



Y2K FIRMWARE UPGRADE KITS

FOR DANTEL MULTIPLE ALARM PROCESSORS EQUIPPED WITH 46600-36 FIRMWARE

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About this Practice:

This practice has been reissued to:

- Update the -38 firmware eeprom number from D82 to E82.

Reissued Practices: Updated and new content can be identified by a banner in the right margin.

Issue date: March 1999

UPDATED

CAUTION

- Install or remove modules from the shelf only when the power is off. If you install a module in the shelf with the power on, the internal circuitry may suffer damage and the product warranty will be void.
- Remove and install circuit boards only in a static-safe environment (use antistatic wrist straps, smocks, footwear, etc.).
- Keep circuit boards in their antistatic bags when they are not in use.
- Do not ship or store circuit boards near strong electrostatic, electromagnetic, magnetic, or radioactive fields.
- For more complete information on electrostatic discharge safety precautions, refer to Bellcore™ Technical Reference # TR-NWT-000870.

ORDERING INFORMATION

NOTE: This section lists the different options available for this product. To order any of the available options, contact Dantel Inside Sales through our toll-free number, 1-800-432-6835.

OPTION NUMBER	FEATURES
C17-49010-00	Y2K Firmware Upgrade Kit

GENERAL DESCRIPTION

These instructions are for upgrading 46020 Multiple Alarm Processor (MAP) Firmware from 46600-36 firmware to a D17-46600-38.

INSTALLATION

This procedure involves removing and replacing EPROM 101 on the MAP's Firmware subassembly memory board. Refer to Fig. 1 for the location of this board on the MAP.

CAUTION: *Observe all appropriate electrostatic precautions when handling the MAP and its subassemblies.*

Replacing the EPROM

The programmed EPROM to change is U101, on the MAP's memory board. Refer to Fig. 2.

1. Remove the old EPROM from the socket in which it is installed.
2. The new EPROM is labeled E82-00289-00. Install the new EPROM in the socket, making sure that the notch on one end of the EPROM is on the same side as the notch in the socket. Also make sure that the pins on the EPROM do not bend as the EPROM is pushed into its socket.

Labels

1. Remove the A17-46600-36 label from the memory subassembly board and replace it with the new label that is marked D17-46600-38.
2. Remove the bar code label from the front of the blue handle and replace it with the new label that is marked RMPQADF7AA.
3. Place the C11-46020-38 label at the bottom of the MAP's front panel.

UPDATED

INSTALLATION

FIG. 1 - MAP SUBASSEMBLY LOCATIONS

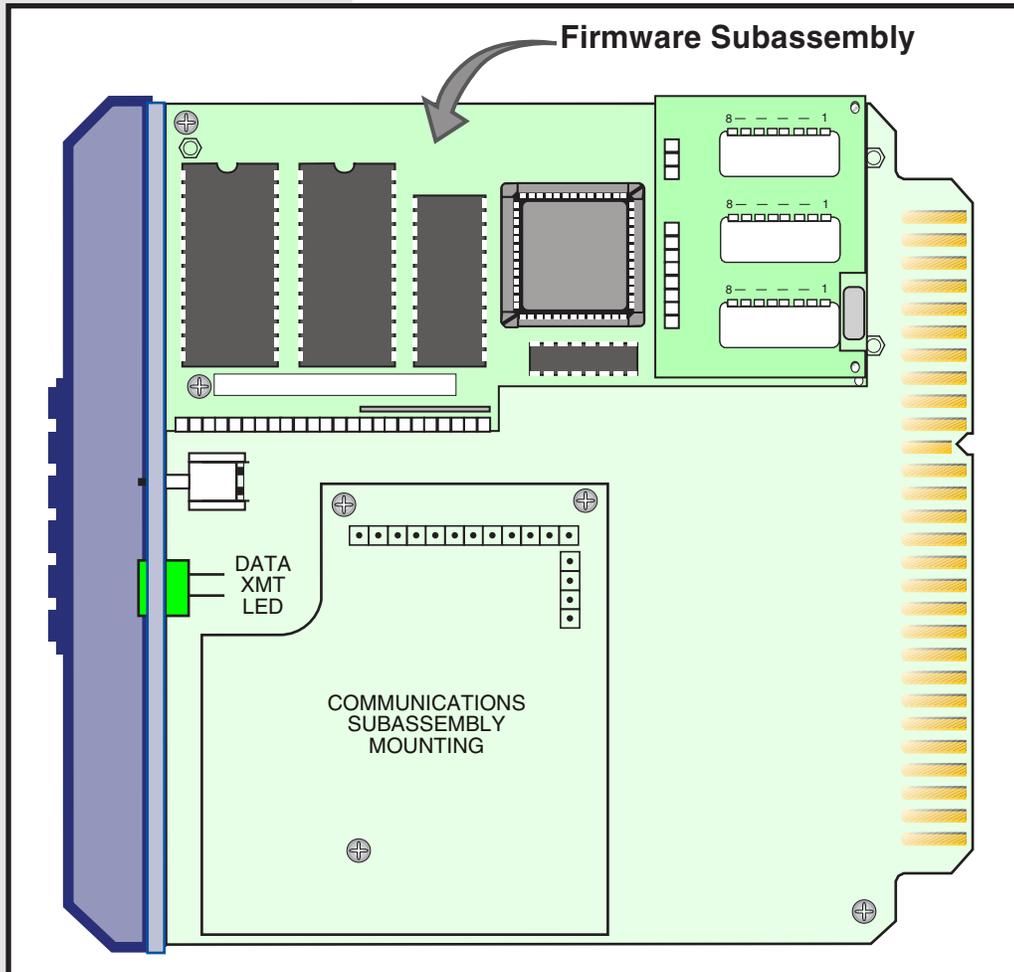
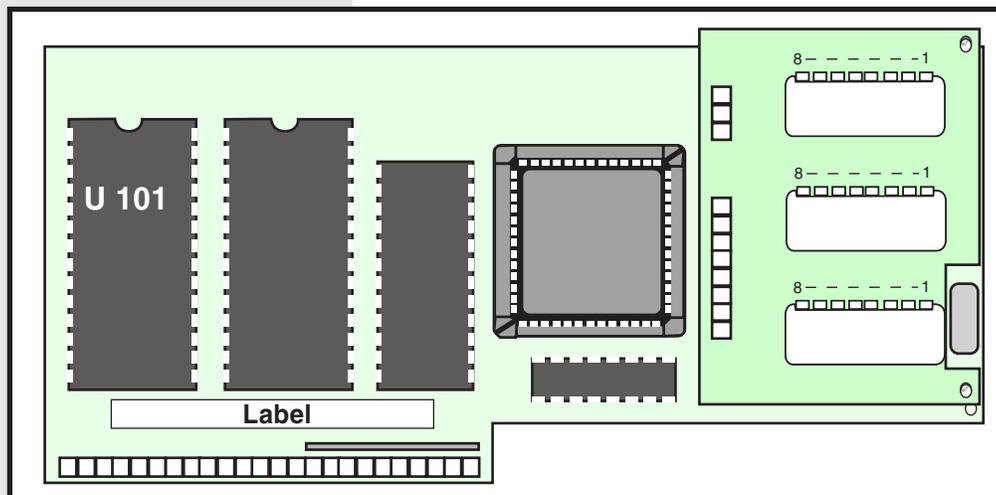


