

Honeywell

Honeywell Information Systems Italia

**MODELS AND OPTIONS
OF THE
LCSP-MOS**

71011457-001

SEPTEMBER 1977

COPYRIGHT © 1977, HONEYWELL INFORMATION SYSTEMS ITALIA

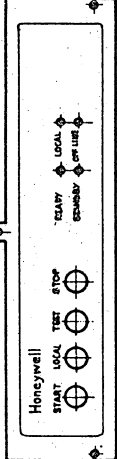
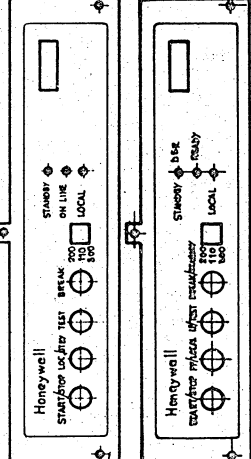
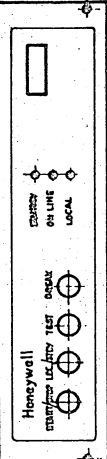
The information contained herein, unless specified otherwise is the exclusive property of Honeywell Information Systems Italia and shall not be disclosed or reproduced in whole or in part without explicit written approval from the company.

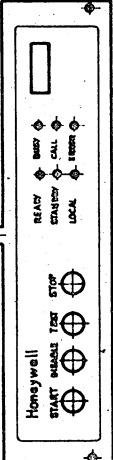
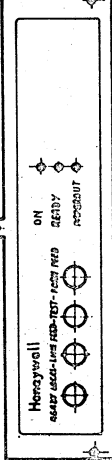
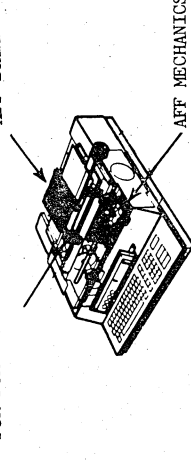
Distribution of this material outside the company may occur only if authorized.

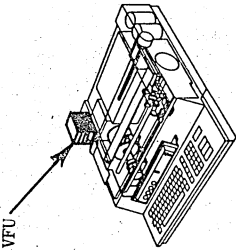
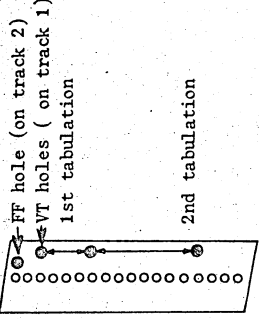
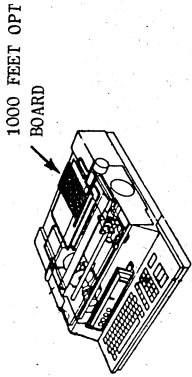
F.E. Headquarters - Via Nuvolone, 44 Milan
Printed in Italy
All Rights Reserved

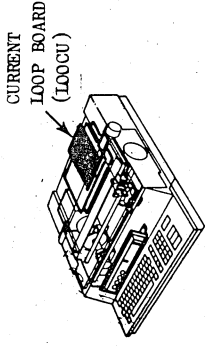
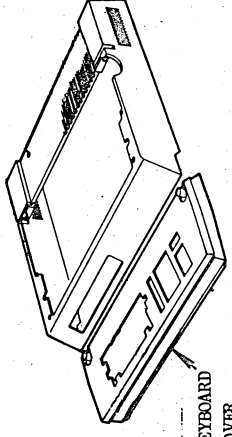
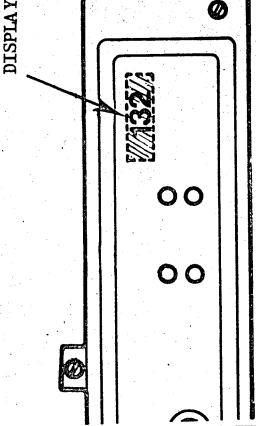
RECORD OF REVISION

DATE	CHANGE N.	NOTES/PAGES AFFECTED	SIGNATURE
Rev.0 9/77		1st Edition (71011457-001)	<i>[Signature]</i>

