TT-VT100DB Quick Guide

QUICK GUIDE FOR 5ESS MCC / ROP SWITCH ACCESS TERMINALS

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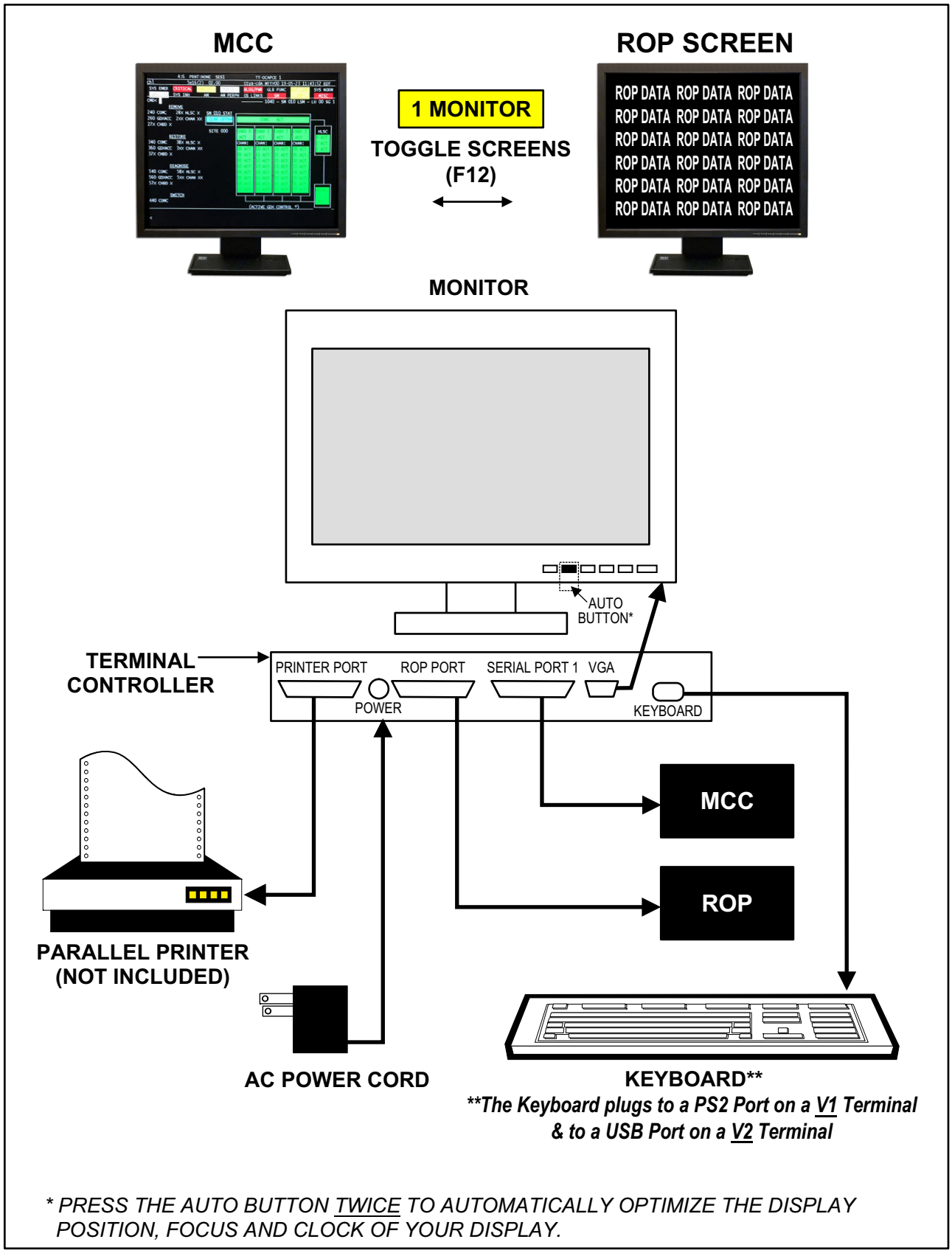
5ESS SWITCH ACCESS TERMINAL CONFIGURATION

