

# TT-DCAPSS Quick Guide

## QUICK GUIDE FOR NORTEL CS2K SOFTSWITCH (DUAL SESSION) SWITCH ACCESS TERMINALS PN # TT-SSRTM-KIT1

### CONTENTS:

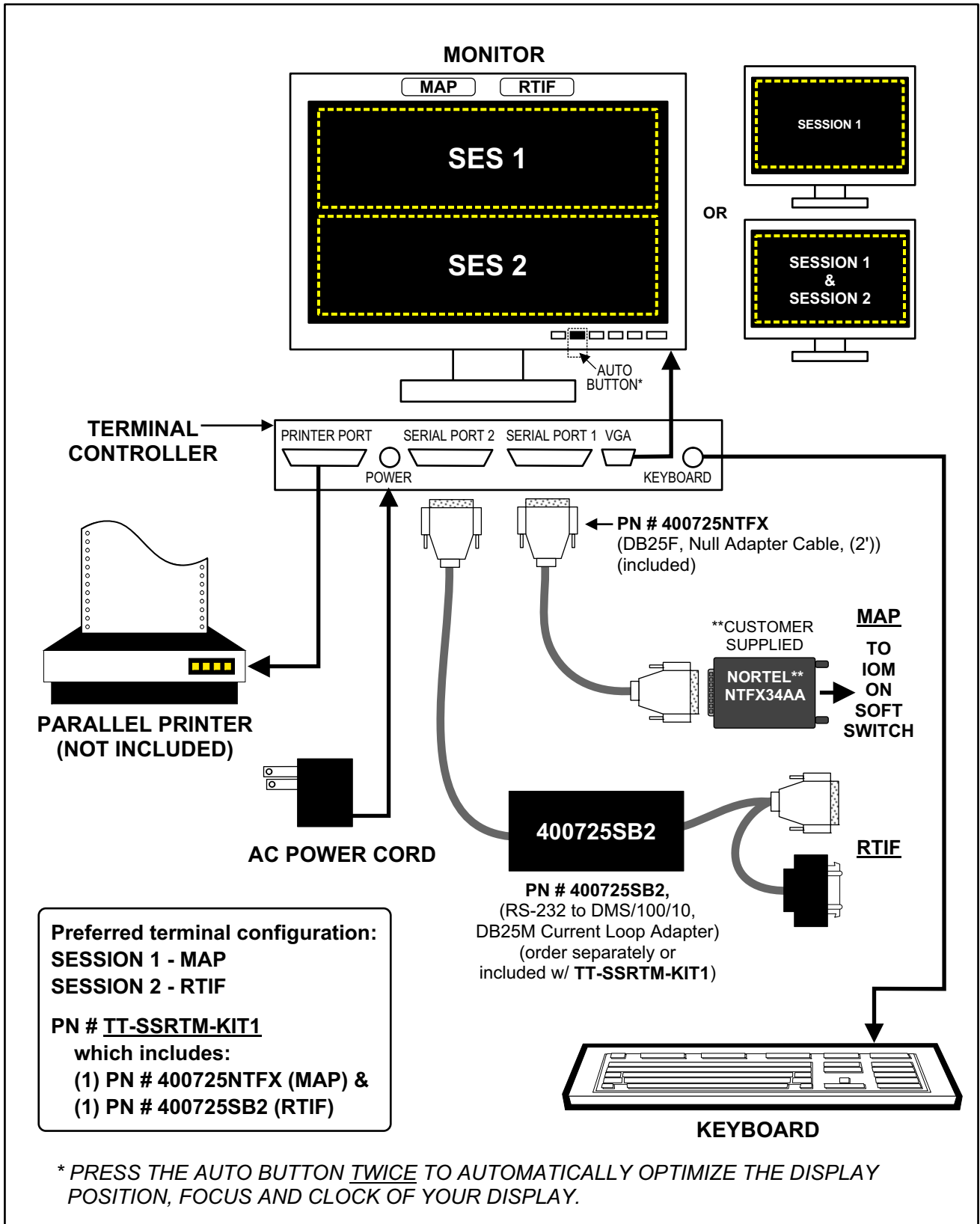
TT-SSRTM-KIT1 TERMINAL KIT CONFIGURATION FOR NORTEL - CS2K SOFTSWITCH ACCESS .....	Page	1
TERMINAL COMMAND KEYS .....	Page	2
GENERAL SETTINGS NOTE .....	Page	3
TERMINAL SETUP .....	Page	4
CHANGING THE SERIAL PORT SETTINGS .....	Page	5
CHANGING THE SCREEN DISPLAY TO FULL OR SPLIT SCREEN .....	Page	6
PROGRAMMING FUNCTION KEYS .....	Page	7
CHANGING THE SCREEN TITLE .....	Page	8
NORTEL - CS2K DEFAULT SETUP FOR MAP TERMINALS .....	Page	9
NORTEL - CS2K DEFAULT SETUP FOR RTIF TERMINALS .....	Page	10
NOTES & TIPS .....	Pgs.	11-18
TT-SSRTM-KIT1 INSTALLATION NOTES .....	Pgs.	12-13
DMS CURRENT LOOP INSTALLATION NOTES.....	Pgs.	14-18



# TT-DCAPSS Quick Guide

## TT-SSRTM-KIT1 TERMINAL KIT CONFIGURATION FOR NORTEL - CS2K SOFTSWITCH ACCESS

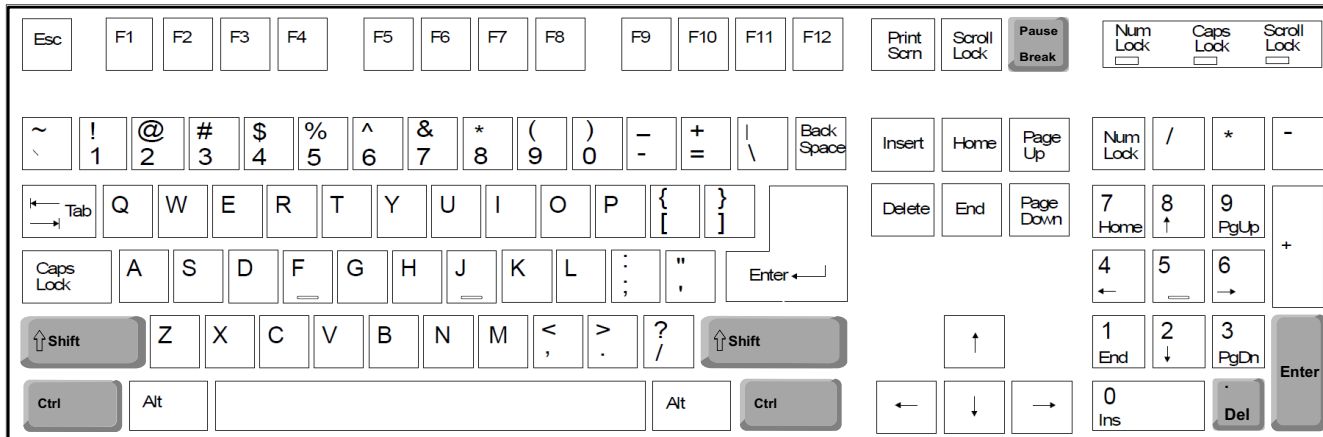
**FIGURE 1**

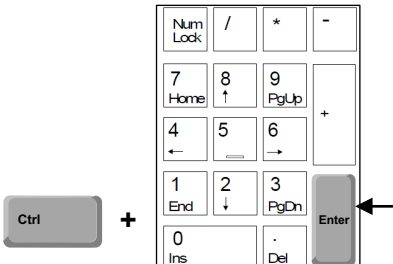
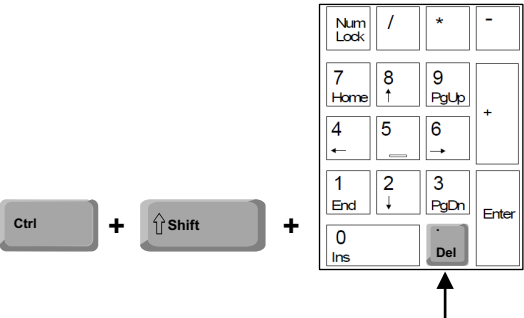



