

Honeywell



LEVEL 6

HARDWARE

DKU9103/9104
CRT KEYBOARD
CONSOLE
INSTALLATION
PROCEDURE

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DKU9103 and DKU9104
CRT KEYBOARD CONSOLE
INSTALLATION PROCEDURE
(Interim)

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INTRODUCTION

The purpose of this manual is to supplement the Level 6 Model 3X, 4X, and 5X System Installation Manual (Order No. CB68) by providing the necessary procedures for the installation of the CRT Console Types DKU9103 and DKU9104.



II INSTALLATION

2.1 INSTALLATION PROCEDURE

To install the CRT keyboard console, perform the following procedure.

WARNING

To avoid bodily injury, all ac power cords to the system must be disconnected.

1. Ensure that POWER switch on system control panel is in off position (DC ON indicator must be extinguished) and that all ac power cords to system are disconnected.
2. Ensure that console POWER ON/OFF switch, located on the back of the console, is in the OFF position.

WARNING

To avoid bodily injury, ensure that the console's ac power cord is disconnected before removing the cover.

3. Remove the two screws and flat washers from extreme upper right and left corners on back of console (see Figure 2-1).
4. Grasping cover on each side, lift back edge enough to disengage front lip from base; pull cover forward approximately 2 inches. Then, reach inside and unplug front panel wiring harness from connector P13 on console logic PWA. Cover can now be completely removed from the console.
5. Within console, locate the three option DIP switches at locations B04, K15, and M14 on PWA 60130730 or K10, J16, and L06 on PWA 60130702 (see Figure 2-2). Using a pencil, set the three option DIP switches as follows:
 - a. Set switches 1 through 8 at PWA location M14/L06 as follows:

POSITION	OFF	ON	FUNCTION SELECTED
1	X		Not applicable
2	X		Not applicable
3	X		Not applicable
4	X		Inhibit blink
5	X		Not applicable
6	X		Not applicable
7		X	8-Bit ASCII Code
8		X	Enable alarm

- b. Set switches 1 through 8 at PWA location B04/K10 as follows:

POSITION	OFF	ON	FUNCTION SELECTED
1		X	End-of-Message Select
2	X		Inhibit Rate Select
3		X	End-of-Message Select
4	X	*	EIA
5		X	End-of-Message Select
6	X		Even Parity
7		X	End-of-Message Select
8		X	Enable Parity

*Current loop position.

- c. Set switches 1 through 8 at PWA location K15/J16 as follows:

POSITION	OFF	ON	FUNCTION SELECTED
1	X		60 Hz
2		X	60 mA
3		X	60 Hz
4	X	*	EIA
5		X	60 Hz
6	*	X	EIA
7	X		60 Hz
8	**	***	Upper/Lowcase

*Current loop position.

**Upper/Lowcase - all DKU9104

***Uppercase - all DKU9103

6. Replace cover on console by reversing procedure outlined in steps 3 and 4 above.

7. Set switches on back of console to following positions:

- a. Set STOP BITS to 1
- b. Set LOCAL COPY/ECHO to ECHO
- c. RATE SELECT (not applicable in United States)
- d. Set DUPLEX HALF/FULL to FULL
- e. Set ROLL/NON-ROLL to ROLL.

8. The BAUD RATE switch located on the back panel of the CRT cabinet (see Figure 2-1) and the hexadecimal rotary switch in position B02 on console Device-Pac (BD2CSL), located on the MDC board in the rack-mounted chassis, must be set to the same baud rate as follows:

BAUD RATE (K)	CONSOLE SETTING	DEVICE-PAC (BD2CSL) SWITCH SETTING
1200*	9*	00*
2400	11	10
4800	13	01
9600	15	11

*Most probable setting.

9. Set switches on front of the console (see Figure 2-3) to following positions:
- a. Set CHARACTER/BUFFER to CHARACTER
 - b. LINE/PAGE (not applicable)
 - c. Set ON LINE/LOCAL to ON LINE.
10. Connect keyboard ribbon cable (69129864) to J3 on back of console (see Figure 2-1).

