

5250 REMAPPING

TERMINAL KEY DEFINITIONS

The key# needs to be The scan code of the key as shown in the following table.

* scan codes for the alpha keys */

A	0x1e41	/* A */
B	0x3042	/* B */
C	0x2e43	/* C */
D	0x2044	/* D */
E	0x1245	/* E */
F	0x2146	/* F */
G	0x2247	/* G */
H	0x2348	/* H */
I	0x1749	/* I */
J	0x244a	/* J */
K	0x254b	/* K */
L	0x264c	/* L */
M	0x324d	/* M */
N	0x314e	/* N */
O	0x184f	/* O */
P	0x1950	/* P */
Q	0x1051	/* Q */
R	0x1352	/* R */
S	0x1f53	/* S */
T	0x1454	/* T */
U	0x1655	/* U */
V	0x2f56	/* V */
W	0x1157	/* W */
X	0x2d58	/* X */
Y	0x1559	/* Y */
Z	0x2c5a	/* Z */

ESCAPE	0x011b
BCKSP	0x0e08
TAB	0x0f09
C_RET	0x1c0a
RETURN	0x1c0d

/* unshifted alpha keys */

a	0x1e61	/* a */
b	0x3062	/* b */
c	0x2e63	/* c */
d	0x2064	/* d */
e	0x1265	/* e */
f	0x2166	/* f */
g	0x2267	/* g */
h	0x2368	/* h */
i	0x1769	/* i */
j	0x246a	/* j */
k	0x256b	/* k */
l	0x266c	/* l */
m	0x326d	/* m */
n	0x316e	/* n */
o	0x186f	/* o */
p	0x1970	/* p */
q	0x1071	/* q */
r	0x1372	/* r */
s	0x1f73	/* s */
t	0x1474	/* t */
u	0x1675	/* u */
v	0x2f76	/* v */
w	0x1177	/* w */
x	0x2d78	/* x */
y	0x1579	/* y */
z	0x2c7a	/* z */

/* control-shifted alpha keys */

C_A	SC_A+0x01	/* ctrl A */
C_B	SC_B+0x02	/* ctrl B */
C_C	SC_C+0x03	/* ctrl C */
C_D	SC_D+0x04	/* ctrl D */
C_E	SC_E+0x05	/* ctrl E */
C_F	SC_F+0x06	/* ctrl F */
C_G	SC_G+0x07	/* ctrl G */
C_H	SC_H+0x08	/* ctrl H */
C_I	SC_I+0x09	/* ctrl I */
C_J	SC_J+0x0a	/* ctrl J */
C_K	SC_K+0x0b	/* ctrl K */
C_L	SC_L+0x0c	/* ctrl L */
C_M	SC_M+0x0d	/* ctrl M */
C_N	SC_N+0x0e	/* ctrl N */
C_O	SC_O+0x0f	/* ctrl O */
C_P	SC_P+0x10	/* ctrl P */
C_Q	SC_Q+0x11	/* ctrl Q */
C_R	SC_R+0x12	/* ctrl R */
C_S	SC_S+0x13	/* ctrl S */
C_T	SC_T+0x14	/* ctrl T */
C_U	SC_U+0x15	/* ctrl U */

```

C_V   SC_V+0x16 /* ctrl V */
C_W   SC_W+0x17 /* ctrl W */
C_X   SC_X+0x18 /* ctrl X */
C_Y   SC_Y+0x19 /* ctrl Y */
C_Z   SC_Z+0x1a /* ctrl Z */