# TT-DCAPSS Quick Guide

## TERMINAL COMMAND KEYS

FIGURE 2



<p><b>SWITCH SESSIONS</b> (for dual sessions only)</p>	<p>Press <b>Ctrl + Enter</b> (Enter on the Number Pad)</p> 
<p><b>PRINT</b></p>	<p>Press <b>Ctrl + Shift + .</b> (Decimal on the Number Pad)</p> 
<p><b>SEND BREAK</b></p>	<p>Press <b>Ctrl + Pause/Break Key</b></p> 

## TT-DCAPSS Quick Guide

### GENERAL SETTINGS NOTE

Terminals are supplied pre-configured for the Nortel CS2K Soft Switch with Session 1 set to MAP & Session 2 set to RTIF. 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.*

# TT-DCAPSS Quick Guide

## TERMINAL SETUP

**FIGURE 3**

**PARAMETERS** →

**CHOICES** →

**SESSION** →

F1 Quick	F2 Genrl	F3 Displ	F4 Kybd	F5 Keys	F6 Ports	F7 Host	F8 Print	F9 Emul	F10 Tabs	F11 AnsBk	F12 Prog	PrtSc Exec
Parameters											Save all? (Y/N)	
Emulation=VT-100 Comm Mode=Full Duplex Enhanced=On Host/Printer=SER1/Para				SER1 Baud Rate = 4800 SER2 Baud Rate=9600 Language=U.S.				SER1 Data Format=8/1/N SER2 Data Format=8/1/N Sessions=Two				
Choices												
300   600   1200   2400 <b>4800</b> 9600   19200												
Select												
↑ → ↓ ← : Parameter				Enter/S-Enter : Next/Prev Choice				Exit : Pause Key				
Session 1   Press <Control> <EnterKpd> to Toggle Session												

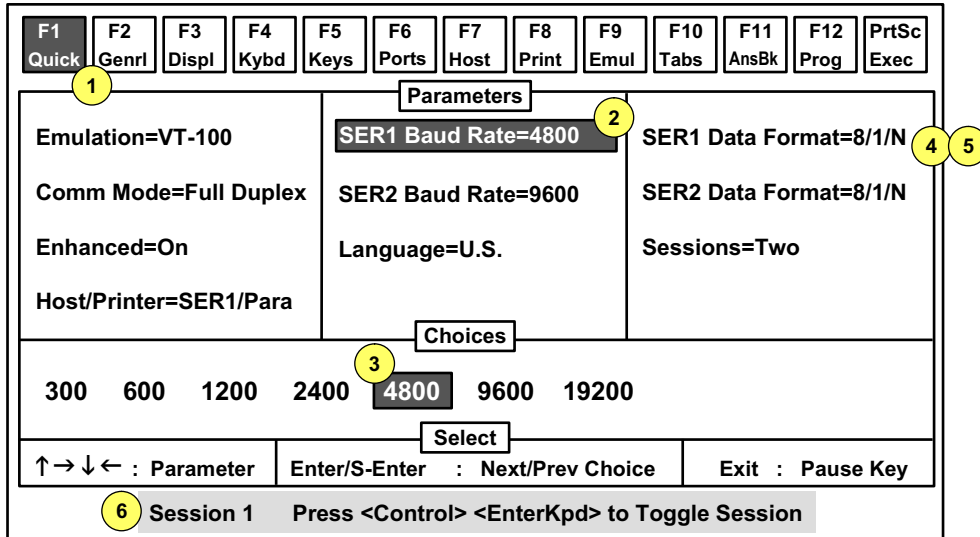
**FIGURE 4**

<b>ENTER SETUP SCREEN</b>	Press <b>Ctrl + Scroll Lock</b>	+
<b>SELECT MENU</b>	Press <b>F1 - Prt Scn</b>	
<b>NAVIGATE PARAMETERS</b>	Press the <b>Arrow Keys</b>	 
<b>NAVIGATE CHOICES</b>	Press <b>Enter</b> or <b>Spacebar</b> (moves forward)	or
	Press <b>Shift + Enter</b> (moves backward)	+
<b>EXIT SETUP SCREEN</b>	Press the <b>Pause Key</b> (when prompted to "Save all", press <b>Y</b> key to <b>Save</b> or <b>N</b> key to <b>discard</b> )	

# TT-DCAPSS Quick Guide

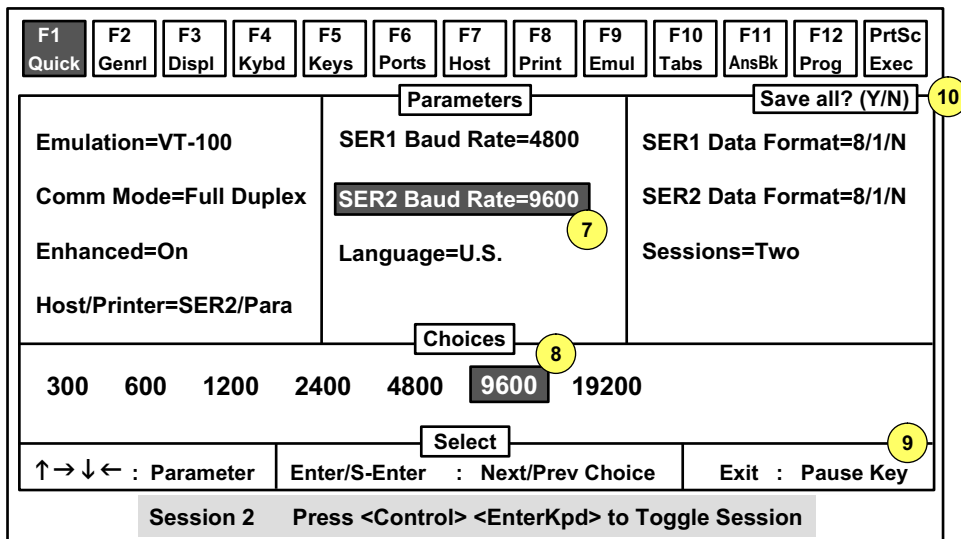
## CHANGING THE SERIAL PORT SETTINGS

**FIGURE 5A**



1. Press the **F1** button
- FOR SESSION 1 - MAP TERMINAL**
2. Use the **Arrow Keys** to move to **SER1 Baud Rate (SER1 = Serial Port 1 (MAP))**
  3. Press **Enter** or **Spacebar** until the correct **Choice** is highlighted (4800 for CS2K MAP Terminals)
  4. Use the **Arrow Keys** to move over to **SER1 Data Format**
  5. Press **Enter** or **Spacebar** until the correct **Choice** is highlighted (8/1/N for NORTEL - CS2K)
  6. Press **<Control> <EnterKpd>** to Toggle to **Session 2** (see page 2 - "Switching Sessions")