PHYSICAL IDENTIFICATION	NAME OF MODEL OR OPTION	CORRESPONDING MARKETING IDENTIFIER	BRIEF DESCRIPTION OF THE PRODUCT OR OPTION
	SARA 2 X	TTU 1929 (HISI) TW09104/0106/1001 PRU 1001 (AFFILIATES)	<p>It is an ASYNCHRONOUS terminal, 30 cps, always supplied with the keyboard, which does not accept any option (vertical tabulation, VFU etc.). It may either be directly connected to the system or used as hard-copy of VIP when no special performances or options are needed. The max distance to which it can be connected without modem is 15 meters.</p> <p>This printer can also be used as CONSOLE printer of Level 62 and Level 6 (NHL) where it replaces the previous TTL model.</p> <p>When used as I62 console printer, it may have two speeds: 30 or 120 cps. The installation of this option requests a S/W change (system disk) which is described in an appropriate "Option Change".</p>
	<p>ROSY 24 A</p> <p>ROSY 24 B</p>	TTU 1124 (HISI) TWU 1003, PRU 1003, TTU 1131, TTU 1132, TTU 8124 (AFFILIATES)	<p>It is an ASYNCHRONOUS terminal (TN300 type) which can be connected either directly, both to systems or VIP (as hard-copy), or in remote mode via modem. Its max speed is 30 cps (30/20/10 cps can be chosen through a selector switch). The max distance to which the terminal can be connected directly is 15 meters. For greater distances it is necessary to use the 1000 feet option (see the pertinent description).</p> <p>This terminal can mount many options, i.e.:</p> <ul style="list-style-type: none"> . Automatic Front Feed . Display . Current loop Interface (telegraphic type) . 1000 Feet interface . Vertical Tabulation (LOGIC only or with VFU) . Pedestal <p>As from August 1977, this terminal (ROSY 24A) will undergo an evolution into ROSY 24B and this new model will completely replace the previous one having improved features.</p>
	ROSY 26	TTU 1126 (HISI) TWU1005, PRU 1004/1005, TTU1133/1134/8126 (AFFILIATES)	<p>It is an ASYNCHRONOUS terminal (TN 1200 type) having the same features and options of model ROSY 24 (exception made for the transmission and print speed which for this model is 1200 bauds/120 cps).</p>

PHYSICAL IDENTIFICATION	NAME OF MODEL OR OPTION	CORRESPONDING MARKETING IDENTIFIER	BRIEF DESCRIPTION OF THE PRODUCT OR OPTION
	POLY 21	TTU 1221 (HISI) PRU 1901, TTU1231/8221 (AFFILIATES)	It is a SYNCHRONOUS terminal, 120 cos, which functions with VIP procedure and can be connected in POINT to POINT or MULTIPOINT lines with a transmission speed up to 4800 bauds. It can mount the same options of ROSY model exception made for the Current Loop Interface A and the VFU. Normally it is connected either directly to systems (max distance without 1000 FEET Option = 15 mt) or in remote mode via synchronous modems. It can never be connected as HARD COPY of VIP.
	LINA 21/22/4X	PRU 4021/7022 (HISI) PRU 9112/9114 (AFFILIATES)	It is a printer with parallel interface used as line printer in various systems (chiefly in the very little configurations). According to the model, its speed varies from 60 to 100 lines per minute. The element which distinguishes this model from the previously described ones is the use of a 'CPO' type interface board instead of a CPU one. Furthermore, this model always mounts the VFU option for skips check-out. This printer can never be connected as terminal. Normally it needs a "controller" inserted at Central Hardware level or a "Unit Record Controller" to be able to function as line printer (FN 340 type).
	AFF (Automatic Front Feed)	TTF 0040/41/42 (HISI)	This option allows to print both on normal forms and on single sheets inserted one at a time in two appropriate guides (bank receipts, certificates etc.). It is made up by a mechanical assembly mounted on the base plus a board mounted on the base logic module (made up by DRIVE + CPU). Normally this option is factory pre-installed. Should it be installed in field, because ordered upon the installation of the ICSP, it will be necessary to follow the instructions shown by the Option Change A78117700 which must be shipped together with the option material. The AFF can be mounted on all ICSP MOS exception made for the LINA and SARA 2X models. Some units can have mounted only the AFF board without the mechanical assembly. This is due to the fact that the ICSP POLY 21 have 5 EPR0M chips containing the subsystem firmware plus 1 chip of the character generator. Seeing as though the CPU board has only 5 locations available, the sixth EPR0M chip is installed on the AFF board in a pertinent holder. Now a new board is currently in production, named AFF-D, which is physically identical to the current AFF, but mounts a very limited portion of logic, only act to support the sixth EPR0M of firmware.