FIGURE 1



** PRESS THE AUTO BUTTON TWICE TO AUTOMATICALLY OPTIMIZE THE DISPLAY POSITION, FOCUS AND CLOCK OF YOUR DISPLAY.*

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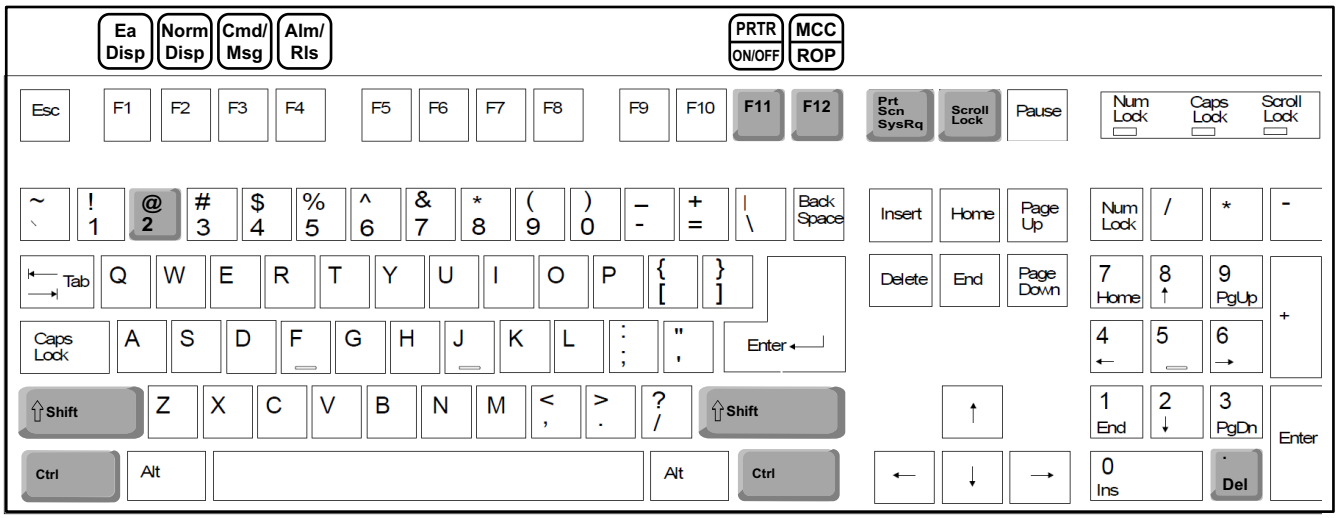
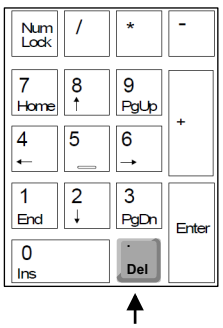
TERMINAL COMMAND KEYS

FIGURE 2



AUTOMATIC BAUD RATE SELECTION (AUTO-BAUD)	Press **Ctrl + 2** *(using the TOP Number Key)* Ctrl + @ 2 *(see pg. 10 for Auto-Baud Notes & Tips)*
TOGGLE BETWEEN PRINTER ON AND OFF	Press **F11** *("**ON**" sends new data within the MCC scroll region directly to the printer)* F11
TOGGLE BETWEEN MCC SCREEN AND ROP SCREEN	Press **F12** F12
TOGGLE BETWEEN ROP HOLD AND SCROLLING	Press **Scroll Lock** *(puts the ROP screen on hold)* When on hold, Press Scroll Lock again to return to page 1 and restart scrolling *(data is always captured whether on hold or not)* Scroll Lock
PRINT SCREEN **(PRINTS THE MCC SCREEN ONLY)**	Press **Prt Scn** Prt Scn SysRq **OR** Press **Ctrl + Shift + •** *(Decimal on the Number Pad)* Ctrl + Shift + 

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GENERAL SETTINGS NOTE

Terminals are supplied pre-configured for your 5ESS switch. Some local settings may need to be adjusted. Example: Baud Rate, Function Keys etc.

The following pages show how to make adjustments to the terminal when required.