**FIGURE 5B**



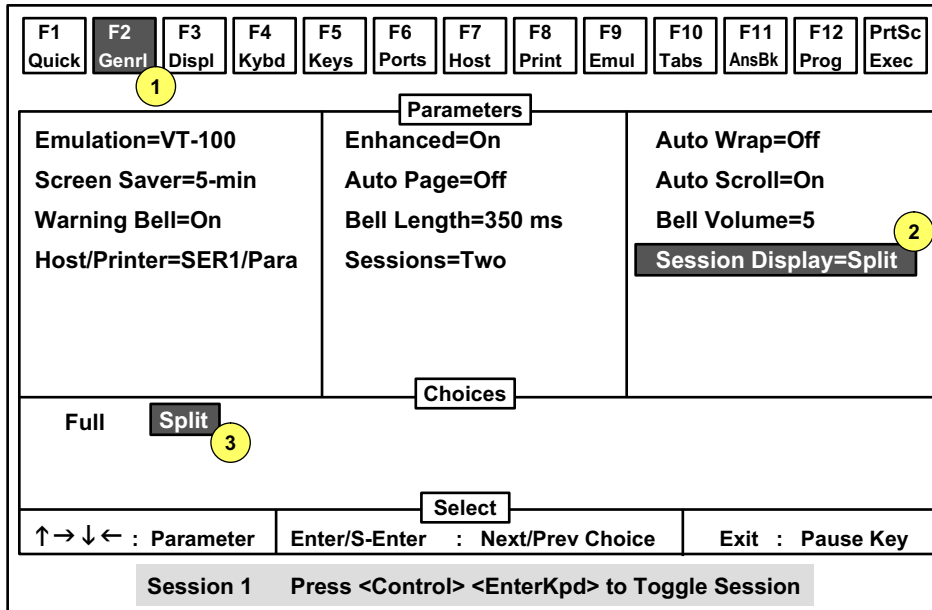
- FOR SESSION 2 - RTIF TERMINAL**
7. Use the **Arrow Keys** to move to **SER2 Baud Rate (SER2 = Serial Port 2 (RTIF))**
  8. Press **Enter** or **Spacebar** until the correct **Choice** is highlighted (9600 for CS2K RTIF Terminals)
  9. When finished, press the **Pause Key** at the top right of the keyboard
  10. When prompted with "**Save all?**", click **Y** to save the new **Parameters**

# TT-DCAPSS Quick Guide

## CHANGING THE SCREEN DISPLAY TO FULL OR SPLIT SCREEN

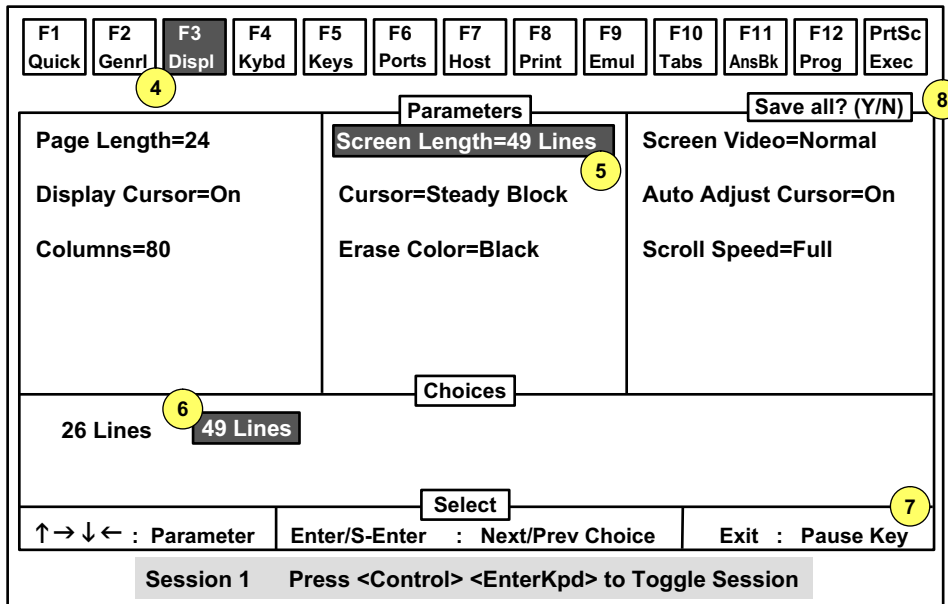
*For TT-SSRTM-KIT1*

**FIGURE 6**



1. Press the **F2** button
2. Use the **Arrow Keys** to move over to **Session Display**
3. Press **Enter** or **Spacebar** until the correct **Choice** is highlighted (Full / Split)

**FIGURE 7**



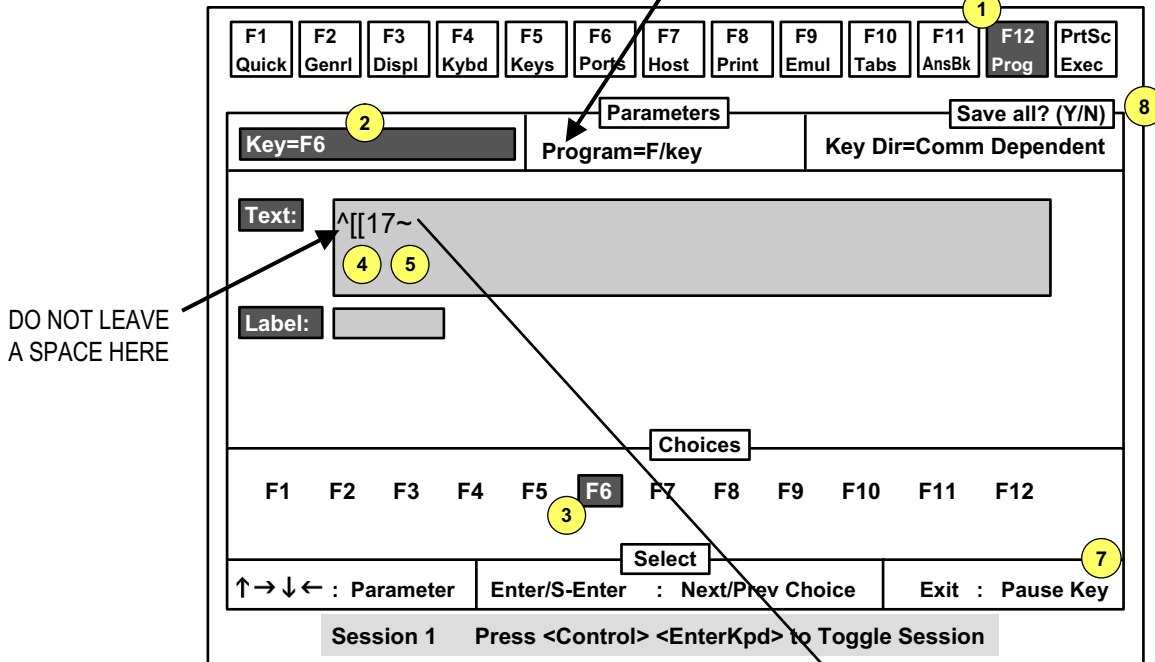
4. Press the **F3** button
5. Use the **Arrow Keys** to move over to **Screen Length**
6. Press **Enter** or **Spacebar** until the correct **Choice** is highlighted (49 Lines for Split Screen) (26 Lines for Full Screen)
7. **When finished**, press the **Pause Key** at the top right of the keyboard
8. When prompted with "**Save all?**", click **Y** to save the new **Parameter**

# TT-DCAPSS Quick Guide

## 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 8**



DO NOT LEAVE A SPACE HERE

^[[	[17~
= ESC	

Note:  
For ^ press Shift+6

1. Press the **F12** button
2. The cursor 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 F6)
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**



