TECNICAL SERVICE DEPARTMENT

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TECHNICAL INFORMATION   **nr. 01/99**

Object: WK2/WK2 Oriental/WK2 Arranger Series

On above mentioned products two communication problems may occur between CPU & Hard Disk and between CPU & Floppy Disk Drive; to solve them, please follow the indications below:

1. Communication problem between CPU board & Hard Disk.

Defect: The Hard Disk is not recognized, the message "UNFORMAT" appears.
Solution: Add on the soldering side of CPU board (761164 or 761178) two 10Kx4 resistors arrays (050493) on CN9 connector pins, and insert a 100nF ceramic cap. on HD Interface Board (731010).
The details of these modifications are shown on attached mounting spec.

2. Communication problem between CPU board and Floppy Disk.

Defect: Operating system cannot be loaded on or can't read files from Floppy Disk.
Solution: Replace the defective F.D.Controller (IC13-100591) on CPU Board (761164 or 761178).
This problem has occurred mainly with LGSemicon type "GM85C765B2" having a production lot "9749" printed on chip plastic surface.

Note: _Both improvements have been implemented by GM on all models of WK2 series, starting from February 1999 (**SER.N- xxxB99xxxx**); the WK2 series models, assembled previously, could be subjected to the mentioned problems, therefore we suggest to apply the above modifications._

Technical Assistance Manager

Luigi Aulozzi