

AUB26 (RT) ALARM DISPLAY UNIT - 5SCSA00BXX

DATA SHEET

SLC[®] SERIES 5 CARRIER SYSTEM

The AUB26 ADU (alarm display unit) (COMCODE 103841227) is used in the SLC Series 5 RT (remote terminal). It is used with the MC97726A1 and MC87756A1 BCUs (bank control units). Together, the AUB26 ADU and BCU form the bank controller for the SLC Series 5 RT. The bank (system) controller handles:

- Internal performance monitoring and fault diagnosis.
- Per line demand testing via the XTC (eXtended Test Controller) or the PGTC (Pair Gain Test Controller).
- Craft inputs for system options.
- Craft inputs for channel unit option settings via the CIU (craft interface unit).
- T1 line protection switching.

This practice is reissued to delete the incorrect reference to Mode 96 in the first paragraph.

TABLE A lists the switch settings for the DIP switch located on the AUB26. Figure 1 is a functional block diagram of the unit and Figure 2 shows the unit components and faceplate.

The AUB26 provides a serial data link interface to the other plug-ins in the bank. The bank controller uses this serial link to control the plug-ins and the indicator lights on the plug-ins. The AUB26 also has inputs to detect failures in the RT common equipment (such as the ringing generators, the rectifiers, the battery chargers, and the AC power plant) and miscellaneous building alarms. The AUB26 also has a UART (universal asynchronous receiver and transmitter) as the communication interface for the CIU.

FAIL (Red LED): When lighted, this LED indicates that a failure has been sectionalized to this AUB26 ADU.

Note: When a system is being turned up, a FAIL indicator may not indicate failure of the unit. See AT&T 363-205-406 (TOP).

MJ (Red LED): When lighted, this LED indicates that this 96-line system has an active MAJOR alarm. A MAJOR alarm means that at least one 24-channel digroup is out of service.

MN (Yellow LED): When lighted, this LED indicates that this 96-line bank has an active MINOR alarm. A MINOR alarm means that no digroups are currently out of service, although a subsequent failure may cause an outage if the MINOR alarm condition is not corrected.

FE (Yellow LED): When lighted, this LED indicates that the failure has been sectionalized to the far end (COT).

NE (Yellow LED): When lighted, this LED indicates that the failure has been sectionalized to the near end (RT).

LED TEST: While pushed, this faceplate-mounted switch causes all indicators under control of the bank controller to light. This includes all indicators on the ADU, BCU, TRU (transmit/receive unit), LSU (line switching unit), LIU (line interface unit), and CTU (channel test unit). Indicators on the PCU (power converter units), CU (channel units), rectifiers, battery chargers, and ringing generators are not affected by the LED TEST pushbutton switch.

PROT. LINE (Position 1): When depressed toward PL, enables the protection line switching option. When depressed toward NPL, disables protection line switching.

32/64 (Position 2): When depressed toward 32, options the bank for 32kb/s LBRV (low bit rate voice) operation. When depressed toward 64, options the bank for normal 64kb/s μ -law PCM operation.

AB PRESERVICE/INSERVICE (Position 3): When depressed toward ABP, puts the AB shelf in the preservice state. When depressed toward ABI, puts the AB shelf in the inservice state.

CD PRESERVICE/INSERVICE (Position 4): When depressed toward CDP, puts the CD shelf in the preservice state. When depressed toward CDI, puts the CD shelf in the inservice state.

AB EQUIPPED/UNEQUIPPED (Position 5): When depressed toward ABE, marks the AB shelf as equipped with its common plug-ins. When depressed toward ABU, marks the AB shelf as unequipped.

CD EQUIPPED/UNEQUIPPED (Position 6): When depressed toward CDE, marks the CD shelf as equipped with its common plug-ins. When depressed toward CDU, marks the CD shelf as unequipped.

RTMISC1 MJ/MN (Position 7): When depressed toward 1MJ, associates the RTMISC1 closure with a MAJOR alarm. When depressed toward 1MN, associates it with a MINOR alarm.

RTMISC2 MJ/MN (Position 8): When depressed toward 2MJ, associates the RTMISC2 closure with a MAJOR alarm. When depressed toward 2MN, associates it with a MINOR alarm.

D4 (Position 9): This switch should always be set to D4 — it signals the bank controller that the D4 channel counting sequence is necessary.