# TT-DCAPSS Quick Guide

## CHANGING THE SCREEN TITLE

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

**FIGURE 9A**

F1 Quick	F2 Genrl	F3 Displ	F4 Kybd	F5 Keys	F6 Ports	F7 Host	F8 Print	F9 Emul	F10 Tabs	F11 AnsBk	F12 Prog	PrtSc Exec
Parameters												
Answerback Mode=Off				Answerback Conceal								
Answerback Message: <input style="width: 100%;" type="text"/>												
Screen Title: <input style="width: 100%;" type="text" value="TT-DCAPSS 1_"/>												
Choices												
<Backspace> : Delete Character    <Shift><Backspace> : Default Field												
Select												
↑ ↓ ← : Parameter				Enter/S-Enter : Next/Prev Choice				Exit : Pause Key				
Session 1    Press <Control> <EnterKpd> to Toggle Session												

**DISPLAY ON MONITOR**

1. Press the **F11** button
- FOR SESSION 1**
2. Use the **Arrow Keys** to move the cursor down to **Screen Title**
  3. Type in a Title for Session 1 (Example: TT-DCAPSS 1)
  4. Press **<Control> <EnterKpd>** to Toggle to Session 2 (see page 2 - "Switching Sessions")

**FIGURE 9B**

F1 Quick	F2 Genrl	F3 Displ	F4 Kybd	F5 Keys	F6 Ports	F7 Host	F8 Print	F9 Emul	F10 Tabs	F11 AnsBk	F12 Prog	PrtSc Exec
Parameters												
Answerback Mode=Off				Answerback Conceal								
Answerback Message: <input style="width: 100%;" type="text"/>												
Screen Title: <input style="width: 100%;" type="text" value="TT-DCAPSS 2_"/>												
Choices												
<Backspace> : Delete Character    <Shift><Backspace> : Default Field												
Select												
↑ ↓ ← : Parameter				Enter/S-Enter : Next/Prev Choice				Exit : Pause Key				
Session 2    Press <Control> <EnterKpd> to Toggle Session												

**DISPLAY ON MONITOR**

- FOR SESSION 2**
5. Use the **Arrow Keys** to move the cursor down to **Screen Title**
  6. Type in a Title for Session 2 (Example: TT-DCAPSS 2)
  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 **Parameters**

## TT-DCAPSS Quick Guide

### NORTEL - CS2K DEFAULT SETUP\* FOR MAP\*\* TERMINALS - SESSION 1

**Note:** The settings that may need to change for your CS2K MAP terminal are shown in **Bold**.

**\*Note:** When using Dual Sessions, parameters must be set for both sessions (see FIGURE 11).

**\*\*CUSTOMER SUPPLIED NORTEL NTFX34AA ADAPTER IS REQUIRED FOR MAP TERMINALS**

**FIGURE 10**

Menu	Key	Parameters Available (Not all will display for a given emulation, keyboard, or video mode)		
Quick	<b>F1</b>	Emulation = VT-100 Comm Mode = Full Duplex Enhanced = On Host/Printer = SER1/Para	<b>SER1 Baud Rate = 4800</b> <b>SER2 Baud Rate = 9600</b> Language = U.S.	<b>SER1 Data Format = 8/1/N</b> <b>SER2 Data Format = 8/1/N</b> Sessions = Two
General	<b>F2</b>	Emulation = VT-100 Screen Saver = 5-min Warning Bell = On Host/Printer = SER1/Para	Enhanced = On Auto Page = Off Bell Length = 350 ms Sessions = Two	Auto Wrap = Off Auto Scroll = On Bell Volume = 5 <b>Session Display = Split</b>
Display	<b>F3</b>	Page Length = 24 Display Cursor = On Columns = 80	Screen Length = 49 Lines Cursor = Blink Block Erase Color = Black	Screen Video = Normal Auto Adjust Cursor = On Scroll Speed = Full
Keyboard	<b>F4</b>	Language = U.S. Key Click = On Num Lock = Toggle	Char Set Mode = ANSI Key Repeat = On Key Lock = Reverse	Margin Bell = Off Key Rate = 20 cps Caps Lock = Toggle
Keys	<b>F5</b>	Enter Key = <CR> Alt Key = Compose UDKS = Emul Dependent	Return Key = <CR> Disconnect = Pause	Backspace = <BS>/<BS> Return Key Repeat = Off
Ports	<b>F6</b>	SER1 Baud Rate = 4800 SER2 Baud Rate = 9600 SER1 Xmt = DSR SER2 Xmt = Xon-Xoff SER1 Break = 250 ms SER2 Break = 250 ms	SER1 Data Format = 8/1/N SER2 Data Format = 8/1/N SER1 Recv = DTR SER2 Recv = Xon-Xoff(XPC) SER1 Modem Control = Off SER2 Modem Control = Off	SER1 Parity Check = Off SER2 Parity Check = Off SER1 Xmt Pace = Baud SER2 Xmt Pace = Baud SER1 Disconnect = 2 sec SER2 Disconnect = 2 sec
Host	<b>F7</b>	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	<b>F8</b>	Prnt Mode = Normal	Prnt Region = Screen	Prnt Block = None
Emulation	<b>F9</b>	Numeric Kpd = Numeric ANSI-ID = VT320 Status Line = Indicator	Cursor Kpd = Cursor Feature Lock = Off	Send Data = All Function Key Lock = Off
Tabs	<b>F10</b>	Auto Init Tabs = Off	Default Tabs	
Answerback	<b>F11</b>	Answerback Mode = Off	Answerback Conceal	
Program	<b>F12</b>	Key = F1	Program = F/Key	Key Dir = Comm Dependent
Execute	<b>Prt Sc</b>	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	<b>Pause</b>	Save all? (Y/N)		

**SER1 = SERIAL PORT 1**

**SER2 = SERIAL PORT 2**

## TT-DCAPSS Quick Guide

### NORTEL - CS2K DEFAULT SETUP\* FOR RTIF\*\* TERMINALS - SESSION 2

**Note:** The settings that may need to change for your CS2K RTIF terminal are shown in **Bold**.

**\*Note:** When using Dual Sessions, parameters must be set for both sessions (see FIGURE 10).

**\*\*CURRENT LOOP ADAPTER IS REQUIRED FOR RTIF TERMINALS**

**FIGURE 11**

Menu	Key	Parameters Available (Not all will display for a given emulation, keyboard, or video mode)		
Quick	<b>F1</b>	Emulation = VT-100 Comm Mode = Full Duplex Enhanced = On Host/Printer = SER2/Para	<b>SER1 Baud Rate = 4800</b> <b>SER2 Baud Rate = 9600</b> Language = U.S.	<b>SER1 Data Format = 8/1/N</b> <b>SER2 Data Format = 8/1/N</b> Sessions = Two
General	<b>F2</b>	Emulation = VT-100 Screen Saver = 5-min Warning Bell = On Host/Printer = SER2/Para	Enhanced = On Auto Page = Off Bell Length = 350 ms Sessions = Two	Auto Wrap = Off Auto Scroll = On Bell Volume = 5 <b>Session Display=Split</b>
Display	<b>F3</b>	Page Length = 24 Display Cursor = On Columns = 80	Screen Length = 49 Lines Cursor = Blink Block Erase Color = Black	Screen Video = Normal Auto Adjust Cursor = On Scroll Speed = Full
Keyboard	<b>F4</b>	Language = U.S. Key Click = On Num Lock = Toggle	Char Set Mode = ANSI Key Repeat = On Key Lock = Reverse	Margin Bell = Off Key Rate = 20 cps Caps Lock = Toggle
Keys	<b>F5</b>	Enter Key = <CR> Alt Key = Compose UDKS = Emul Dependent	Return Key = <CR> Disconnect = Pause	Backspace = <BS>/<DEL> Return Key Repeat = Off
Ports	<b>F6</b>	<b>SER1 Baud Rate = 4800</b> <b>SER2 Baud Rate = 9600</b> SER1 Xmt = DSR SER2 Xmt = Xon-Xoff SER1 Break = 250 ms SER2 Break = 250 ms	<b>SER1 Data Format = 8/1/N</b> <b>SER2 Data Format = 8/1/N</b> SER1 Recv = DTR SER2 Recv = Xon-Xoff(XPC) SER1 Modem Control = Off SER2 Modem Control = Off	SER1 Parity Check = Off SER2 Parity Check = Off SER1 Xmt Pace = Baud SER2 Xmt Pace = Baud SER1 Disconnect = 2 sec SER2 Disconnect = 2 sec
Host	<b>F7</b>	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	<b>F8</b>	Prnt Mode = Normal	Prnt Region = Screen	Prnt Block = None
Emulation	<b>F9</b>	Numeric Kpd = Numeric ANSI-ID = VT320 Status Line = Indicator	Cursor Kpd = Cursor Feature Lock = Off	Send Data = All Function Key Lock = Off
Tabs	<b>F10</b>	Auto Init Tabs = Off	Default Tabs	
Answerback	<b>F11</b>	Answerback Mode = Off	Answerback Conceal	
Program	<b>F12</b>	Key = F1	Program = F/Key	Key Dir = Comm Dependent
Execute	<b>Prt Sc</b>	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	<b>Pause</b>	Save all? (Y/N)		