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MANUAL TERMINAL SETUP

FIGURE 3

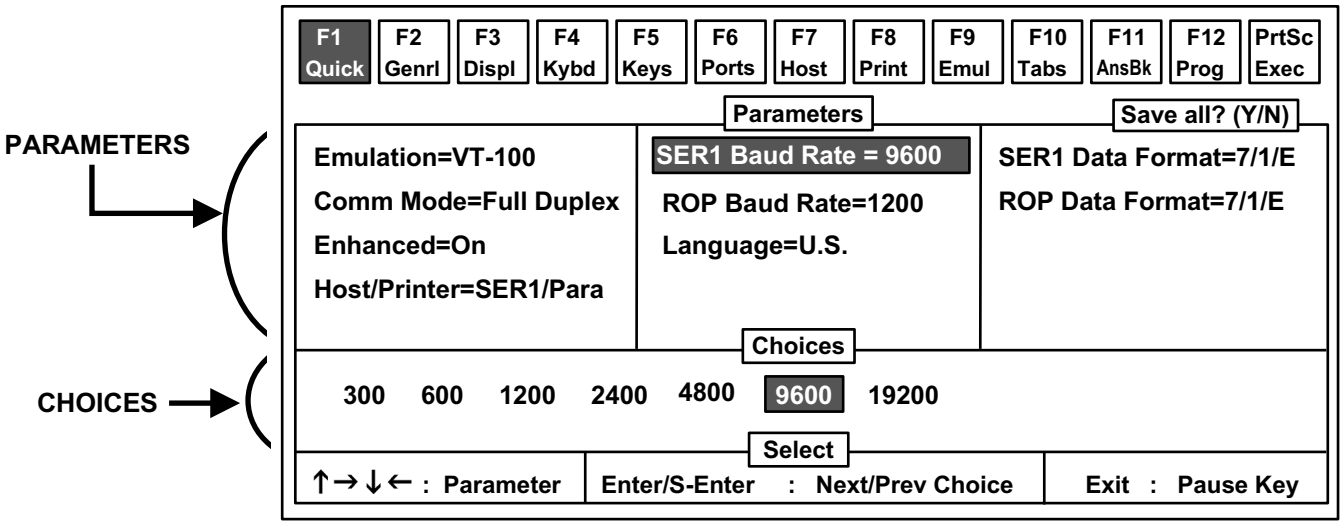
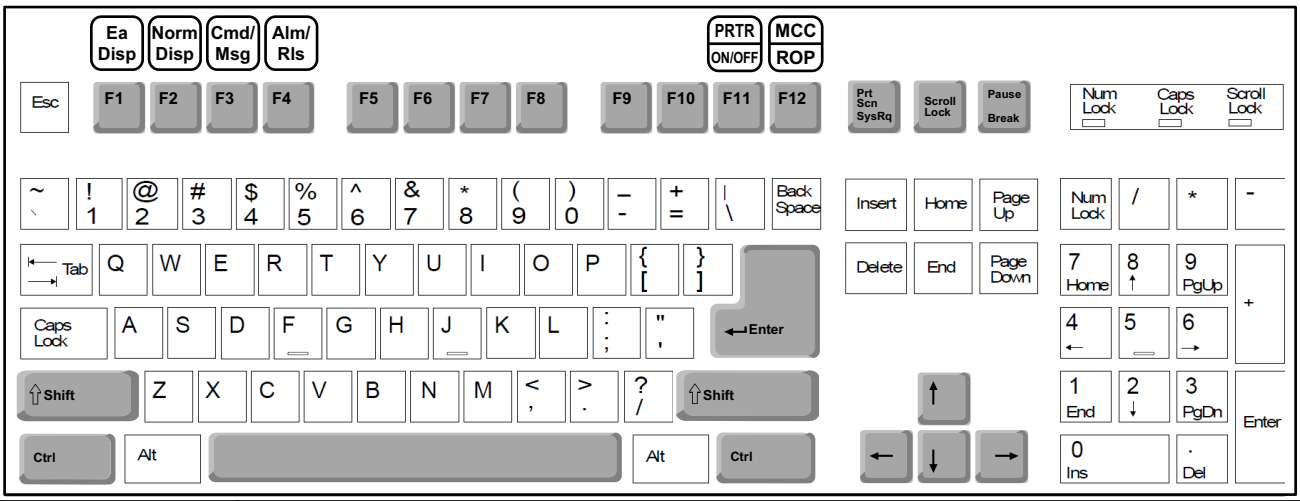


FIGURE 4



ENTER SETUP SCREEN	Press **Ctrl + Scroll Lock**
SELECT MENU	Press **F1** - **Prt Scn** *(see pg. 8 for 5ESS Default Settings)*
NAVIGATE PARAMETERS	Press the **Arrow Keys**
NAVIGATE CHOICES	Press **Enter** or **Spacebar** (moves forward)
	Press **Shift + Enter** (moves backward)
EXIT SETUP SCREEN	Press the **Pause Key** (when prompted to "Save all", press **Y** key to **Save** or **N** key to **discard**)

