

VT220 REMAPPING

Your terminal has a special keyboard that contains most of the keys available on your VT/ANSI terminal keyboard. Use the keyboard to enter data in the TE screens.

The keys on the keyboard have their main character or operation marked directly on the key itself. To access that character or operation, just press the key.

You can access TE commands and functions printed above the keys by pressing key combinations. For example, on a 2415, 2425, 2455, or 248X, you can use the Function Left () , Function Right () , Shift () , and Control () keys to access characters or functions listed above the keys.

2415 Terminal

Your 2415 terminal has one of these keyboards:

- ▶ 55-key
- ▶ 37-key numeric
- ▶ 37-key function numeric

[Figure 1](#) shows the 55-key keyboard.

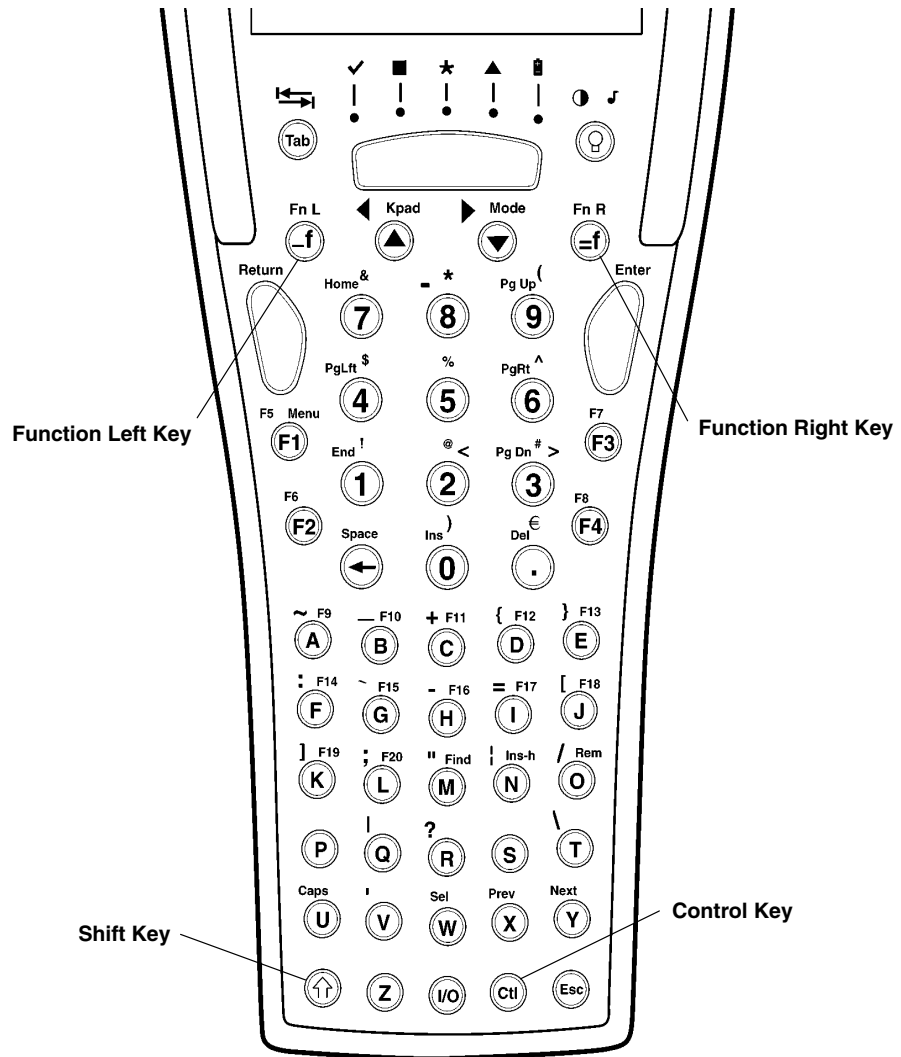


Figure1
2415 Terminal 55-Key Keyboard

Figure 2 shows the 37-key numeric keyboard, which has alphabetic keys in the primary plane.