**SER1 = SERIAL PORT 1**

**SER2 = SERIAL PORT 2**

# TT-DCAPSS Quick Guide

## NOTES & TIPS

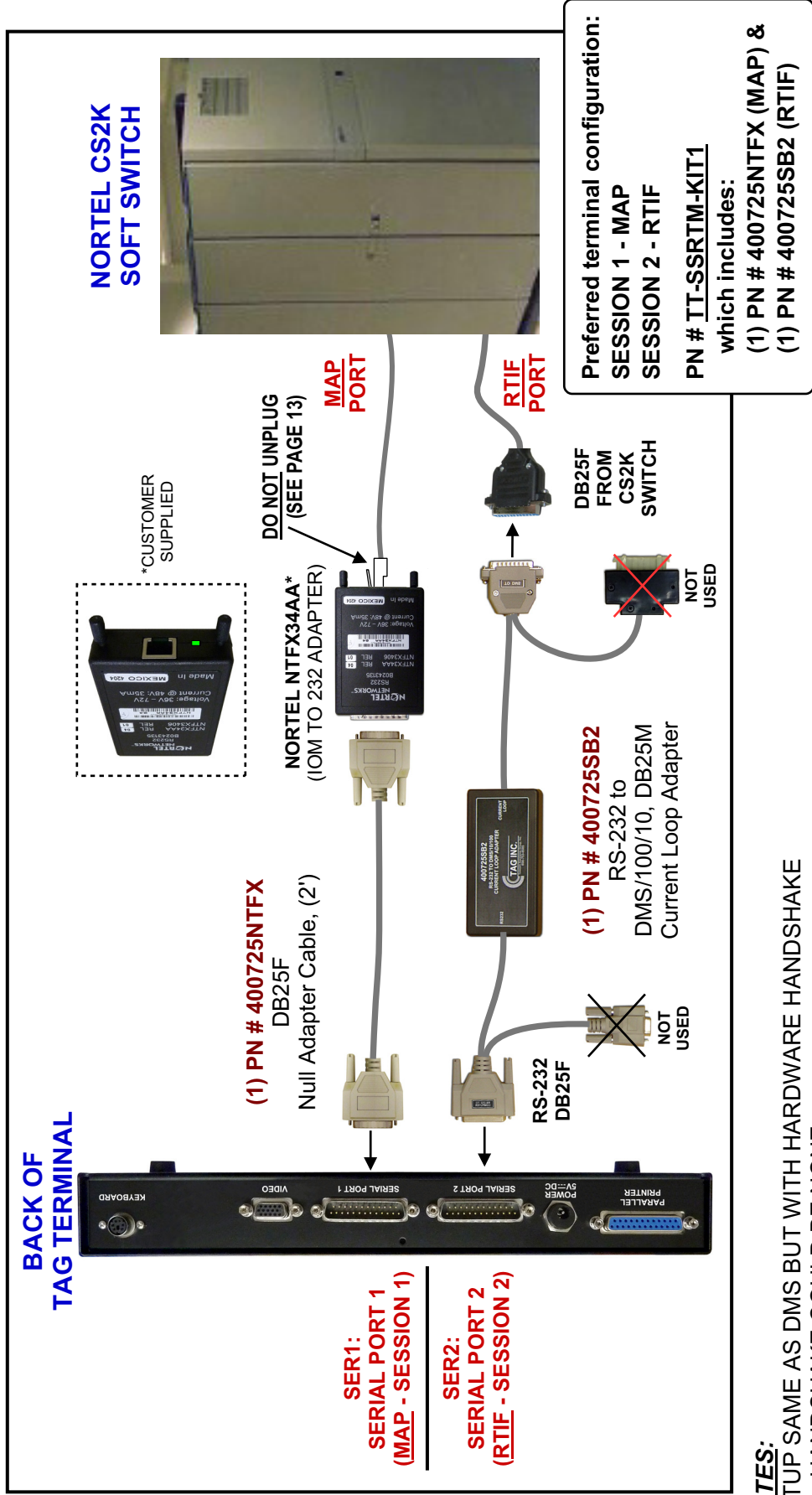
**TT-SSRTM-KIT1 INSTALLATION NOTES ..... Pgs. 12-13**

**DMS CURRENT LOOP INSTALLATION NOTES ..... Pgs. 14-18**

# NOTES & TIPS

# TT-SSR TM-KIT1 INSTALLATION NOTES

FIGURE 12



**NOTES:**

SETUP SAME AS DMS BUT WITH HARDWARE HANDSHAKE

- HANDSHAKE COULD BE NONE
- BAUD 2400 TO 9600
- WHEN ATTACHING THE MAP TERMINAL (NEW OR OLD), THE PORT NEEDS TO BE DEACTIVATED AND REACTIVATED TO START OPERATION. THIS IS DONE FROM THE REMOTE COMMAND (NETWORK ACCESS) TERMINAL

150 Cooper Rd. (F-15)  
W. Berlin, NJ 08091

www.tagcords.com

**Telecom Assistance Group**

Telephone: (856) 753-8585  
Fax : (856) 768-7645

# NOTES & TIPS

# TT-SSRTM-KIT1 INSTALLATION NOTES

### \* WARNING \*

**DO NOT UNPLUG THE RJ48 CABLE FROM THE NORTEL ADAPTER.**

- IF IT IS NECESSARY TO DISCONNECT THIS CABLE, THE ADAPTER WILL LOSE ITS SET UP INFORMATION. FOLLOW THE STEPS BELOW TO RESTART THE ADAPTER (PORT).