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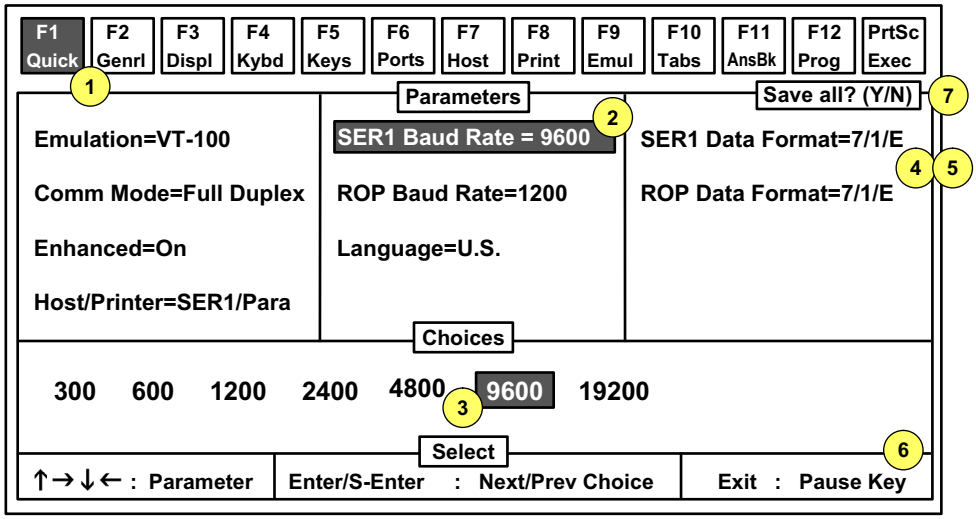
CHANGING THE SERIAL PORT SETTINGS

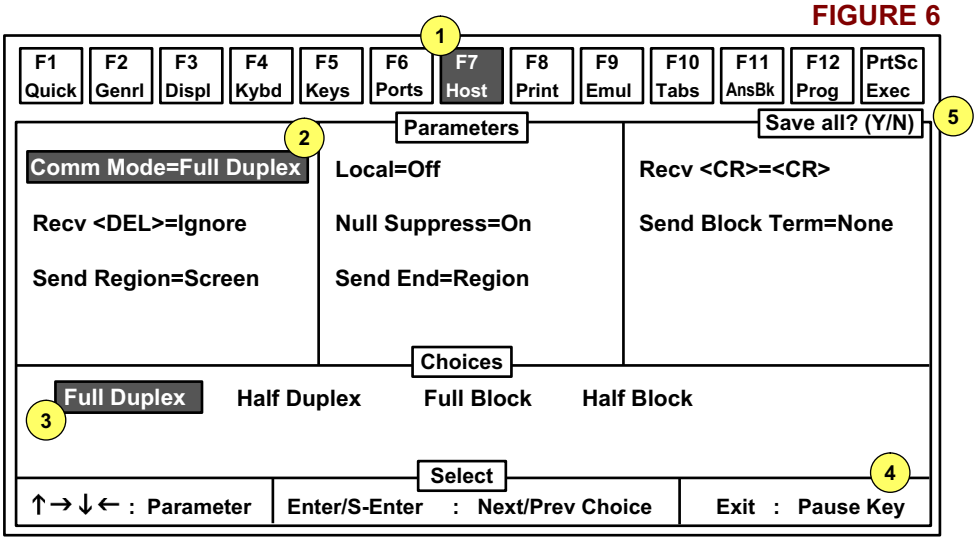
FIGURE 5



1. Press the **F1** button
2. Use the **Arrow Keys** to move to **SER1 Baud Rate (SER1 = Serial Port 1)**
3. Press **Enter** or **Spacebar** until the correct **Choice** is highlighted (9600 for 5ESS MCC)
4. Use the **Arrow Keys** to move over to **SER1 Data Format**
5. Press **Enter** or **Spacebar** until the correct **Choice** is highlighted (7/1/E for 5ESS MCC)
6. When finished, press the **Pause Key** at the top right of the keyboard
7. When prompted with "**Save all?**", click **Y** to save the new **Parameters**

CHANGING THE HOST SETTINGS

FIGURE 6



1. Press the **F7** button
2. Use the **Arrow Keys** to move over to **Comm Mode**
3. Press **Enter** or **Spacebar** until the correct **Choice** is highlighted (Full Duplex for 5ESS)
   Note: The common setting for 5ESS is either Full Duplex or Full Block
4. When finished, press the **Pause Key** at the top right of the keyboard
5. When prompted with "**Save all?**", click **Y** to save the new **Parameters**