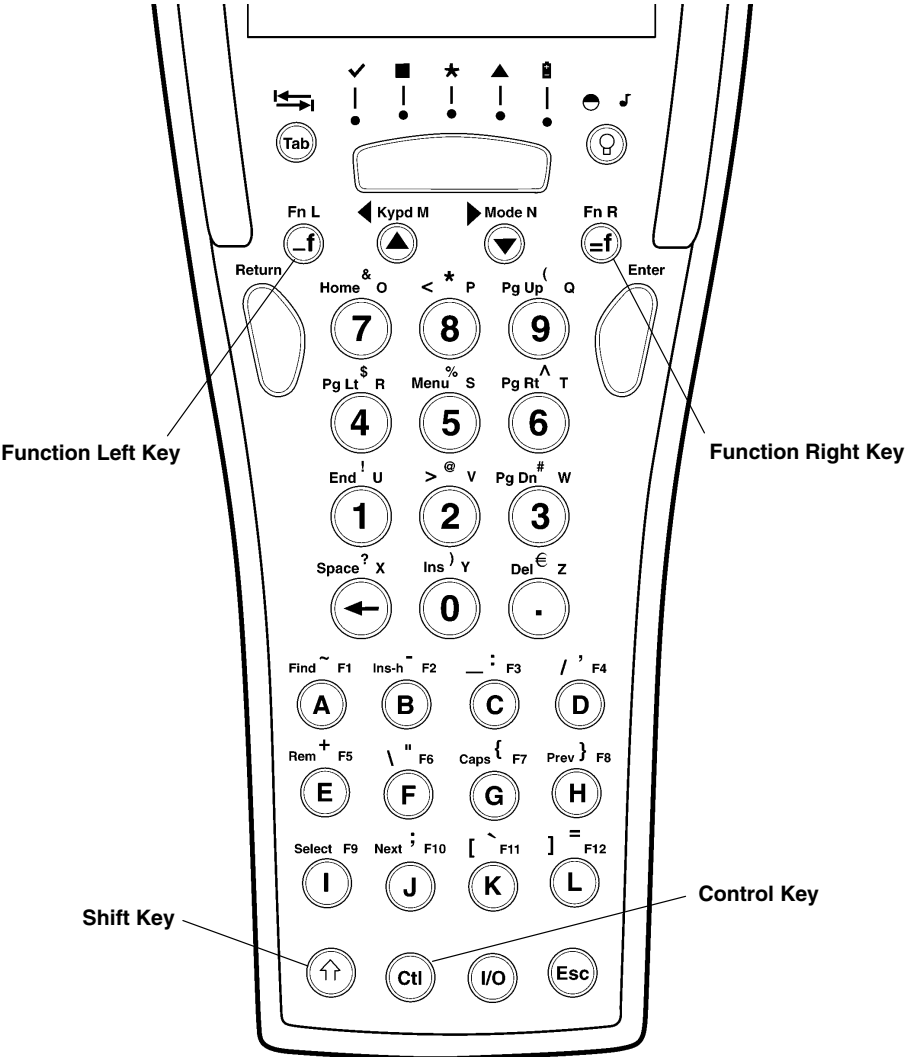


Figure 2
2415 Terminal 37-Key Numeric Keyboard

Figure 3 shows the 37-key function numeric keyboard, which has function keys in the primary plane.

