

# Pulsar

THE TIME COMPUTER®

## JEWELER'S TECHNICAL MANUAL

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### INTRODUCTION

The fine jewelry business was built and continues to grow on a sound business premise — a combination of quality products, sold and serviced in a quality way. Your profitable Pulsar business is no exception.

Time Computer, Inc. is dedicated to providing you and your discriminating customers with the finest, most innovative digital electronic timepieces available anywhere in the world, supported by equally fine and responsible worldwide service facilities. We continue to be dedicated to these principles.

In publishing this new Jeweler's Technical Manual, we hope to assist you to provide quality service to your customers in three ways:

- (1) By identifying those simple, routine service procedures which can and should be provided in the store.
- (2) By providing you with the information, materials and equipment you need for prompt, reliable in-store service.
- (3) By suggesting when and how your nearest Pulsar Regional Service Center can be utilized for maximum customer convenience and satisfaction.

This Jeweler's Technical Manual also provides you with complete data on every Pulsar model — product numbers, features and specifications, operating instructions, service procedures and replacement materials information. As new models are added to the Pulsar line, supplemental pages will be issued.

Please consult the index on the following page to locate the information you need. And if you ever have a service question or problem, please use our toll-free "hot line" to request what's needed. Call 800-233-0262 (Pennsylvania residents call collect 717-299-0840). We're here to help you and your customers in every possible way.

Customer Service  
Time Computer, Inc.  
P.O. Box 1707  
Lancaster, Pa. 17603

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# IN STORE SERVICE

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## WHAT A PULSAR JEWELER CAN AND CANNOT SERVICE

In the interest of customer convenience and satisfaction, and as is the case with the other fine products you sell, simple routine service procedures should be performed in the store.

### You Can

- Replace power cells with genuine Pulsar (Ray-O-Vac) cells specified for that particular model. Do *not* use other brands — they may adversely affect the Pulsar's performance and cannot provide the long life and satisfactory service of genuine Pulsar cells.
- Re-set your customer's Pulsar to the correct time or date.
- Regulate timing with the Pulsar Analyzer to conform with guaranteed accuracy of plus or minus 60 seconds a year.
- Adjust bracelet length.
- Remove minor scratches on case or bracelet with a glass brush.
- Install module shunt to correct malfunctioning magnetic switching when seconds or date continue to display after command button is released. See page 22 of this Technical Manual.
- Return the Pulsar to your nearest Service Center for problems you cannot correct.

### You Cannot

- Make adjustments to or change any of the electronic components attached to the module.
- Replace a damaged time screen.
- Refinish a deeply scratched or damaged case.
- Repair a command button assembly — except for installation of a shunt on magnetic set models.
- Make any repairs to a Time Computer/Calculator.

### Module Replacement

The increasing number and complexity of Pulsar product innovations have made it impractical for most jewelers to maintain an inventory of Pulsar replacement modules. For this reason, we recommend that any replacement modules in your stock be returned to the Lancaster Service Center for full credit. In the interests of prompt service to your customers, module replacement — when necessary — will be provided only by the Regional Service Centers.

### Non-Warranty Service

The Pulsar warranty does not cover case, bracelet or mineralite time screen repairs. For this reason, the following services are available through our Regional Service Centers at the suggested retail prices\* shown:

- Refinish case and bracelet, including new mineralite time screen.  
\$45.00 plus postage
- Replace mineralite time screen.  
\$35.00 plus postage.

\*Keystone