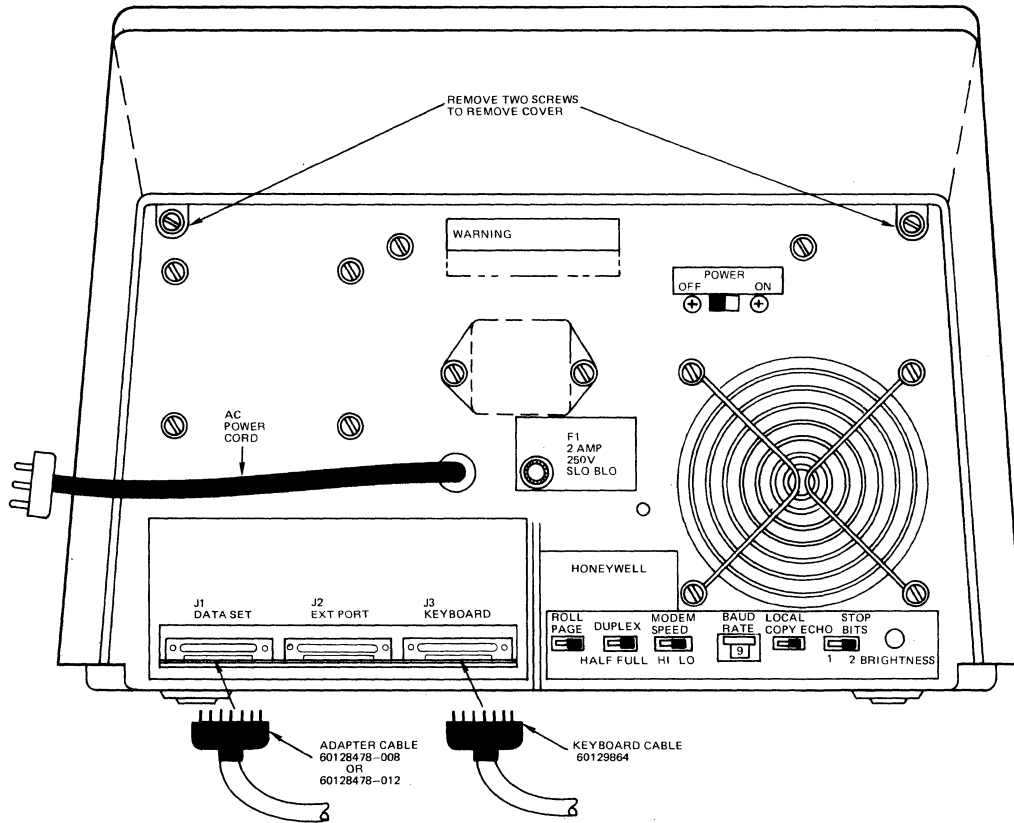


Figure 2-1 DKU9103/9104 Console (Rear View)

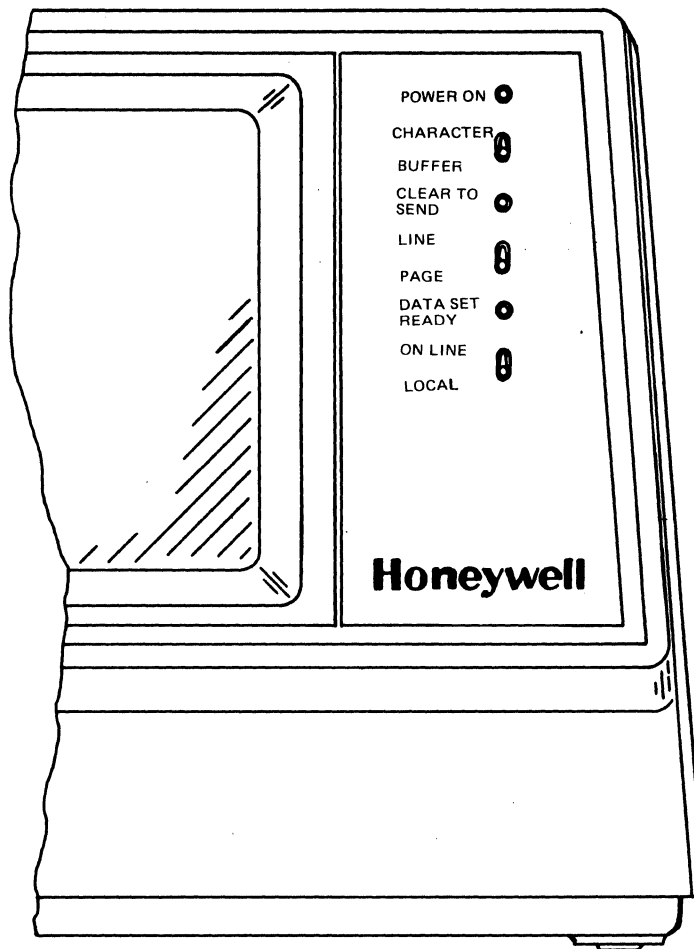
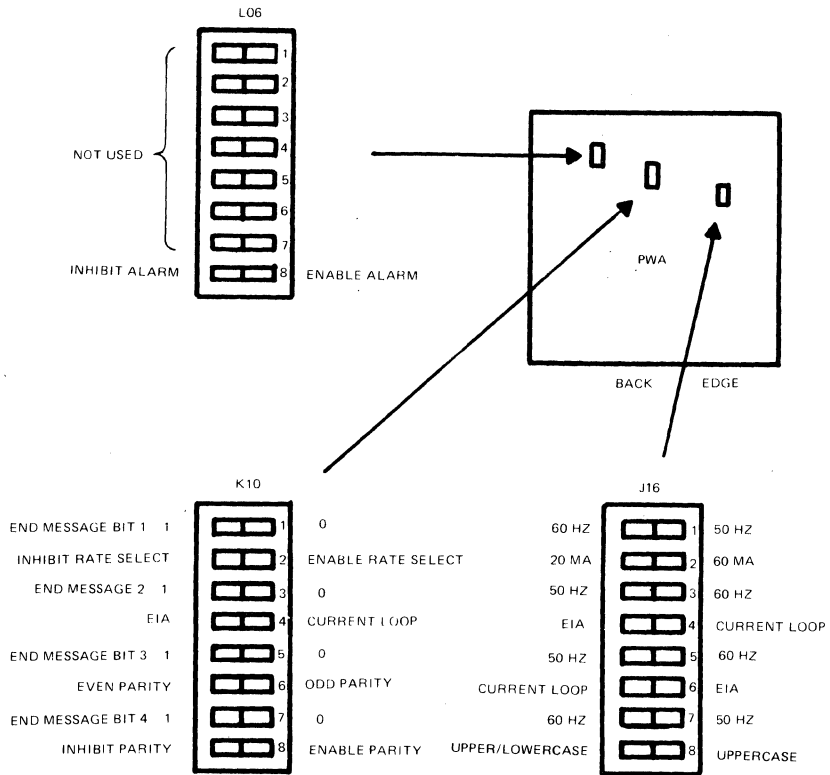