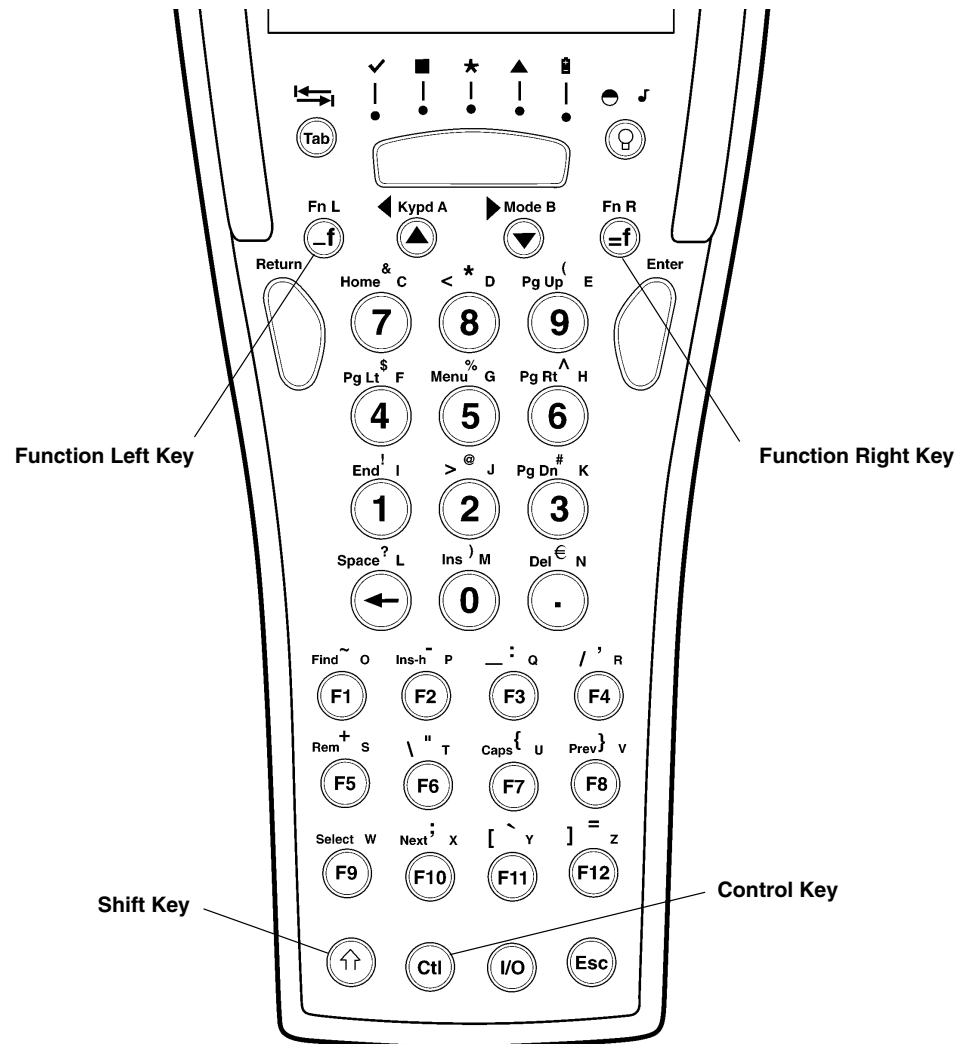


Figure 3
2415 Terminal 37-Key Function Numeric Keyboard

For help with using the keyboard, refer to the *TRAKKER Antares 241X Hand-Held Terminal User's Manual* (P/N 069538).

2415 Cursor Keys

To Enter	Press the Keys
Window/viewport up	▲
Window/viewport down	▼
Window/viewport right	Ⓜ ▼
Window/viewport left	Ⓜ ▲

2415 Paging Keys

To Enter	Press the Keys
Page up	Ⓜ 9
Page down	Ⓜ 3
Page right	Ⓜ 6
Page left	Ⓜ 4

2415 Standard Keys

To Enter	Press the Keys
Numbers	0 - 9
Symbols	Ⓜ or Ⓜ, plus corresponding key.

2415 Function Keys

To Enter	Press the Key(s)		
	55-Key Keyboard	37-Key Numeric Keyboard	37-Key Function Numeric Keyboard
Back Tab	Ⓜ Tab	Ⓜ Tab	Ⓜ Tab
Backspace	←	←	←
Caps Lock	Ⓜ U	Ⓜ G	Ⓜ F7
Ctrl	Ⓜ	Ⓜ	Ⓜ
Delete	Ⓜ .	Ⓜ .	Ⓜ .
Forward Tab	Tab	Tab	Tab
Return	↵	↵	↵
Shift	⇧	⇧	⇧
Space bar	Ⓜ ←	Ⓜ ←	Ⓜ ←

2415 Editing Keys

To Enter	Press the Keys		
	55-Key Keyboard	37-Key Numeric Keyboard	37-Key Function Numeric Keyboard
Find	M	A	F1
Insert here	N	B	F2
Next screen	Y	J	F10
Prev screen	X	H	F8
Remove	O	E	F5
Select	W	I	F9

2415 Top-Row Function Keys

To Enter	Press the Key(s)		
	55-Key Keyboard	37-Key Numeric Keyboard	37-Key Function Numeric Keyboard
F5 (Break)	F1	E	F5
F6	F2	F	F6
F7	F3	G	F7
F8	F4	H	F8
F9	A	I	F9
F10	B	J	F10
F11	C	K	F11
F12	D	L	F12
F13	E	Not supported.	Not supported.
F14	F	Not supported.	Not supported.
F15	G	Not supported.	Not supported.
F16	H	Not supported.	Not supported.
F17	I	Not supported.	Not supported.
F18	J	Not supported.	Not supported.
F19	K	Not supported.	Not supported.
F20	L	Not supported.	Not supported.

2415 Transmission Mode

To toggle between Line Edit (block) mode and Character mode, press  ▼.