**TO RE-SYNC THE NORTEL NTFX34AA\* ADAPTER - THE FOLLOWING SWITCH SETUP STEPS MAY BE HELPFUL:**

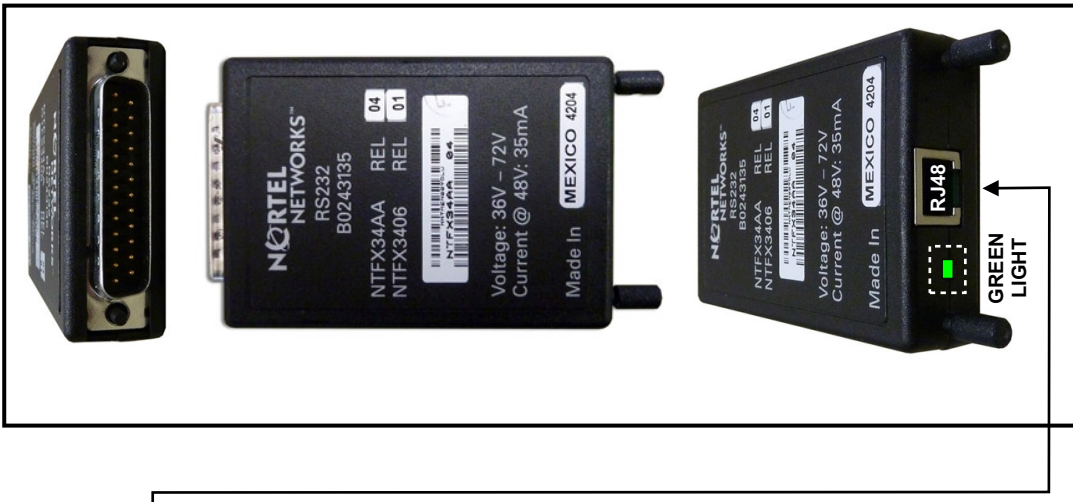
1. BUSY PORT
2. TAKE OFFLINE
3. BUSY PORT AGAIN
4. THEN "RTS" THE PORT

**THIS SHOULD RE-ACTIVATE THE MAP TERMINAL.**

**NOTE: THE GREEN LIGHT ON THE NORTEL NTFX34AA ADAPTER SHOULD BE ON.**

*\*NTFX34AA ADAPTER IS CUSTOMER SUPPLIED*

**FIGURE 13**



# NOTES & TIPS

# DMS CURRENT LOOP INSTALLATION NOTES

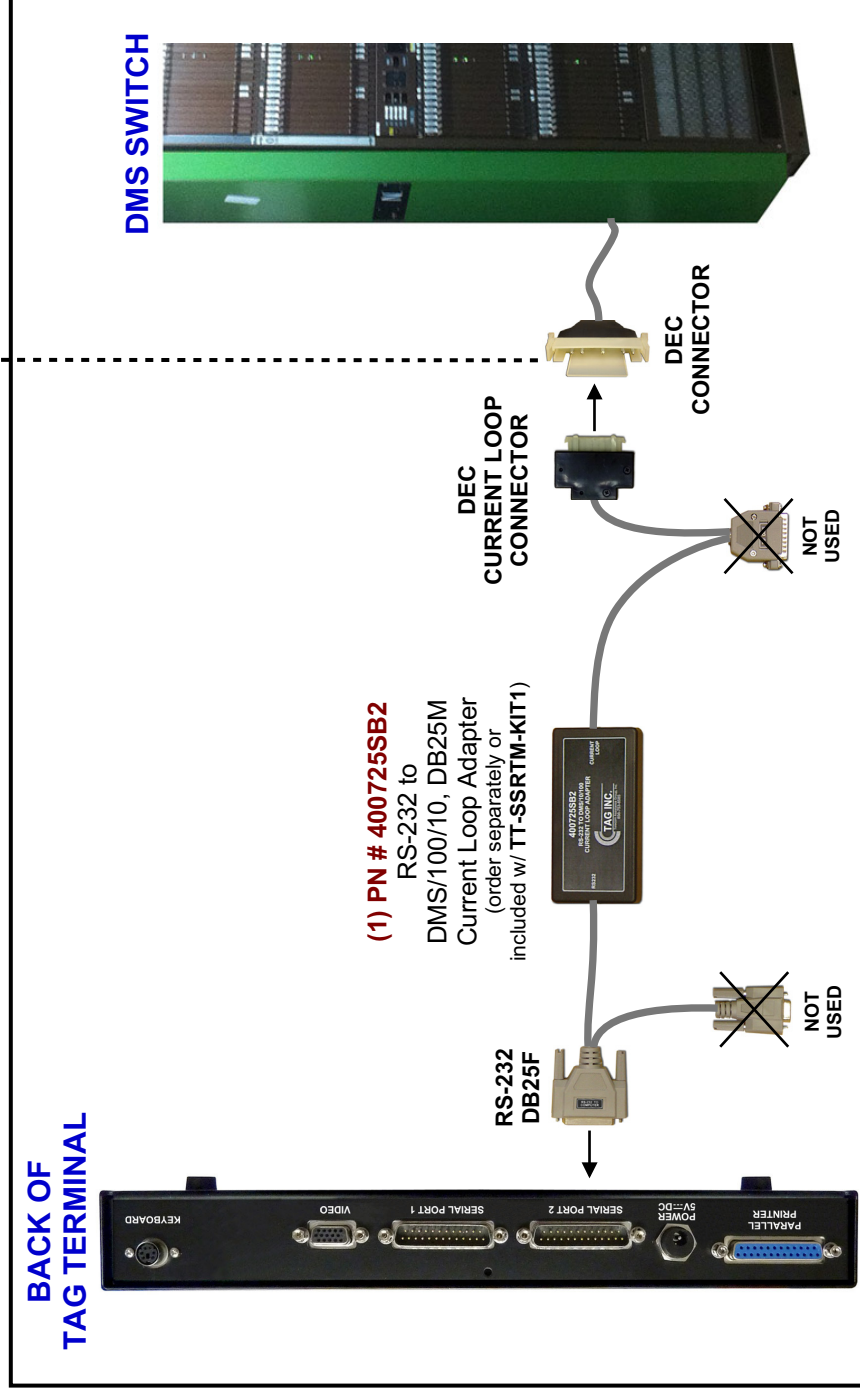
### IF YOU HAVE:

