EK-KCRSC-UG-002

Remote Services Console

User Guide

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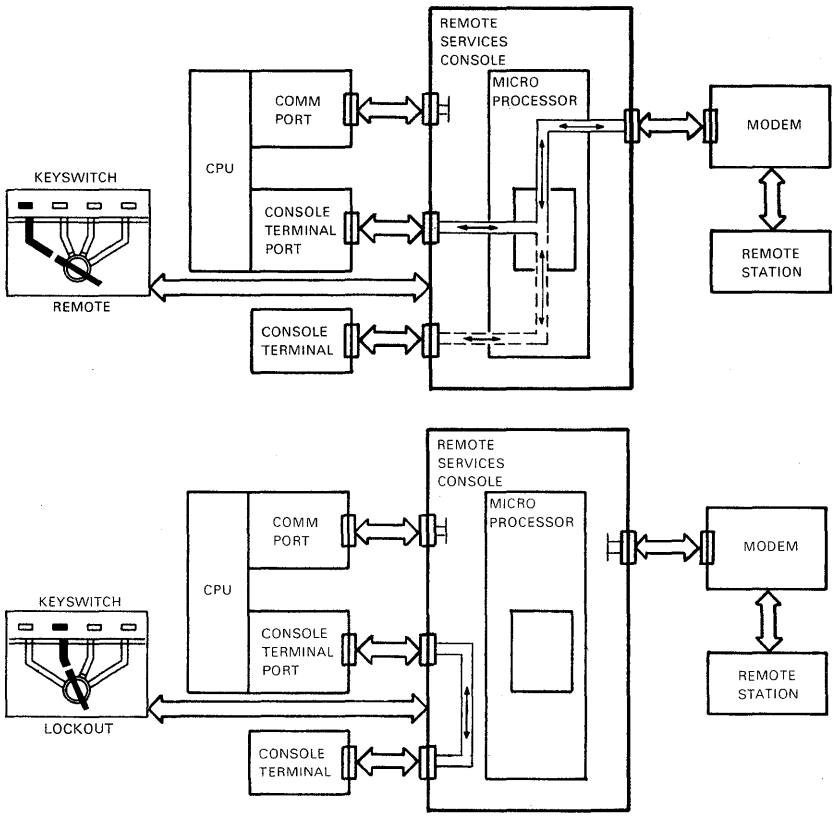
LOGICAL DATA PATHS FOR EACH KEYSWITCH POSITION



KEYSWITCH POSITION	INDICATOR	FUNCTION
• REMOTE	Blinks until RSC makes a logical connection to the remote station, then it stays on.	Remote station is logically connected as console terminal. DDCMP protocol is enabled to ensure data integrity. The comm port is logically disconnected.
• REMOTE USER	Blinks until RSC makes a logical connection to the remote station, then it stays on.	Remote station can access comm port with protocol. Console terminal operation is normal.
• USER PORT	Shows that keyswitch is in USER PORT position.	RSC is transparent. Console terminal operation is normal. Comm port and modem operation are normal (no protocol).
• LOCKOUT	Shows that keyswitch is in LOCKOUT position.	No remote access through RSC modem port. Console terminal operation is normal.

RSC OPERATION NOTES

- The key can be removed from the RSC keyswitch when it is set to LOCKOUT or USER PORT.
- The CPU LOCAL/REMOTE switch must be set to LOCAL or LOCAL DISABLE (not a remote position) for RSC operation.
- The CPU will not boot if the RSC keyswitch is set to REMOTE. The console terminal is disabled.
- The LOCAL COPY indicator comes on only when the RSC keyswitch is set to REMOTE because the local copy logic is not functional in the other keyswitch positions.
- If the lockout logic fails, the LOCKOUT indicator will not come on and RSC will default to USER PORT mode.
- To bypass a faulty RSC unit, unplug console terminal cables from A1 and A2 and patch them together. The B1/B2 cables can be patched to connect the comm port to the modem.
- For VAX/PC38N – If, after the remote station connection is established, the operator disables the console remote port, all efforts made at the console keyboard to re-enable the port and re-establish the logical connection again will be unsuccessful. Both the telephone connection and modem operation will appear to be normal. The remote station must break, then re-make the connection after the console remote port has been re-enabled.