2415 Auto-Login Restart

To enter Auto-Login Restart, scan the bar code in [Appendix A](#).

2415 Control Keys

To Enter	Press the Keys	
	55-Key Keyboard	37-Key Keyboard
FS (file separator)	 	  
GS (group separator)	 	  
RS (record separator)	 	  
US (unit separator)	 	  
NUL (null)	 	 

2415 VT/ANSI Additional Functions

To	Press the Keys	
	55-Key Keyboard	37-Key Keyboard
Access TE configuration menus	 	 
Toggle between Application mode and Numeric Keypad mode	No keys available. Use the TE configuration menus or set from the host. For more information, see Section 4 .	

2425 Terminal

Figure 4 shows the keyboard for the 2425 terminal.

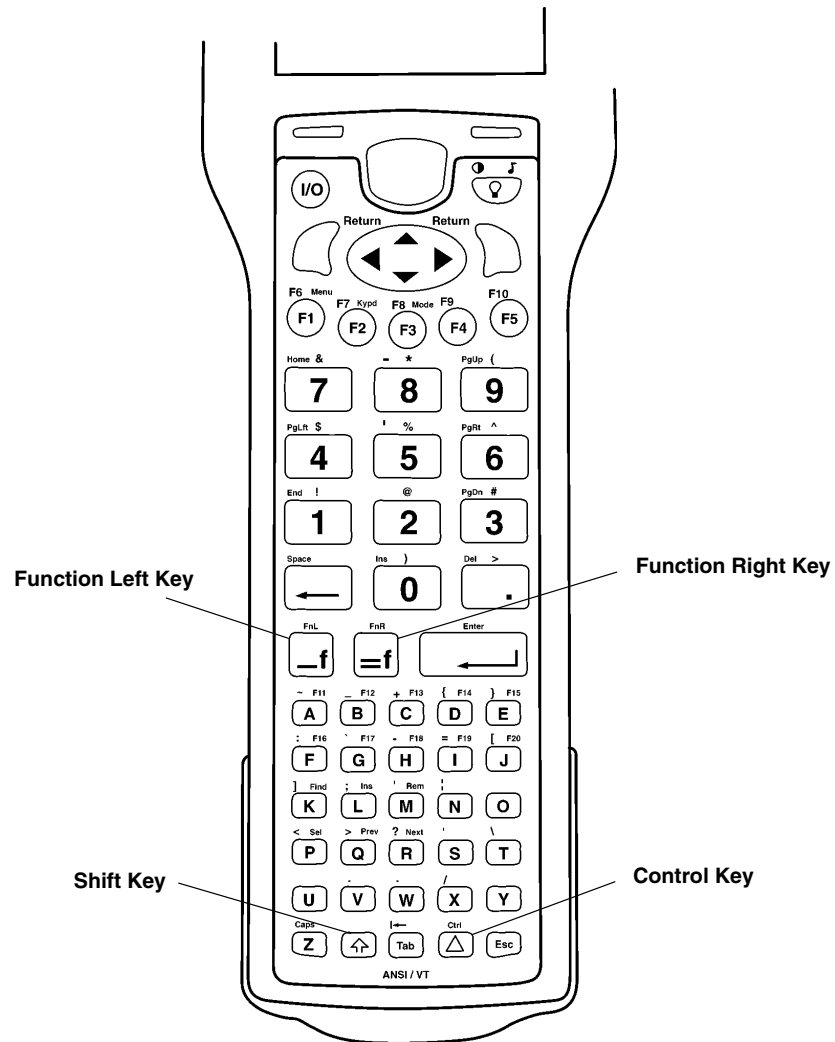


Figure 4
2425 Terminal Keyboard

For help with using the keyboard, refer to the *TRAKKER Antares 2420 and 2425 Hand-Held Terminal User's Manual* (P/N 064024).

2425 Cursor Keys

To Enter	Press the Keys
Window/viewport up	 ▲
Window/viewport down	 ▼
Window/viewport right	 ►
Window/viewport left	 ◄

2425 Paging Keys

To Enter	Press the Keys
Page up	 
Page down	 
Page right	 
Page left	 

2425 Standard Keys

To Enter	Press the Keys
a-z	 - 
A-Z	  -  
Numbers	 - 
Symbols	 <i>or</i>  , plus corresponding key.