### FLAT DEC CONNECTOR FROM THE SWITCH

- USE THE 400725SB2 CURRENT LOOP ADAPTER



FIGURE 14



# NOTES & TIPS

## IF YOU HAVE:

**A CURRENT LOOP TO MMJ ADAPTER FROM THE SWITCH**

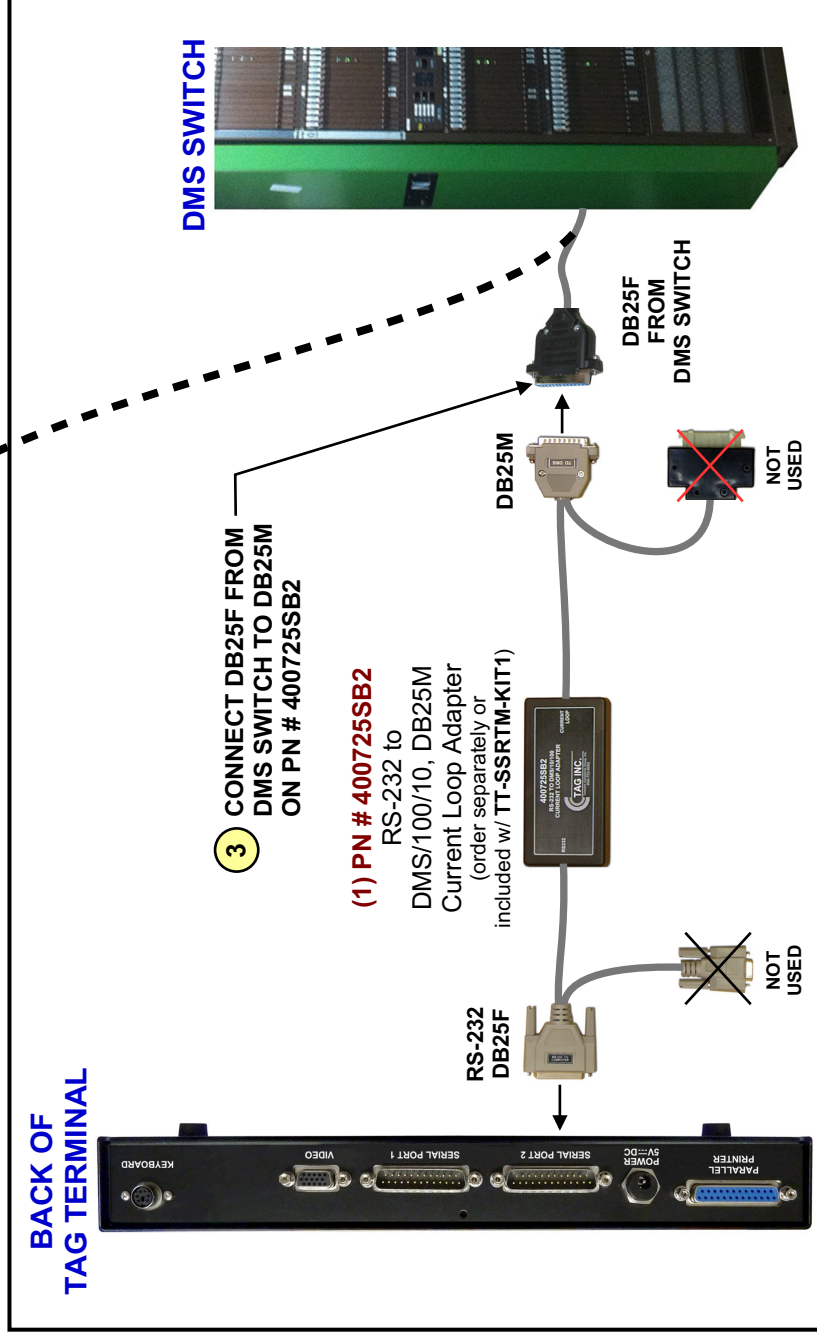
- USE THE 400725SB2 CURRENT LOOP ADAPTER

# DMS CURRENT LOOP INSTALLATION NOTES



**FIGURE 15**

**BACK OF TAG TERMINAL**



150 Cooper Rd. (F-15)  
W. Berlin, NJ 08091

[www.tagcords.com](http://www.tagcords.com)

# Telecom Assistance Group

Telephone: (856) 753-8585

Fax : (856) 768-7645



# NOTES & TIPS

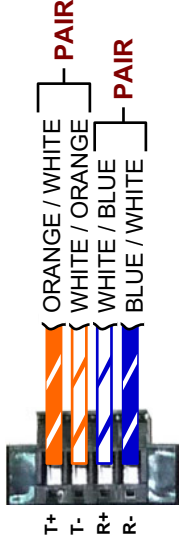
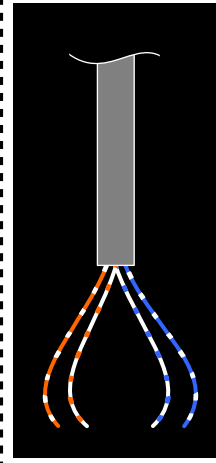
# DMS CURRENT LOOP INSTALLATION NOTES

### IF YOU HAVE:

**BARE WIRE FROM THE SWITCH OR A BROKEN CONNECTOR**

- USE THE 400725SB2 CURRENT LOOP ADAPTER w/ THE 400725SBW HARDWIRE ADAPTER

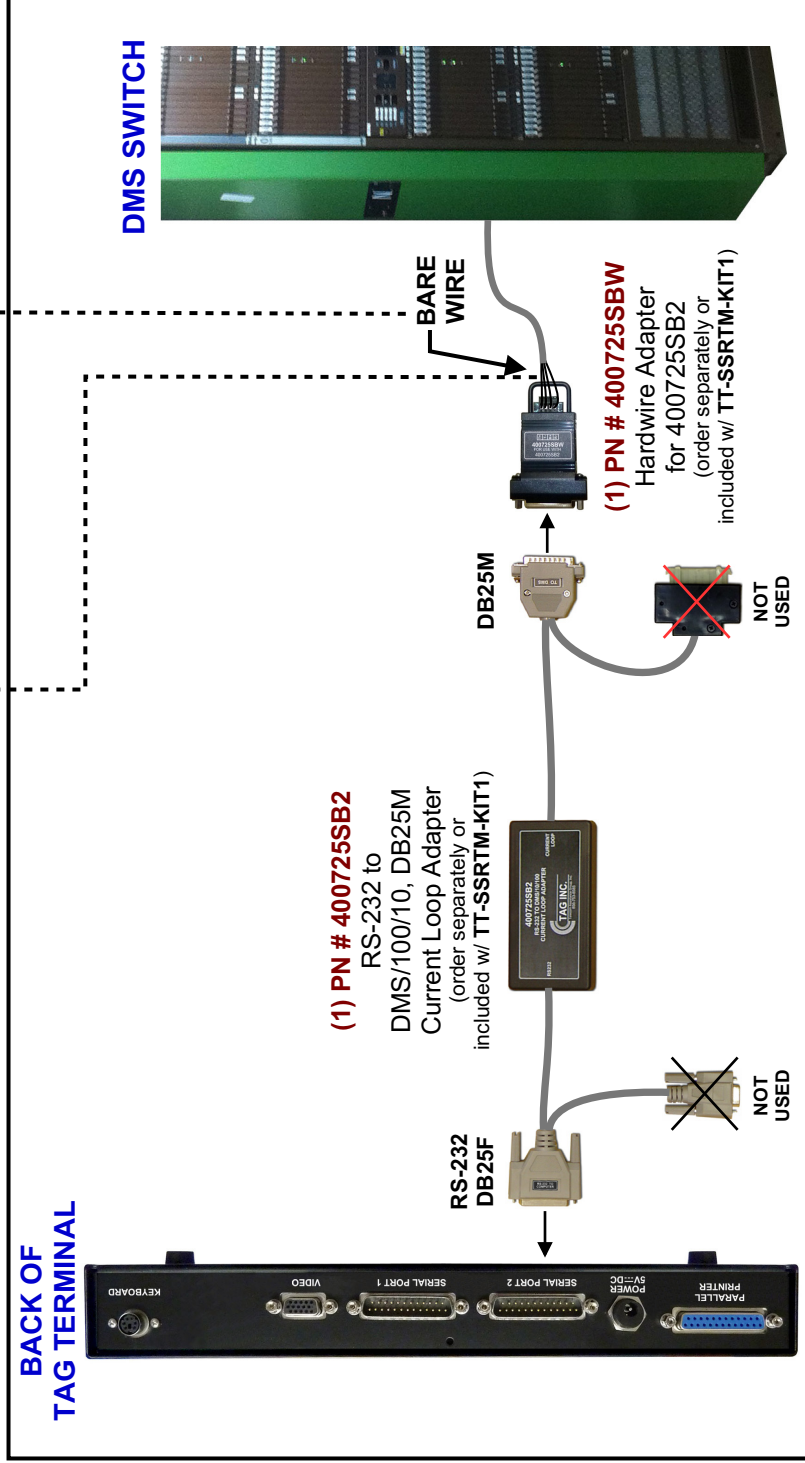
### WIRING DETAIL\*:



\* Most common - Colors may vary  
 if colors are different, - DO NOT SEPERATE PAIRED WIRES

**FIGURE 16**

**BACK OF TAG TERMINAL**



**(1) PN # 400725SB2**  
 RS-232 to  
 DMS/100/10, DB25M  
 Current Loop Adapter  
 (order separately or  
 included w/ TT-SSRTM-KIT1)

**(1) PN # 400725SBW**  
 Hardware Adapter  
 for 400725SB2  
 (order separately or  
 included w/ TT-SSRTM-KIT1)

150 Cooper Rd. (F-15)  
 W. Berlin, NJ 08091

[www.tagcords.com](http://www.tagcords.com)