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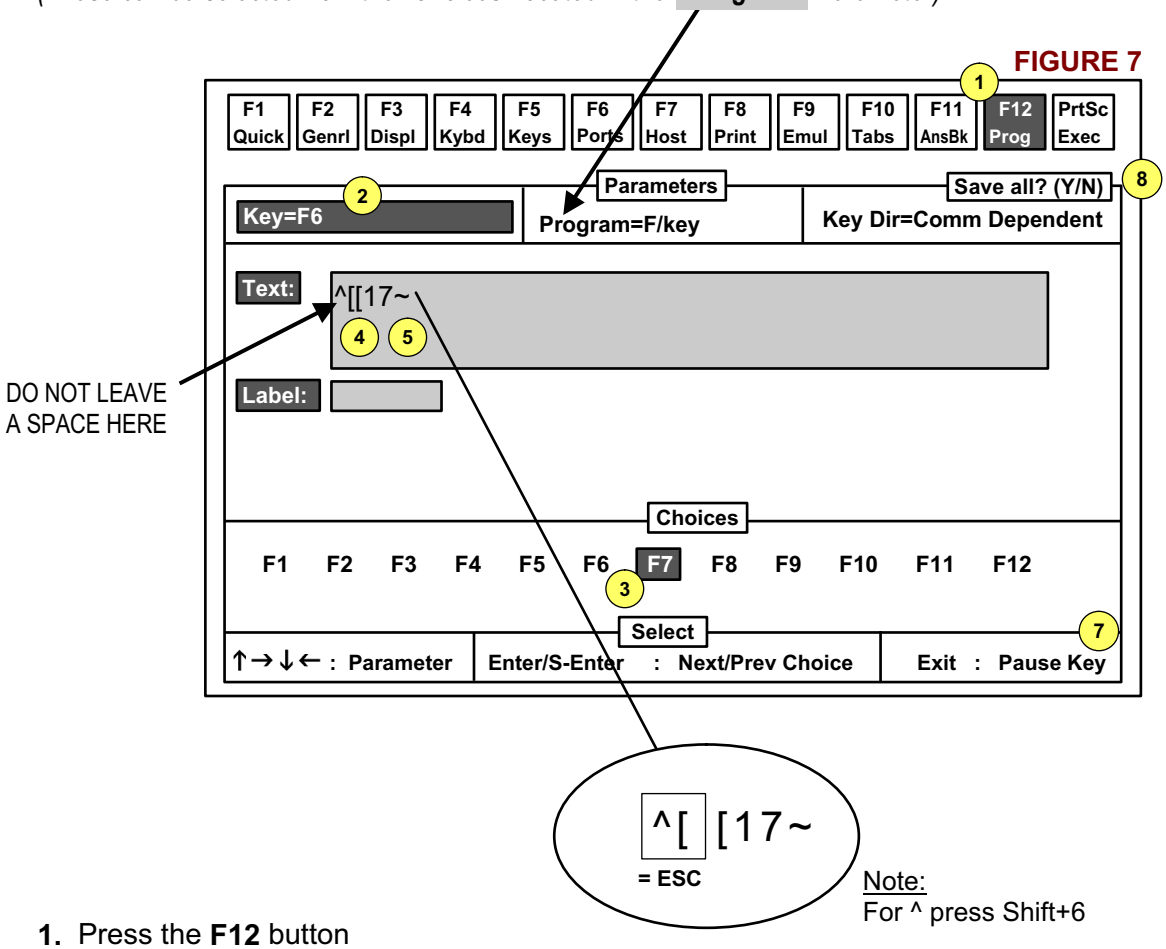
PROGRAMMING FUNCTION KEYS*

Each function key has (4) programmable registers per session such as **F/key, sh-F/key, ctrl-F/key & ctrl-sh-F/key*
*(These can be selected from the "Choices" located in the **"Program"** Parameter)*

FIGURE 7



1. Press the **F12** button
2. The curser will appear in the "Key" Field with F1 as the default **(DO NOT change F1-F4)**
3. Select a new function key to program by pressing **Enter** or **Spacebar** until the correct **Choice** is highlighted (for example choose F7)
4. Arrow down to move to the "Text" Field
5. Type in the "Function" for the key. *CAUTION: The first character in the Text Field cannot be left blank*

   Example: To program **ESC[17~** Type: **Shift+6** **[[17** **Shift+`** **= (^[[17~)**
6. To program another function, arrow back up to the "Key" Field & repeat steps 3-5
7. When finished, press the **Pause Key** at the top right of the keyboard
8. When prompted with "**Save all?**", click **Y** to save the new **Parameter**