2425 Function Keys

To Enter	Press the Keys
Back Tab	 
Backspace	
Caps Lock	 
Ctrl	
Delete	 
Forward Tab	
Return	 <i>or</i> 
Shift	
Space bar	 

2425 Editing Keys

To Enter	Press the Keys
Find	 
Insert here	  <i>or</i>  
Next screen	 
Prev screen	 
Remove	 
Select	 

2425 Top-Row Function Keys

To Enter	Press the Keys
F5 (Break)	
F6	 
F7	 
F8	 
F9	 
F10	 
F11	 
F12	 
F13	 
F14	 
F15	 
F16	 
F17	 
F18	 
F19	 
F20	 

2425 Transmission Mode

To toggle between Line Edit (block) mode and Character mode, press  .

2425 Auto-Login Restart

To enter Auto-Login Restart, press   or scan the bar code in [Appendix A](#).

2425 Control Keys

To Enter	Press the Keys
FS (file separator)	 
GS (group separator)	 
RS (record separator)	 
US (unit separator)	 
NUL (null)	 

2425 VT/ANSI Additional Functions

To	Press the Keys
Access TE configuration menus	 
Toggle between Application mode and Numeric Keypad mode	No keys available. Use the TE configuration menus or set from the host. For more information, see Section 4 .

2455 Terminal

Figure 5 shows the keyboard for the 2455 terminal.

► **NOTE:** You must use the 2455 keyboard (P/N 067028) with the TE applications.

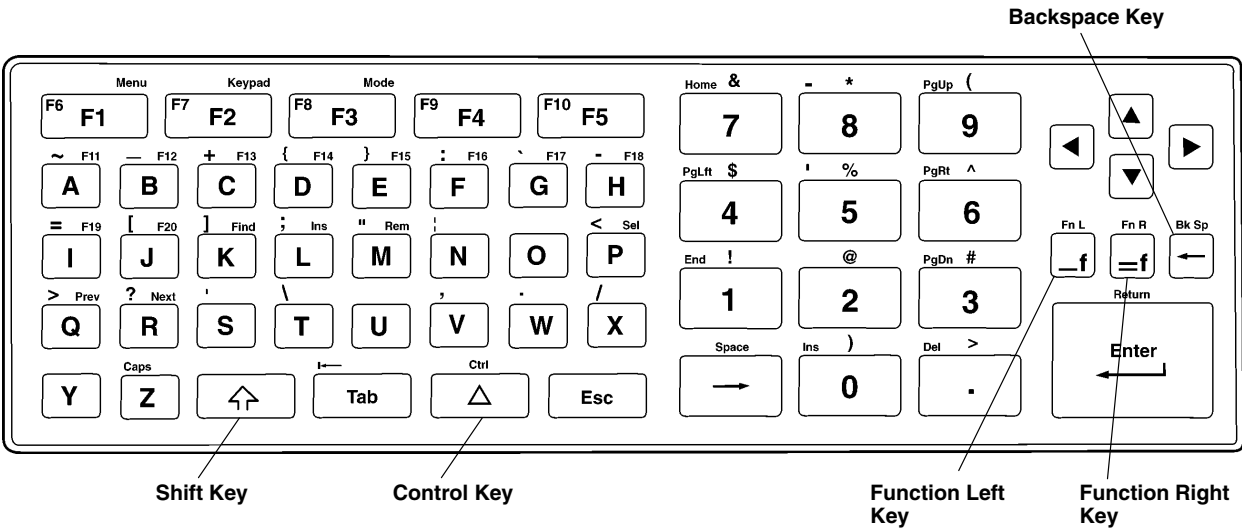


Figure 5
2455 Terminal Keyboard

For help with using the keyboard, refer to the *TRAKKER Antares 2455 Vehicle-Mount Terminal User's Manual* (P/N 067358).

2455 Cursor Keys

To Enter	Press the Keys
Window/viewport up	 
Window/viewport down	 
Window/viewport right	 
Window/viewport left	 

2455 Paging Keys

To Enter	Press the Keys
Page up	 
Page down	 
Page right	 
Page left	 

2455 Standard Keys

To Enter	Press the Keys
a-z	A - Z
A-Z	⇧ A - ⇧ Z
Numbers	0 - 9
Symbols	_f or ⇧ , plus corresponding key.