REMOTE SERVICES CONSOLE USER GUIDE

OPERATION

1. Make sure RSC Data Rate Switches are set correctly.

2. Set RSC keyswitch to select mode of operation.

3. Check the RSC indicators -

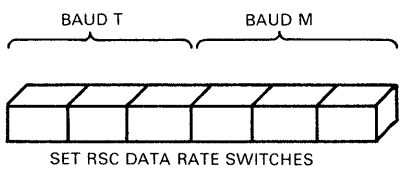
   - POWER - on
   - FAULT - off
   - KEYSWITCH position indicator - on
   - LOCAL COPY - on if the RSC keyswitch is set to remote and the LOCAL COPY switch is latched in.

4. For VAX/PC38N or VAX Cluster - You may have to connect and/or enable a hardcopy terminal if you want to use LOCAL COPY.

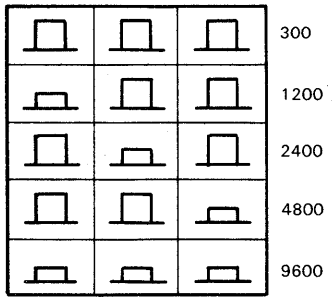
5. For VAX Cluster - You will have to change the Z Box (VCS Disable) switch setting to disconnect the target CPU from the cluster and enable a hardcopy terminal.

TO SET DATA RATE SWITCHES

RSC must operate at the same data rate as the console terminal and modem that are connected to it. The BAUD T and BAUD M switch settings determine the data rates of those RSC interfaces.



SET RSC DATA RATE SWITCHES TO THE SAME DATA RATE AS THE CONSOLE TERMINAL (BAUD T) AND THE MODEM (BAUD M).



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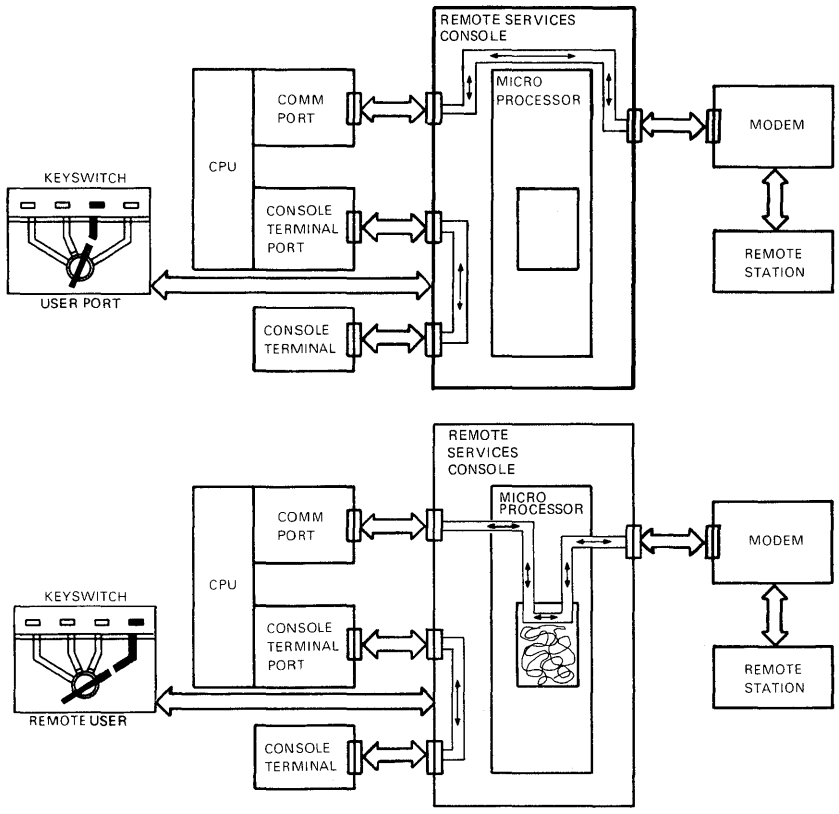

THE OTHER SWITCHES AND INDICATORS

SWITCH	INDICATOR	FUNCTION
LOCAL COPY SWITCH	Shows that keyswitch is set to REMOTE and local copy switch is ON.	Forces local console terminal to print a record of remote console terminal I/O activity.
DATA RATE SWITCHES (BAUD T AND BAUD M)	No indicator	These switches set RSC interfaces to same data rates as local console terminal and modem.
No power switch	POWER - Green	Shows that ac power is on.
-	FAULT - Red	Shows RSC fault if on after one second self-test at power-up.

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