DO NOT CHANGE THE FUNCTIONS OF F1, F2, F3 & F4

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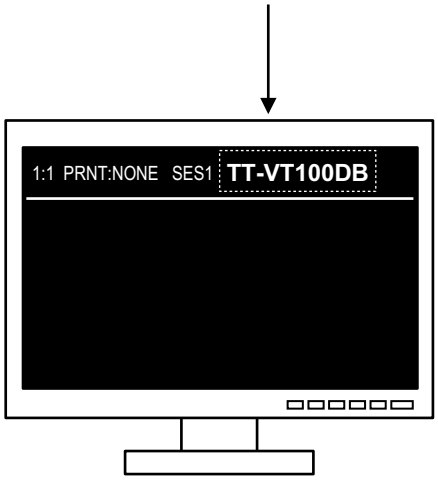
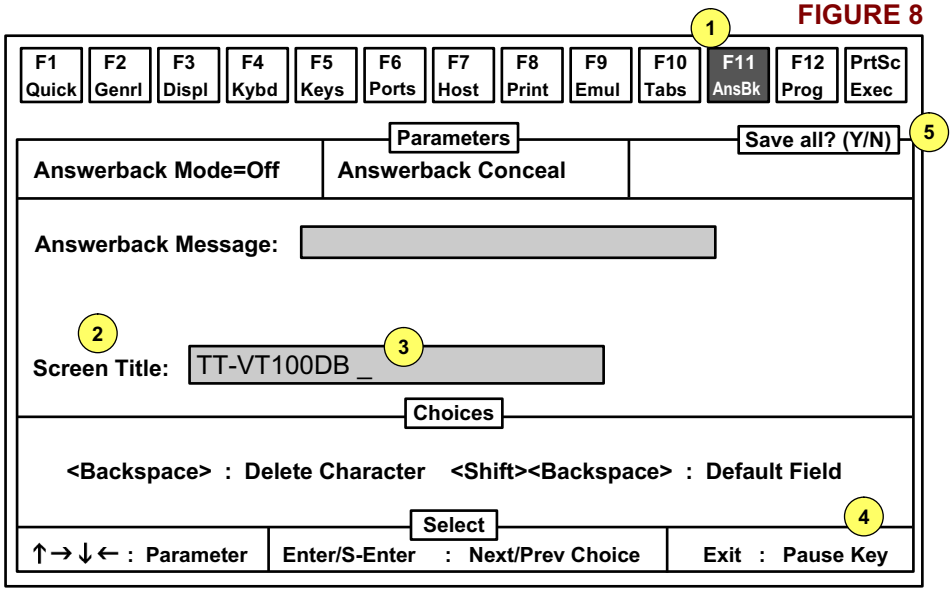
CHANGING THE SCREEN TITLE

Note: *This will change the title at the top of the Session.*



DISPLAY ON MONITOR

FIGURE 8



1. Press the **F11** button
2. Use the **Arrow Keys** to move the curser down to **Screen Title**
3. Type in a Title for the Session (Example: TT-VT100DB)
4. When finished, press the **Pause Key** at the top right of the keyboard
5. When prompted with "**Save all?**", click **Y** to save the new **Parameters**