2455 Function Keys

To Enter	Press the Keys
Back Tab	_f Tab
Backspace	←
Caps Lock	_f Z
Ctrl	△
Delete	_f .
Forward Tab	Tab
Return	⇧ ↵
Shift	⇧
Space bar	→

2455 Editing Keys

To Enter	Press the Keys
Find	_f K
Insert here	_f L or _f 0
Next screen	_f R
Prev screen	_f Q
Remove	_f M
Select	_f P

2455 Top-Row Function Keys

To Enter	Press the Keys
F5 (Break)	
F6	 
F7	 
F8	 
F9	 
F10	 
F11	 
F12	 
F13	 
F14	 
F15	 
F16	 
F17	 
F18	 
F19	 
F20	 

2455 Transmission Mode

To toggle between Line Edit (block) mode and Character mode, press  .

2455 Auto-Login Restart

To enter Auto-Login Restart, press   or scan the bar code in [Appendix A](#).

2455 Control Keys

To Enter	Press the Keys
FS (file separator)	 
GS (group separator)	 
RS (record separator)	 
US (unit separator)	 
NUL (null)	 

2455 VT/ANSI Additional Functions

To	Press the Keys
Access TE configuration menus	 
Toggle between Application mode and Numeric Keypad mode	No keys available. Use the TE configuration menus or set from the host. For more information, see Section 4 .

248X Terminal

Figure 6 shows the keyboard for the 248X terminal.

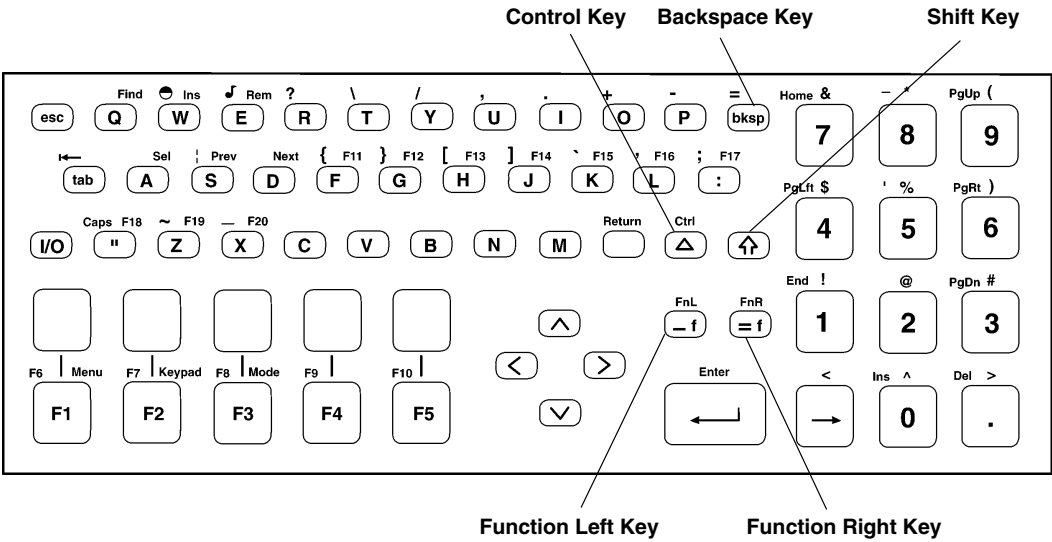


Figure 6
248X Terminal Keyboard

For help with using the keyboard, refer to the *TRAKKER Antares 248X Stationary Terminal User’s Manual* (P/N 066960).

248X Cursor Keys

To Enter	Press the Keys
Window/viewport up	f ^
Window/viewport down	f v
Window/viewport right	f >
Window/viewport left	f <

248X Paging Keys

To Enter	Press the Keys
Page up	f 9
Page down	f 3
Page right	f 6
Page left	f 4

248X Standard Keys

To Enter	Press the Keys
a-z	-
A-Z	-
Numbers	-
Symbols	or , plus corresponding key.

248X Function Keys

To Enter	Press the Keys
Back Tab	
Backspace	
Caps Lock	
Ctrl	
Delete	
Forward Tab	
Shift	
Space bar	

248X Editing Keys

To Enter	Press the Keys
Find	
Insert here	or
Next screen	
Prev screen	
Remove	
Select	

248X Top-Row Function Keys

To Enter	Press the Keys
F5 (Break)	
F6	 
F7	 
F8	 
F9	 
F10	 
F11	 
F12	 
F13	 
F14	 
F15	 
F16	 
F17	 
F18	 
F19	 
F20	 

248X Transmission Mode

To toggle between Line Edit (block) mode and Character mode, press  .

248X Auto-Login Restart

To enter Auto-Login Restart, press   or scan the bar code in [Appendix A](#).

