

TELETIME™

BY GRUEN



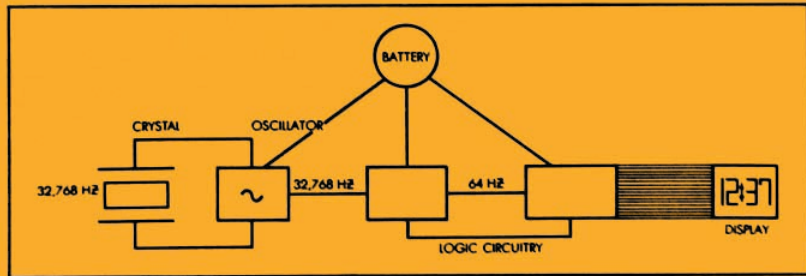
SOLID STATE · LIQUID CRYSTAL · QUARTZ
3 YEAR GUARANTEE & OWNER'S MANUAL

TELETIME by GRUEN is the product of a total revolution in the science of personal timekeeping. Until now watches depended on the science of earlier eras—wheels, springs, gears, levers, tuning forks, and hands.

But computer age technology enables GRUEN to give you a totally new timepiece, with a degree of accuracy never achieved in a traditional mechanical watch. TELETIME is, in fact, a time computer you wear on your wrist.

TELETIME KEEPS TIME WITH NO MECHANICAL MOVING PARTS

A small energy cell energizes TELETIME's specially produced quartz crystal oscillator. The crystal oscillates at precisely 32,768 times per second. These



pulses are fed through two tiny solid state computer logic circuits which send electronic signals to the TELETIME display. These signals bring about a molecular change in the liquid crystal display material, causing sections of the display to become visible. These visible sections form the digits of the correct time on the display. The colon pulses once each second, while the proper digit or digits change each minute.

You have the perfect time, in easy-to-read digital format, at a glance.

TELETIME OWNER'S MANUAL

1. If your TELETIME is damaged in any way, take it to your dealer at once. He can see that it is repaired and resealed properly to insure long and accurate service.

2. BATTERY MAINTENANCE. TELETIME's battery will last a minimum of 12 months. When the battery wears down, TELETIME automatically shuts itself off. Be sure to have the battery replaced by your GRUEN dealer to insure that the correct battery is used and the case resealed properly. We recommend Eveready Type 301 (1.5 volt) battery. Any battery of higher voltage, or any hearing aid battery, will damage TELETIME's computer circuits.

3. SETTING INSTRUCTIONS. TELETIME is a unique timepiece with unique setting instructions. Setting is easy—almost automatic. We suggest that you practice setting both the hours and minutes several times to familiarize yourself with the following instructions:



1. TO SET OR CHANGE THE HOUR DIGITS:
With the crown in the normal wearing position A, turn the crown $\frac{1}{4}$ turn counter-clockwise. You will see the hours advance at a rate of one hour per second without changing the minutes. Return the crown $\frac{1}{4}$ turn clockwise to stop TELETIME at the correct hour. During hour changes TELETIME continues to keep time (minutes and seconds) accurately. This means that you can reset TELETIME to a new time zone or change between daylight and standard time without having to reset the minutes.



2. TO SET MINUTES AND EXACT TIME: Pull the crown out to position B and turn $\frac{1}{4}$ turn clockwise. The minutes will advance at the rate of one minute per second. Turn the crown back $\frac{1}{4}$ turn when desired minute appears. NOTE: With the crown in position B the internal circuits are in a "holding" position. This enables you to push the crown in and start keeping time exactly at the time tone. "At the tone the time will be 11:23 EXACTLY." Push in the crown in sequence with the time tone and your TELETIME is set to the exact second, 11:23 and 0 seconds.*

*Time shown is for illustration only. Your TELETIME can be set exactly to the second at any time of day.

THREE YEAR GUARANTEE

TELETIME by GRUEN is guaranteed against defective parts and workmanship for a period of THREE YEARS from date of purchase. GRUEN will repair or replace any such defective part without charge for parts or labor.

This guarantee applies to the case, crystal, display, and internal components of TELETIME. This guarantee does not apply to the strap, bracelet, or energy cell, nor does it apply to TELETIME's damaged by accident, misuse or neglect. This guarantee is void if the TELETIME has been tampered with in any way.

For service under this guarantee, send the timepiece and a completed OWNER'S CERTIFICATE to:

TELETIME Service Department, Gruen Watch Co., 20 West 47th St.,
New York, N.Y. 10036.

(Refer to the OWNER'S CERTIFICATE for complete instructions.)

TELETIME BY GRUEN OWNER'S CERTIFICATE

I certify that this TELETIME is my own personal property, and present this certificate as evidence thereof. I understand that this guarantee is void if sold and is not transferable. I further understand that, to obtain service under this guarantee, this certificate must be validated with the date of purchase and the dealer's signature. This certificate and a note explaining exactly what is wrong with the timepiece must accompany the TELETIME. We suggest you send your TELETIME via insured mail, wrapped carefully to prevent damage. Do not send it in the original box, as we cannot guarantee the return of the box.

Send to: TELETIME Service Department, Gruen Watch Co.
20 West 47th St., New York, N.Y. 10036

OWNER _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

DEALER'S NAME _____

DATE PURCHASED _____

CERTIFICATE NO. 7301

GRUEN

GRUEN SINCE 1874. IT TAKES TIME TO BECOME GREAT.

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Bienne & Geneva, Switzerland