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5ESS DEFAULT SETTINGS*

***Note:** Items in **Bold** may require Local Settings.*

FIGURE 9

Menu	Key	Parameters Available (Not all will display for a given emulation, keyboard, or video mode)		
Quick	**F1**	Emulation = VT-100 Comm Mode = Full Duplex Enhanced = On Host/Printer = SER1/Para	**SER1 Baud Rate = 9600** **ROP Baud Rate = 1200** Language = U.S.	**SER1 Data Format = 7/1/E** **ROP Data Format = 7/1/E**
General	**F2**	Emulation = VT-100 Screen Saver = Off Warning Bell = On Host/Printer = SER1/Para	Enhanced = On Auto Page = Off Bell Length = 350 ms	Auto Wrap = On Auto Scroll = On Bell Volume = 0
Display	**F3**	Page Length = 24 Display Cursor = On Columns = 80	Screen Length = 26 Lines Cursor = Blink Block Erase Color = Black	Screen Video = Normal Auto Adjust Cursor = On Scroll Speed = Full
Keyboard	**F4**	Language = U.S. Key Click = On Num Lock = Toggle	Char Set Mode = ANSI Key Repeat = Off Key Lock = Reverse	Margin Bell = Off Key Rate = 20 cps Caps Lock = Toggle
Keys	**F5**	Enter Key = <CR> Alt Key = Compose UDKS = Emul Dependent	Return Key = <CR> Disconnect = Pause	Backspace = <BS>/<BS> Return Key Repeat = Off
Ports	**F6**	SER1 Baud Rate = 9600 SER1 Xmt = Xon-Xoff SER1 Break = 250 ms ROP Baud Rate = 1200 ROP Xmt = Xon-Xoff	SER1 Data Format = 7/1/E SER1 Recv = Xon-Xoff(XPC) SER1 Modem Control = Off ROP Data Format = 7/1/E ROP Recv = Xon-Xoff(XPC)	SER1 Parity Check = Off SER1 Xmt Pace = Baud SER1 Disconnect = 2 sec ROP Parity Check = Off ROP Xmt Pace = Baud
Host	**F7**	**Comm Mode = Full Duplex** Recv <DEL> = Ignore Send Region = Screen	Local = Off Null Suppress = On Send End = Region	Recv <CR> = <CR> Send Block Term = None
Print	**F8**	**Prnt Mode = Normal**	Prnt Region = Screen	Prnt Block = None
Emulation	**F9**	Numeric Kpd = Numeric ANSI-ID = VT220 Status Line = Indicator	Cursor Kpd = Cursor Feature Lock = Off	Send Data = All Function Key Lock = Off
Tabs	**F10**	Auto Init Tabs = Off	Default Tabs	
Answerback	**F11**	Answerback Mode = Off	Answerback Conceal	
Program	**F12**	Key = F6 Text: rst:aivlc	Program = F/Key	Key Dir = Comm Dependent
Execute	**Prt Sc**	Save Terminal Save Session Reset Terminal Clear Screen Terminal Version	Recall Terminal Recall Session Reset Session Default Session UDKS	Default Terminal Default Session Reset Ports Update Terminal
Exit Setup	**Pause**	Save all? (Y/N)		

SER1 = SERIAL PORT 1 (MCC)

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NOTES & TIPS

5ESS INSTALLATION NOTES ..... Pgs. 10-11

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NOTES & TIPS

5ESS INSTALLATION NOTES:

A. WHEN THE TERMINAL IS FIRST INSTALLED, THE SCROLLING REGION IS NOT ESTABLISHED.

1. RE-ESTABLISH THE SCROLLING REGION BY ENTERING PAGE 120 (NOTES).
2. GO TO THE TOP ZONE TO CLEAR THE SCREEN.
3. THEN EXIT PAGE 120 BACK TO THE PAGE YOU WERE ON (PAGE 100 FOR EXAMPLE).

B. ONLY THE MCC / MTTY HAS EAI CAPABILITY.

AUTO-BAUD NOTES & TIPS:

A. INITIATE AUTO-BAUD DETECT FEATURE BY PRESSING "CTRL + 2" WHEN RECEIVING GARBLED INFORMATION ON SCREEN.

B. AUTO-BAUD WILL RUN THROUGH EACH BAUD RATE FROM 9600 8/1/N AND WILL STEP DOWN UNTIL IT REACHES 1200 7/1/E.

C. ONCE THE CORRECT BAUD RATE IS DETECTED; “SET” WILL APPEAR AT THE TOP OF THE SCREEN FOR UP TO 1 MINUTE.

(If “SET” was captured in the middle of buffering and does not display correctly; a PAGE change or re-running AUTO-BAUD may be needed to refresh the screen)

D. WHEN THE BAUD RATE HAS BEEN SET; IT WILL LOCK IN UNTIL MANUALLY CHANGED OR AUTO-BAUD IS RE-INITIATED.

E. ROP PORT: AUTO-BAUD IS NOT FUNCTIONAL ON THE ROP PORT. MANUAL ENTRY WILL BE REQUIRED IF BAUD RATE IS SET DIFFERENT THAN 1200 7/1/E.

ROP PRINTER FEATURES:

A. WHEN USING THE F12 KEY AND TOGGLE TO THE ROP SCREEN; APPROXIMATELY 25 (PAPER) PAGES OF DATA ARE CAPTURED AT THAT MOMENT.