248X Control Keys

To Enter	Press the Keys
FS (file separator)	 
GS (group separator)	 
RS (record separator)	 
US (unit separator)	 
NUL (null)	 

248X VT/ANSI Additional Functions

To	Press the Keys
Access TE configuration menus	 
Toggle between Application mode and Numeric Keypad mode	No keys available. Use the TE configuration menus or set from the host. For more information, see Section 4 .

Table 1
Control Characters for Auto-Login Script File

Control Character	Definition
<ACK>	Acknowledgment
<BEL>	Bell
<BS>	Backspace
<CAN>	Cancel
<CR>	Carriage Return
<CUR_DN>	Cursor Down
<CUR_LF>	Cursor Left
<CUR_RT>	Cursor Right
<CUR_UP>	Cursor Up
<DC1>	Device Control 1 (XON)
<DC2>	Device Control 2
<DC3>	Device Control 3 (XOFF)
<DC4>	Device Control
	Delete
<DLE>	Data Link Escape
	End of Medium
<ENQ>	Enquiry
<ENTER>	Enter
<EOT>	End of Transmission
<ESC>	Escape
<ETB>	End Transmission Block
<ETX>	End of Text
<F1> - <F20>	Function keys
<F21>	Toggles from Character mode/Line Edit (block) mode
<FF>	Form Feed
<FS>	File Separator
<GS>	Group Separator
<HT>	Horizontal Tab
<INS>	Insert
<LF>	Line Feed
<LTAB>	Left Tab
<NAK>	Negative Acknowledge
<NUL>	Null, or all zeroes
<RS>	Record Separator
<RTAB>	Right Tab
<SI>	Shift In
<SO>	Shift Out
<SOH>	Start of Heading
<SPACE>	Space
<STX>	Start of Text
<SUB>	Substitute
<SYN>	Synchronous Idle
<US>	Unit Separator
<VT>	Vertical Tab

