Model 703/709
Quick Reference Card

TEXAS
INSTRUMENTS

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PAPER LOADING

1. Turn POWER switch on.
2. Open paper compartment cover.
3. Unload remaining paper.
4. Feed paper from bottom of roll, under guide pins, and under O-rings.
5. Press PAPER ADV key to feed paper even with top of printhead.
6. Close paper compartment cover.

PENCIL SWITCH SETTINGS

PARITY

Pencil Switch Settings*

	Switch 1	Switch 2	Switch 3
Even	Off	Off	N/A
Odd	On	Off	N/A
Space	Off	On	N/A
Mark	On	On	N/A

* Switch 4 has no function at this time.

DEFAULT PRINT CONFIGURATION

Pencil Switch Settings*

	Switch 1	Switch 2	Switch 3
80 Column	N/A	N/A	Off
132 Column	N/A	N/A	On

* Switch 4 has no function at this time.

CHANGING PRINT CONFIGURATION

Press and hold CTRL and SHIFT, press RTN.

POWER-UP TEST SEQUENCE

1. Turn POWER switch on (to 1 position).
2. All indicator lights on.
3. CMD and LINE RDY indicators go out.
4. Printhead finds left margin.
5. Model number is printed.
6. Short (beep) tone indicates successful test.
7. Printhead returns to left margin, paper advances one line.

ENTERING COMMAND MODE

1. Set switch to online or offline mode:
2. Press CMD key.
   a. CMD light is lit
   b. Paper advances one line
   c. Printhead goes to left margin
   d. "?" is printed
3. Enter valid command mnemonic.

VALID COMMANDS

Mnemonic	Command Name	Description
T	Test	Performs barberpole (printer) test.
D (709 only)	Dial	Allows phone dialing from the keyboard.
A (709 only)	Answer	Allows data communication after voice communication is established.
O (709 only)	Originate	Establishes data communication after dialing the telephone.

EXITING COMMAND MODE

Press ESC to terminate Test and Dial commands and exit command mode.

SPECIAL KEYS

CMD	Enter command mode.
CTRL	Press and hold, while pressing another key, to transmit special characters.
HERE IS	Transmits the contents of the ABM.
BREAK	Transmits a one-quarter second (minimum) space.
DELETE	Transmits the ASCII DEL control character.
BELL	Transmits the ASCII BEL control character.
BACK SPACE	Transmits the ASCII BS control character.
ESC	Transmits an escape character. Terminates the command mode.

*LINE FEED	Transmits a line feed character. Advances paper with local copy or echo-plex.
RTN	Transmits the ASCII CR control character. Moves printhead left with local copy or echo-plex.
**PAPER ADV	Advances paper locally.

CONTROL CHARACTERS

The terminal transmits each ASCII control character when the CTRL key and proper character key are pressed.
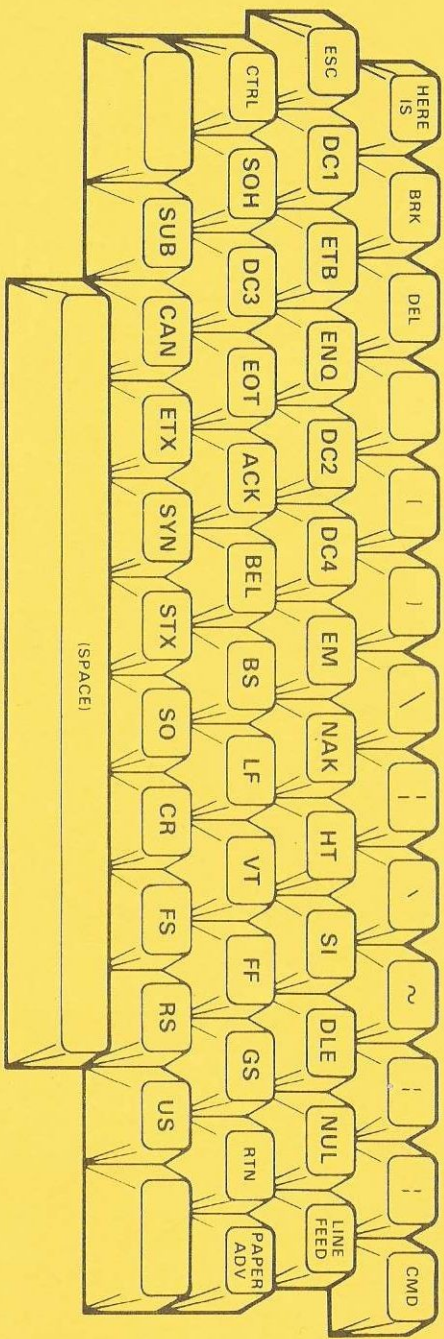
STATUS LIGHTS

PWR	On — Power to terminal is on.
	Off — Power to terminal is off. On 709 w/battery pack, battery shutdown has occurred.
	Flashing — On 709 w/battery pack, battery charge is low.
CMD	On — Terminal is in command mode.
	Off — Terminal is not in command mode.
	Flashing — Terminal is waiting to go into the command mode.
LINE RDY	On — Terminal is online with another device.
	Off — Terminal is not connected to another device.
	Flashing — Originating a call, answering a call, or in command mode and connected to the line.

AUDIBLE TONES

Signal	Cause
Short tone	1. ASCII BEL character received.
	2. Command mode entered.
	3. Power-up test complete.
Long tone	1. An error is detected:
	a. Receive buffer overflow error
	b. Keyboard buffer overflow error
	2. Invalid keyboard entry

*For some countries this function is performed by CTRL J.

**For some countries this function is performed by CTRL 4.

A.

U.S. CONTROL CHARACTERS

ESC CTRL SOH DC1 HERE IS

SUB DC3 ETB BRK

CAN EOT ENQ DEL

ETX ACK DC2

SYN BEL DC4

STX BS EM

SO LF NAK

CR VT HT

FS FF SI

RS GS DLE

US RTN NUL

(SPACE)

LINE FEED

PAPER ADV

CMD