FIG. 2 - MAP EPROM LOCATION



WARRANTY

LIMITED WARRANTY

The Seller warrants that the standard hardware products sold will be free from defects in material and workmanship and perform to the Seller's applicable published specifications for a period of 18 months for hardware, and 3 months for software, from the date of the original invoice. The liability of the Seller hereunder shall be limited to replacing or repairing, at its option, any defective products which are returned F.O.B. to the Seller's plant, (or, at the Seller's option, refunding the purchase price of such products). In no case are products to be returned without first obtaining permission and a customer return authorization number from the Seller. In no event shall the Seller be liable for any consequential or incidental damages.

Equipment or parts which have been subject to abuse, misuse, accident, alteration, neglect, unauthorized repair or installation are not covered by warranty. The Seller shall make the final determination as to the existence and cause of any alleged defect. No warranty is made with respect to custom equipment or products produced to the Buyer's specifications except as specifically stated in writing by the Seller in the contract for such custom equipment.

This warranty is the only warranty made by the Seller with respect to the goods delivered hereunder, and may be modified or amended only by a written instrument signed by a duly authorized officer of the Seller and accepted by the Buyer.

Warranty and remedies on products not manufactured by the Seller are in accordance with warranty of the respective manufacturer. **THE SELLER MAKES NO OTHER WARRANTY OF ANY KIND WHATSOEVER, EXPRESSED OR IMPLIED; AND ALL IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE WHICH EXCEEDS THE AFORESAID OBLIGATIONS IS HEREBY DISCLAIMED BY THE SELLER.**

IN CASE OF DIFFICULTY

If you experience difficulty with this equipment, check the following, as appropriate:

- 1. Switch settings**
- 2. Signal levels**
- 3. Software configuration**
- 4. Connections between Dantel's equipment and your equipment.**

If there is still a problem, substitute equipment that is known to be good. For additional assistance, call Dantel's Technical Field Service Department weekdays, 6 A.M. to 5 P.M. pacific time:

1-800-4DANTEL (1-800-432-6835).

If a thorough checkout shows a piece of equipment has malfunctioned, you may return it to the factory. For repairs and emergency replacements, obtain a Return Material Authorization (RMA) number from the Customer Service Representative at **1-800-4DANTEL (1-800-432-6835)**.

To ensure expedient processing of your order, provide a purchase order number and shipping and billing information when requesting an RMA number. Also, when the units are returned to Dantel, include a description of the failure symptoms for each unit returned. Send defective equipment to:

Dantel, Inc. • 2991 North Argyle Avenue • Fresno, California 93727-1388