Figure 2-3 DKU9103/DKU9104 Console Front Panel Controls and Indicators

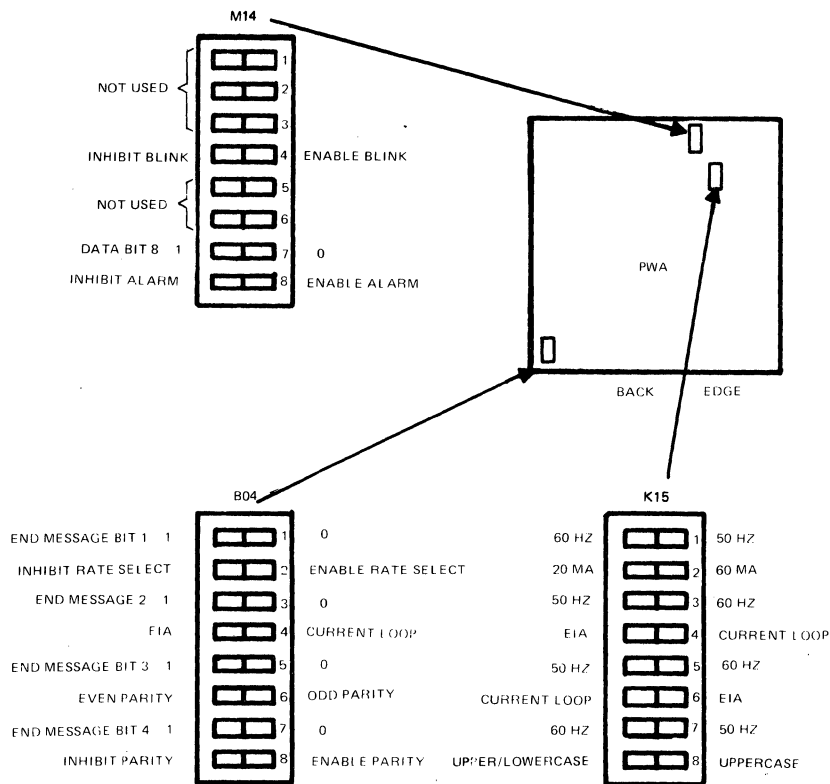
11. Locate console adapter cable (60128478-008, 26 feet or 60128478-012, 50 feet) rolled up at rear of system cabinet and plug it into J1 (DATA SET) at back of console (see Figure 2-1).

NOTES

- If the current loop interface is required, use cable number 60132362.
- If the cable (60128478 or 60132362) has not been installed (i.e., connected to the Device-Pac, BD2CSL) at the factory, refer to Section VI of the Model 3X, 4X, and 5X System Installation Manual (Order No. CB68) for cable installation procedures.



a. PWA 60130705



b. PWA 60130734

Figure 2-2 DKU9103/DKU9104 Internal Switches

12. Locate console's ac power cord (see Figure 2-1). If possible, plug ac power cord into PDU within system cabinet, thereby placing console under control of system control panel ON/OFF switch. Otherwise, plug ac power cord into a standard 110-Fac service receptacle.
13. Ensure that all system component power switches are in off position and reconnect all system ac power cords to power source.

2.2 POWER UP AND TEST AND VERIFICATION

Power-up procedures for the DKU9103/DKU9104 keyboard console are found in the Level 6 System and Peripherals Operator's Manual (Order No. AT04). The test and verification (T&V) program for the DKU9103/DKU9104 keyboard console is found in the Level 6 Model 3X, 4X, and 5X T&V Operator's Guide (Order No. AW94).



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