Key Code Table

```
remap=<1031>="string" /* F1 key */
remap=<1032>="string" /* F2 key */
remap=<1033>="string" /* F3 key */
remap=<1034>="string" /* F4 key */
remap=<1035>="string" /* F5 key */
remap=<1036>="string" /* F6 key */
remap=<1037>="string" /* F7 key */
remap=<1038>="string" /* F8 key */
remap=<1039>="string" /* F9 key */
remap=<1061>="string" /* F10 key */
remap=<1062>="string" /* F11 key */
remap=<1063>="string" /* F12 key */
remap=<1064>="string" /* F13 key */
remap=<1065>="string" /* F15 key */
remap=<1066>="string" /* F16 key */
remap=<1067>="string" /* F17 key */
remap=<1068>="string" /* F18 key */
remap=<1069>="string" /* F19 key */
remap=<106a>="string" /* F20 key */
remap=<106b>="string" /* F21 key */
remap=<106c>="string" /* F22 key */
remap=<106d>="string" /* F23 key */
remap=<106e>="string" /* F24 key */

remap=<1042>="string" /* Back Tab key */
remap=<1044>="string" /* Del key */
remap=<1045>="string" /* Enter key */
remap=<1049>="string" /* Insert key */

remap=<104c>="string" /* Window/viewport left key */
remap=<1055>="string" /* Window/viewport up key */
remap=<1056>="string" /* Window/viewport down key */
remap=<105a>="string" /* Window/viewport right key */

remap=<0009>="string" /* Tab key */
remap=<0008>="string" /* Backspace key */

remap=<304c>="string" /* Page left key */
remap=<3055>="string" /* Page up key */
remap=<3056>="string" /* Page down key */
remap=<305a>="string" /* Page right key */

remap=<2041>="string" /* Auto-Login Restart key */
remap=<206c>="string" /* Menu key */

remap=<6061>="string" /* Find key */
remap=<6062>="string" /* Insert here key */
remap=<6063>="string" /* Remove key */
remap=<6064>="string" /* Select key */
remap=<6065>="string" /* Previous screen key */
remap=<6066>="string" /* Next screen key */

remap=<6067>="string" /* Keypad key */
remap=<6068>="string" /* Keypad Enter key */
remap=<6069>="string" /* Keypad 0 key */
remap=<606a>="string" /* Keypad 1 key */
remap=<606b>="string" /* Keypad 2 key */
remap=<606c>="string" /* Keypad 3 key */
```

```
remap=<606d>="string" /* Keypad 4 key*/
remap=<606e>="string" /* Keypad 5 key*/
remap=<606f>="string" /* Keypad 6 key*/
remap=<6070>="string" /* Keypad 7 key*/
remap=<6071>="string" /* Keypad 8 key*/
remap=<6072>="string" /* Keypad 9 key*/
remap=<6073>="string" /* Keypad . key*/
remap=<6077>="string" /* Keypad - key*/
remap=<6078>="string" /* Keypad + key*/

remap=<0030>="string" /* 0 key*/
remap=<0031>="string" /* 1 key*/
remap=<0032>="string" /* 2 key*/
remap=<0033>="string" /* 3 key*/
remap=<0034>="string" /* 4 key*/
remap=<0035>="string" /* 5 key*/
remap=<0036>="string" /* 6 key*/
remap=<0037>="string" /* 7 key*/
remap=<0038>="string" /* 8 key*/
remap=<0039>="string" /* 9 key*/

remap=<0041>="string" /* A key*/
remap=<0042>="string" /* B key*/
remap=<0043>="string" /* C key*/
remap=<0044>="string" /* D key*/
remap=<0045>="string" /* E key*/
remap=<0046>="string" /* F key*/
remap=<0047>="string" /* G key*/
remap=<0048>="string" /* H key*/
remap=<0049>="string" /* I key*/
remap=<004a>="string" /* J key*/
remap=<004b>="string" /* K key*/
remap=<004c>="string" /* L key*/
remap=<004d>="string" /* M key*/
remap=<004e>="string" /* N key*/
remap=<004f>="string" /* O key*/
remap=<0050>="string" /* P key*/
remap=<0051>="string" /* Q key*/
remap=<0052>="string" /* R key*/
remap=<0053>="string" /* S key*/
remap=<0054>="string" /* T key*/
remap=<0055>="string" /* U key*/
remap=<0056>="string" /* V key*/
remap=<0057>="string" /* W key*/
remap=<0058>="string" /* X key*/
remap=<0059>="string" /* Y key*/
remap=<005a>="string" /* Z key*/

remap=<0061>="string" /* a key*/
remap=<0062>="string" /* b key*/
remap=<0063>="string" /* c key*/
remap=<0064>="string" /* d key*/
remap=<0065>="string" /* e key*/
remap=<0066>="string" /* f key*/
remap=<0067>="string" /* g key*/
remap=<0068>="string" /* h key*/
remap=<0069>="string" /* i key*/
```

```
remap=<006a>="string" /* j key */
remap=<006b>="string" /* k key */
remap=<006c>="string" /* l key */
remap=<006d>="string" /* m key */
remap=<006e>="string" /* n key */
remap=<006f>="string" /* o key */
remap=<0070>="string" /* p key */
remap=<0071>="string" /* q key */
remap=<0072>="string" /* r key */
remap=<0073>="string" /* s key */
remap=<0074>="string" /* t key */
remap=<0075>="string" /* u key */
remap=<0076>="string" /* v key */
remap=<0077>="string" /* w key */
remap=<0078>="string" /* x key */
remap=<0079>="string" /* y key */
remap=<007a>="string" /* z key */

remap=<0020>="string" /* SPACE key */
remap=<0021>="string" /* ! key */
remap=<0022>="string" /* " key */
remap=<0023>="string" /* # key */
remap=<0024>="string" /* $ key */
remap=<0025>="string" /* % key */
remap=<0026>="string" /* & key */
remap=<0027>="string" /* ' key */
remap=<0028>="string" /* ( key */
remap=<0029>="string" /* ) key */
remap=<002a>="string" /* * key */
remap=<002b>="string" /* + key */
remap=<002c>="string" /* , key */
remap=<002d>="string" /* - key */
remap=<002e>="string" /* . key */
remap=<002f>="string" /* / key */
remap=<003a>="string" /* : key */
remap=<003b>="string" /* ; key */
remap=<003c>="string" /* < key */
remap=<003d>="string" /* = key */
remap=<003e>="string" /* > key */
remap=<003f>="string" /* ? key */
remap=<0040>="string" /* @ key */

remap=<005b>="string" /* [ key */
remap=<005c>="string" /* \ key */
remap=<005d>="string" /* ] key */
remap=<005e>="string" /* ^ key */
remap=<005f>="string" /* _ key */
remap=<0060>="string" /* ` key */
remap=<007b>="string" /* { key */
remap=<007c>="string" /* | key */
remap=<007d>="string" /* } key */
remap=<007e>="string" /* ~ key */
remap=<007f>="string" /* Del key */
```