PHYSICAL IDENTIFICATION	NAME OF MODEL OR OPTION	CORRESPONDING MARKETING IDENTIFIER	BRIEF DESCRIPTION OF THE PRODUCT OR OPTION
	VFU (Vertical Format Unit) <u>OPTION</u>	TTF 0031 (HISI)	<p>This option allows to memorize the content of a punched tape (LOOP) which is prepared by a customer with two types of information: format of the form (FF) and number of the line spaces to be performed in correspondence of the Vertical Tabulation Command (VT). The max number of programmable VTs is 10.</p> <p>The LOOP is read by an electromechanic group supplied with an housing for the LOOP and with a pushbutton. Set the LCSP in local, press the pushbutton and the LOOP starts to rotate up to the end of the data storing which is signalled by an acoustic sound.</p> <p>The number of sprockets included between the two VT holes represents the number of line spaces which will be performed by the unit whenever a Vertical Tabulation command will be sent.</p> <p>Example:</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="border: 1px solid black; padding: 5px;"> <p>CUSTOMER FORM</p> <p>Rossi Mario</p> <p>Nr.10 item 5a/bis</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>TOTAL</p> </div> <div style="text-align: center;"> <p>LOOP</p>  </div> </div> <p>The Loop is read whenever the unit is switched-off.</p> <p>It is currently under study a new type of VFU without LOOP which memorizes the quantity of line spaces through the setting of some switches.</p> <p>Storing has not to be repeated on this new type of VFU unless the content must be modified.</p> <p>The Option Change which describes the installation of this option in Field is: A 78118239.</p>
	1000 FEET INTERFACE <u>OPTION</u>	TTF 0060 (HISI)	<p>This board is installed upon the standard logic module and is used to amplify the output signals from the ICSP so to allow direct connection up to 300 meters through a special cable available in different lengths.</p> <p>In fact the standard ICSP cannot be connected without modem at a distance greater than 15 meters.</p> <p>The option Change which describes the installation of this option is: I.F.D. (the option will be available starting from OCT/NOV. 1977).</p>

PHYSICAL IDENTIFICATION	NAME OF MODEL OR OPTION	CORRESPONDING MARKETING IDENTIFIER	BRIEF DESCRIPTION OF THE PRODUCT OR OPTION
 <p>CURRENT LOOP BOARD (100CU)</p>	<p>CURRENT LOOP INTER-FACE <u>OPTION</u></p>	<p>TTFO070 (HISI)</p>	<p>This board is installed on the standard logic module and is used to change the interface signals from a logic to a telegraphic type (the signal is detected not for logic variation of a voltage level but through the passage of current into interface dividers). This option can be installed on the SARA and ROSY LCSP models and is used only in special connections of telegraphic type. Seeing as though this option is basic for the implementation of the connection, normally it is installed by the Factory.</p>
 <p>KEYBOARD COVER</p>	<p>KEYBOARD <u>OPTION</u></p>	<p>PKU 0102 to 0110 PKF 0001 to 2106 (HISI)</p>	<p>Normally the keyboard is supplied already fitted on the printer. In case of installation in field, it is necessary to follow the instructions given in Option Change Nr. A78118233 which is shipped together with the keyboard itself. The keyboard is supplied in three basic types: - NFL, characterized by the ATTENTION/EXECUTE/CANCEL keys - TTY/NML, similar to the one installed on the TN300 - VIP, used only on the POLY model, is identical to those used on the VIPs. The keyboard can be mounted on all LCSP models exception made for "LINA".</p>
 <p>DISPLAY</p>	<p>DISPLAY</p>	<p>TTFO050 (HISI)</p>	<p>This is a normal display which shows the position of the print head and is used on the ROSY and POLY models. When the AFF option is mounted and printing is carried out on a single sheet, the display goes to zero and shows the position of the head on this sheet. In case of installation in field, follow the instructions given in Option Change A78118235 which is shipped together with the material kit.</p>