TABLE A AUB26 SWITCH SETTINGS		
FUNCTION	SWITCH POSITION	FUNCTION
NO PROTECTION LINE	1	PROTECTION LINE
32 kb/s (LBRV)	2	64 kb/s
AB IN-SERVICE	3	AB PRE-SERVICE
CD IN-SERVICE	4	CD PRE-SERVICE
AB EQUIPPED	5	AB UNEQUIPPED
CD EQUIPPED	6	CD UNEQUIPPED
MJ Alarm for RTMISC1 (1MJ)	7	MN Alarm for RTMISC1 (1MN)
MJ Alarm for RTMISC2 (2MJ)	8	MN Alarm for RTMISC2 (2MN)
—	9*	D4
NOT USED	10	NOT USED

* Always set switch position 9 to D4.

Technical assistance for the SLC Series 5 Carrier System can be obtained by calling the Regional Technical Assistance Center at 1-800-225-RTAC. This telephone number is staffed 24 hours per day.

Published by
The AT&T Documentation Management Organization.

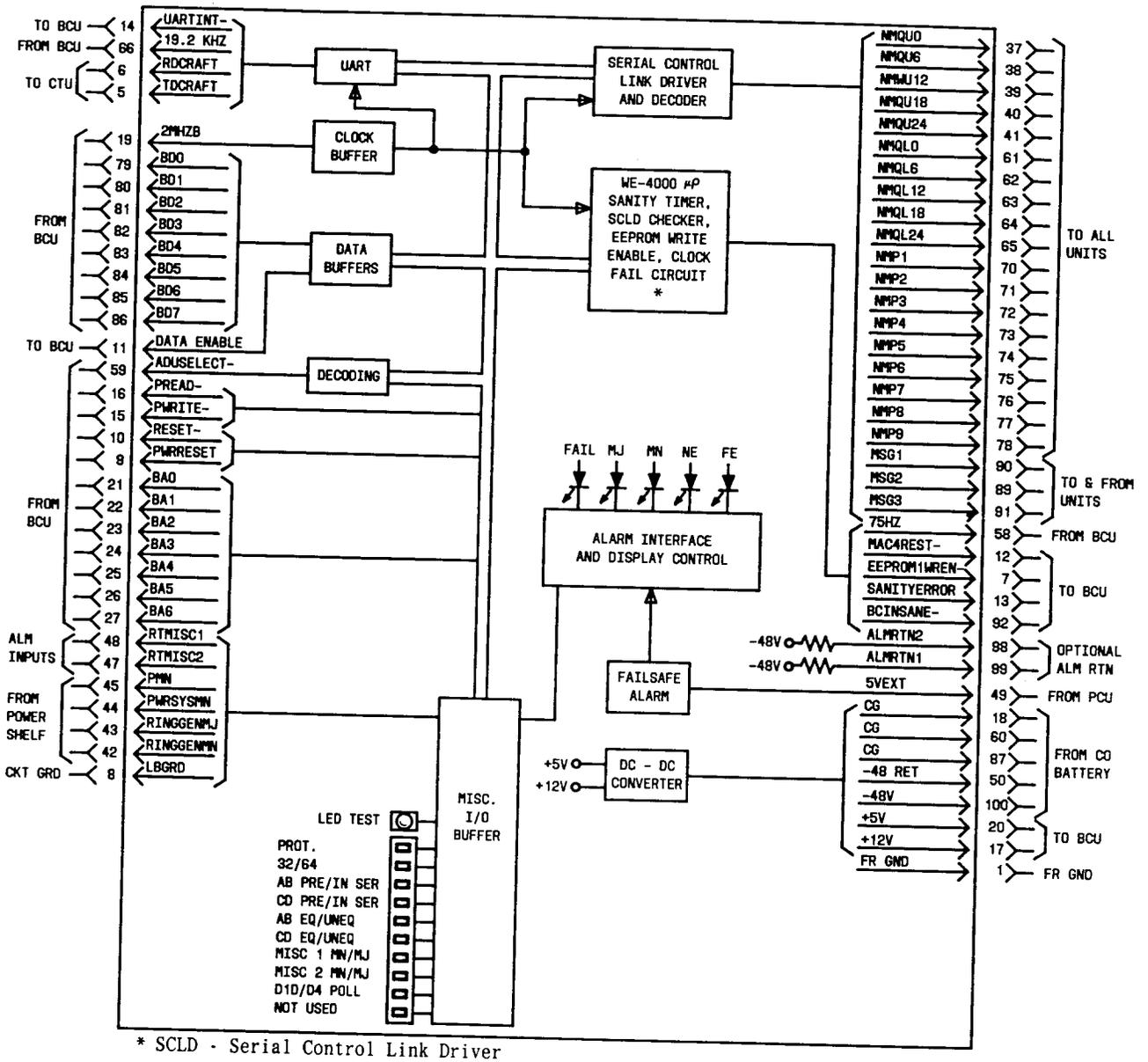
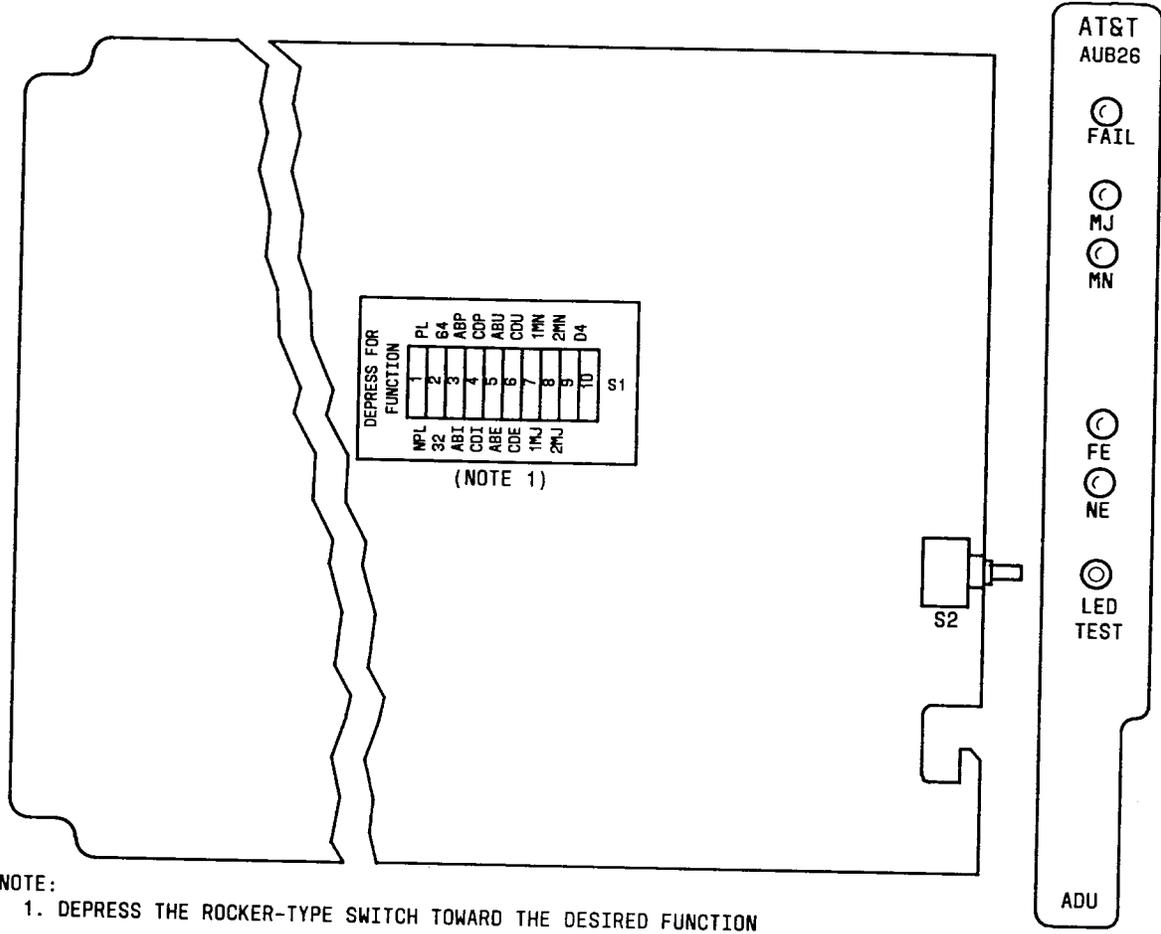


Figure 1—AUB26 block diagram



NOTE:
 1. DEPRESS THE ROCKER-TYPE SWITCH TOWARD THE DESIRED FUNCTION

Figure 2—AUB26 components and faceplate