## Telecom Assistance Group

Telephone: (856) 753-8585

Fax : (856) 768-7645

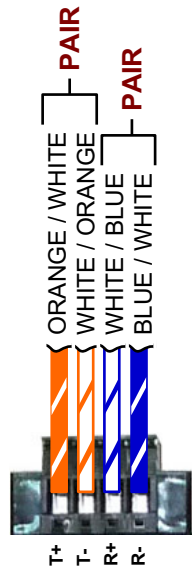
# NOTES & TIPS

# DMS CURRENT LOOP INSTALLATION NOTES

## CURRENT LOOP PAIR DETERMINATION:

- 1 SET VOLT-OHM METER TO DCV SETTING  
(WITH THE WIRES DISCONNECTED)
- 2 CONNECT THE (+) RED PROBE TO THE ORANGE / WHITE WIRE & THE (-) BLACK PROBE TO THE WHITE / ORANGE WIRE
- 3 COMPARE THE READINGS & POLARITIES (AS SHOWN BELOW)  
(VOLTAGES SHOWN ARE APPROXIMATE & ACTUAL VALUES MAY BE DIFFERENT)

### WIRING DETAIL\*:



\* Most common - Colors may vary  
If colors are different, - DO NOT SEPERATE PAIRED WIRES

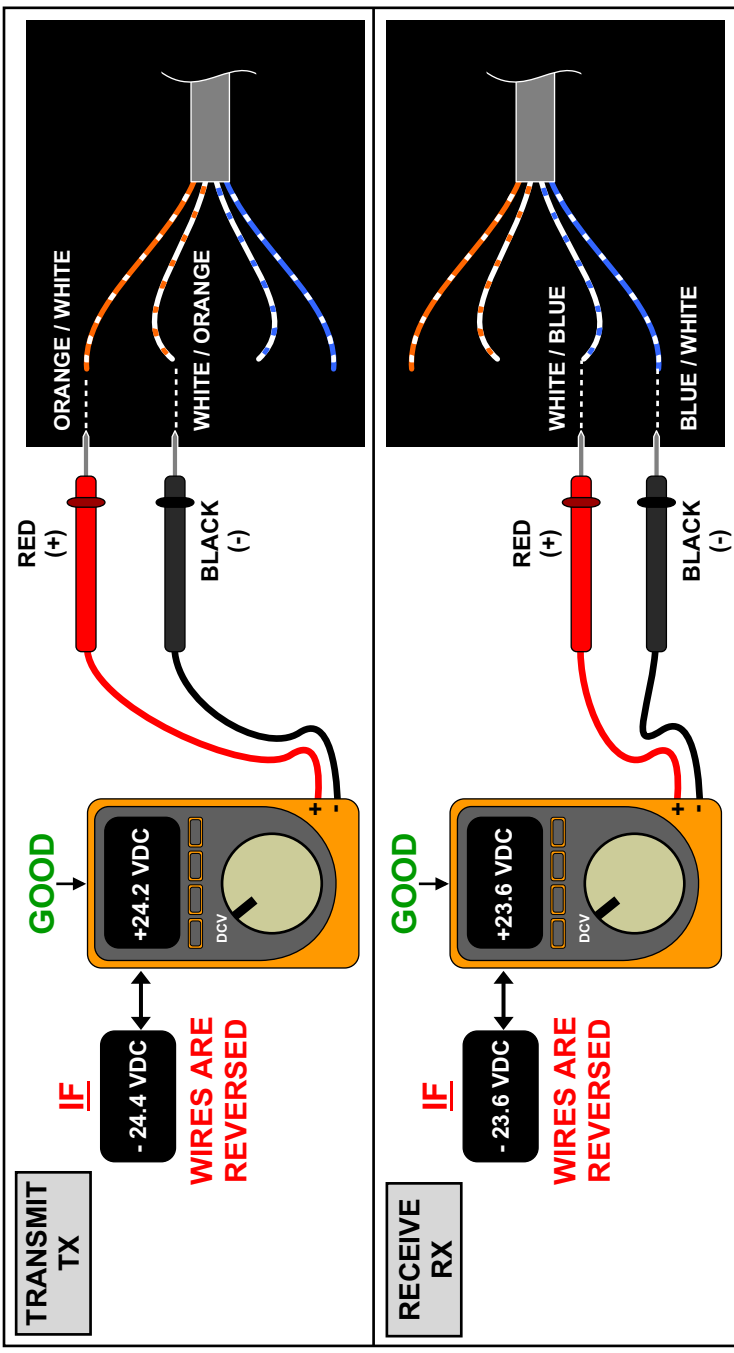
- 4 REPEAT STEPS 2 & 3 FOR THE WHITE / BLUE PAIR

- 5 NOTE: RECEIVE PAIR VOLTAGE IS SLIGHTLY LOWER THAN TRANSMIT PAIR VOLTAGE

- 6 ATTACH THE WIRES TO PN # 400725SBW ACCORDING TO THE POLARITY FOUND IN THE WIRING DETAIL

- TRANSMIT (+) TO T+
- TRANSMIT (-) TO T-
- RECEIVE (+) TO R+
- RECEIVE (-) TO R-

FIGURE 17



150 Cooper Rd. (F-15)  
W. Berlin, NJ 08091

www.tagcord.com

Telecom Assistance Group

Telephone: (856) 753-8585  
Fax : (856) 768-7645

# NOTES & TIPS

# DMS CURRENT LOOP INSTALLATION NOTES

### IF YOU HAVE:

**AN EXISTING TERMINAL w/ DB25 CONNECTOR**

- USE THE 400725LB

**BACK OF TAG TERMINAL**

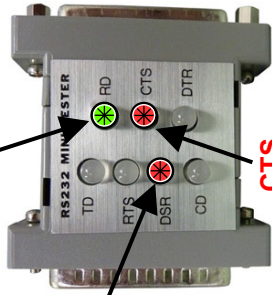


**DB25 (RS-232)  
FROM DMS SWITCH**

**(1) PN # 400700  
DB25F Gender Changer  
(INCLUDED - IF NEEDED)**

**1**

TO DETERMINE IF THE CABLE FROM THE DMS SWITCH IS RS232, USE PN # 400725LB MINI TRACER



**DSR (RED)**

**RD (GREEN)**

**CTS (RED)**

**DB25**

**2**

- IF THE TRACER LIGHTS AS SHOWN, THE CABLE IS RS232. CONTINUE TO INSTALL - SEE STEP 3.

- IF RS232 IS NOT PRESENT, CALL TAG FOR ASSISTANCE @ 856-753-8585

**PN # 400725LB  
DB25M to DB25F  
Mini Tracer  
(order separately)**

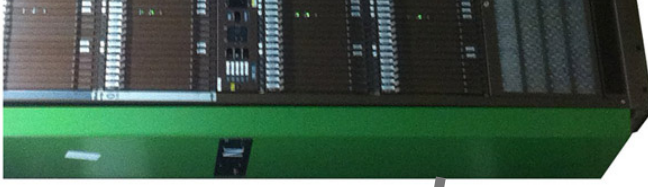
**3**

IF RS232 IS PRESENT, CONNECT THE DB25 TO THE BACK OF THE TERMINAL.

IF NECESSARY, USE THE SUPPLIED GENDER CHANGER (PN # 400700).

**FIGURE 18**

**DMS SWITCH**



150 Cooper Rd. (F-15)  
W. Berlin, NJ 08091

[www.tagcorps.com](http://www.tagcorps.com)

**Telecom Assistance Group**

Telephone: (856) 753-8585

Fax : (856) 768-7645