. Then read the elapsed time.

**NOTE:** It is also possible to "ADD" Chrono times (stop and re-start the Chrono) by pressing the "A" button repeatedly.

4. Push button "B" and the Chrono hand will return to "Zero" or 12 o'clock position.
5. "SPLIT TIME" chronograph function – allows you to record multiple finishing times for the same starting time. With the chronograph running, push button "B". The Chrono hands will stop (First finishing time), but the mechanism inside will keep running. Push button "B" again and the hands will catch up to the actual elapsed time. This can be repeated. At the completion of measurements, push Button "A" to stop the Chrono – Then "B" button to return hands to Zero.

**NOTE:** After a battery change the chrono hand must be re-programmed to the "zero" position. See section "E" for those instructions.

**D. SETTING AND USING THE ALARM**

1. Alarm will ring for 15 seconds and will turn itself off. It must then be turned on again to ring again. This is so that if it rings at 4:00PM, it will not ring again and wake you at 4:00 AM
2. To set alarm time, pull the crown out to position "2".
3. Turn the crown toward you (the opposite direction from setting the date) until the alarm hand is in the desired position.
4. Push the crown back in to position "1"
5. Turn on (activate) the alarm by pushing button "C". The watch will "Beep" twice to confirm that the alarm is ON.
6. To turn the alarm off when it is ringing, or to deactivate the alarm, push button "C". The watch will "Beep" once to confirm.

**E. SPECIAL CHRONOGRAPH RESET**

If the battery has been changed, or in case of a severe shock to the watch, the Chronograph hands may lose their proper "Zero" or 12 o'clock starting position. If this happens, proceed as follows:

1. Push buttons "A" and "B" at the same time and release. Both chronograph hands will move clockwise and stop.
2. Push the "B" button to move the chrono minute hand to the Zero or 12 o'clock position. Hold the button "IN" to move the hand rapidly; or push and release the button to move the hand one step at a time.
3. Next, push button "A" to move the 1/5 second chrono hand to Zero – slowly, or rapidly, as in step "2".
4. Once both hands are positioned properly, push buttons "A" and "B" at the same time again to complete the reset. Both hands will go forward one revolution to confirm completion.