```

```
/* alt-shifted alpha keys */
```

```

A_A   0x1e00 /* alt A */
A_B   0x3000 /* alt B */
A_C   0x2e00 /* alt C */
A_D   0x2000 /* alt D */
A_E   0x1200 /* alt E */
A_F   0x2100 /* alt F */
A_G   0x2200 /* alt G */
A_H   0x2300 /* alt H */
A_I   0x1700 /* alt I */
A_J   0x2400 /* alt J */
A_K   0x2500 /* alt K */
A_L   0x2600 /* alt L */
A_M   0x3200 /* alt M */
A_N   0x3100 /* alt N */
A_O   0x1800 /* alt O */
A_P   0x1900 /* alt P */
A_Q   0x1000 /* alt Q */
A_R   0x1300 /* alt R */
A_S   0x1f00 /* alt S */
A_T   0x1400 /* alt T */
A_U   0x1600 /* alt U */
A_V   0x2f00 /* alt V */
A_W   0x1100 /* alt W */
A_X   0x2d00 /* alt X */
A_Y   0x1500 /* alt Y */
A_Z   0x2c00 /* alt Z */

```

```
/* main keyboard numeric keys */
```

```

1     0x0200+'1' /* 1 */
2     0x0300+'2' /* 2 */
3     0x0400+'3' /* 3 */
4     0x0500+'4' /* 4 */
5     0x0600+'5' /* 5 */
6     0x0700+'6' /* 6 */
7     0x0800+'7' /* 7 */
8     0x0900+'8' /* 8 */
9     0x0a00+'9' /* 9 */
0     0x0b00+'0' /* 0 */

```

```
/* numeric keypad numeric keys */
```

```

K_1   0x4f31 /* keypad 1 */
K_2   0x5032 /* keypad 2 */
K_3   0x5133 /* keypad 3 */

```

K_4	0x4b34	/* keypad 4 */
K_5	0x4c35	/* keypad 5 */
K_6	0x4d36	/* keypad 6 */
K_7	0x4737	/* keypad 7 */
K_8	0x4838	/* keypad 8 */
K_9	0x4939	/* keypad 9 */
K_0	0x5230	/* keypad 0 */
C_BREAK	0x0000	/* ctrl BREAK */
C_BCKSP	0x007f	/* ctrl back space */
A_BCKSP	0x0a00	/* alt back space */
BCKTAB	0x0f00	/* back tab */
A_RET	0x1c00	/* alt return */
C__	0x0c1f	/* ctrl _ */
A_DOT	0x3400	/* alt . */
SP	0x3920	/* ' ' */
F1	0x3b00	
F2	0x3c00	
F3	0x3d00	
F4	0x3e00	
F5	0x3f00	
F6	0x4000	
F7	0x4100	
F8	0x4200	
F9	0x4300	
F10	0x4400	
F11	0x8500	
F12	0x8600	
HOME	0x4700	
UP	0x4800	
PGUP	0x4900	
LEFT	0x4b00	
RIGHT	0x4d00	
ENDK	0x4f00	
DOWN	0x5000	
PGDN	0x5100	
INSK	0x5200	
DEL	0x5300	
C_LEFT	0x7300	/* ctrl left */
C_RIGHT	0x7400	/* ctrl right */
C_END	0x7500	/* ctrl end */
C_PGDN	0x7600	/* ctrl pgdn */
C_HOME	0x7700	/* ctrl home */
A_1	0x7800	/* alt 1 */
A_2	0x7900	/* alt 2 */
A_3	0x7a00	/* alt 3 */
A_4	0x7b00	/* alt 4 */
A_5	0x7c00	/* alt 5 */
A_6	0x7d00	/* alt 6 */
A_7	0x7e00	/* alt 7 */
A_8	0x7f00	/* alt 8 */