B. THE ROP SCREEN DISPLAYS A PAGE #; WHICH IS A REFERENCE POINT IN ½ PAGE INCREMENTS

C. THE ROP SCREEN CAN SCROLL UP OR DOWN TO REVIEW DATA.

(Latest data is captured when toggling back to MCC screen then back to the ROP screen)

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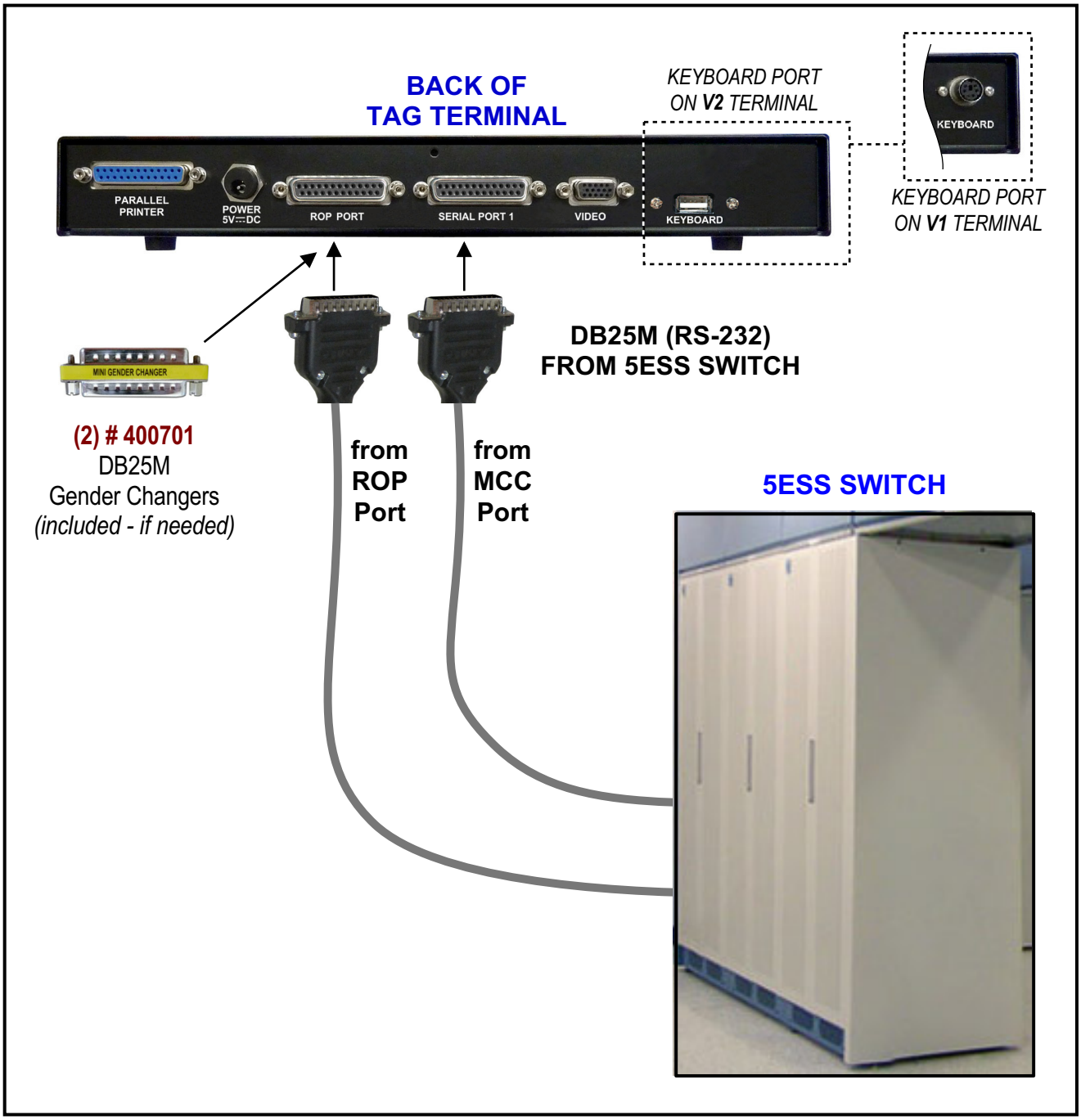
NOTES & TIPS

IF YOU HAVE:

- 25 PIN MALE (RS-232) CONNECTOR FROM THE SWITCH,
PLUG IT TO THE TERMINAL AS SHOWN (SEE FIGURE 10)

- 25 PIN FEMALE (RS-232) CONNECTOR FROM THE SWITCH,
USE THE INCLUDED GENDER CHANGERS & PLUG IT TO THE TERMINAL

FIGURE 10



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