A_9	0x8000	/* alt 9 */
A_0	0x8100	/* alt 0 */
A_MINUS	0x8200	/* alt - */
A_EQUAL	0x8300	/* alt = */
C_PGUP	0x8400	/* ctrl pgup */
C_MINUS	0x8e00	/* ctrl - */
C_DEL	0x9300	/* ctrl del */
C_F1	0x5e00	/* CTL F1 */
C_F2	0x5f00	/* CTL F2 */
C_F3	0x6000	/* CTL F3 */
C_F4	0x6100	/* CTL F4 */
C_F5	0x6200	/* CTL F5 */
C_F6	0x6300	/* CTL F6 */
C_F7	0x6400	/* CTL F7 */
C_F8	0x6500	/* CTL F8 */
C_F9	0x6600	/* CTL F9 */
C_F10	0x6700	/* CTL F10 */
C_F11	0x8900	/* CTL F11 */
C_F12	0x8a00	/* CTL F12 */
A_F1	0x6800	/* ALT F1 */
A_F2	0x6900	/* ALT F2 */
A_F3	0x6a00	/* ALT F3 */
A_F4	0x6b00	/* ALT F4 */
A_F5	0x6c00	/* ALT F5 */
A_F6	0x6d00	/* ALT F6 */
A_F7	0x6e00	/* ALT F7 */
A_F8	0x6f00	/* ALT F8 */
A_F9	0x7000	/* ALT F9 */
A_F10	0x7100	/* ALT F10 */
A_F11	0x8b00	/* ALT F11 */
A_F12	0x8c00	/* ALT F12 */

/* Punctuation and special characters */

__ACCENTGRAVE	0x2960	/* ` */
__TILDE	0x297e	/* ~ */
__EXCLAMATION	0x0221	/* ! */
__AT	0x0340	/* @ */
__SHARP	0x0423	/* # */
__DOLLAR	0x0524	/* \$ */
__PERCENT	0x0625	/* % */
__CARET	0x075e	/* ^ */
__AMPERSAND	0x0826	/* & */
__ASTERISK	0x092a	/* * */
__LPAREN	0x0a28	/* (*/
__RPAREN	0x0b29	/*) */
__MINUS	0x0c2d	/* - */
__UNDERSCORE	0x0c5f	/* _ */
__EQUAL	0x0d3d	/* = */
__PLUS	0x0d2b	/* + */
__BACKSLASH	0x2b5c	/* \ */

__VERTICALBAR	0x2b7c	/* */
__LBRACKET	0x1a5b	/* [*/
__LBRACE	0x1a7b	/* { */
__RBRACKET	0x1b5d	/*] */
__RBRACE	0x1b7d	/* } */
__SEMICOLON	0x273b	/* ; */
__COLON	0x273a	/* : */
__SINGLEQUOTE	0x2827	/* ' */
__QUOTE	0x2822	/* " */
__COMMA	0x332a	/* , */
__LESS	0x333c	/* < */
__DOT	0x342e	/* . */
__GREATER	0x343e	/* > */
__SLASH	0x352f	/* / */
__QUESTION	0x353f	/* ? */

REPLACEMENT KEY VALUES

The key meanings and the value to place in the replacement file are shown below.
These are the valid key values for the replacement file.

KBD_ATTEN	0x3051	/* attention */
KBD_BACKLIGHT	0x404c	/* turn on/off backlight*/
KBD_BACKSPACE	0x103c	/* backspace */
KBD_BACKTAB	0x1042	/* back tab */
KBD_CANCEL	0x3052	/* cancel */
KBD_CLEAR	0x1043	/* clear */
KBD_CLOSE	0x5043	/* BiDi Hebrew Close */
KBD_CURSORSEL	0x304a	/* cursor select */
KBD_DEL	0x1044	/* delete */
KBD_DOWN	0x1056	/* cursor down */
KBD_DUP	0x4044	/* dup */
KBD_ENTER	0x1045	/* enter */
KBD_EOF	0x1046	/* erase EOF */
KBD_ERASEINP	0x3046	/* erase input */
KBD_F1	0x1031	/* pf11 */
KBD_F2	0x1032	/* pf12 */
KBD_F3	0x1033	/* pf13 */
KBD_F4	0x1034	/* pf14 */
KBD_F5	0x1035	/* pf15 */
KBD_F6	0x1036	/* pf16 */
KBD_F7	0x1037	/* pf17 */
KBD_F8	0x1038	/* pf18 */
KBD_F9	0x1039	/* pf19 */
KBD_F10	0x1061	/* pf10 */
KBD_F11	0x1062	/* pf11 */
KBD_F12	0x1063	/* pf12 */
KBD_F13	0x1064	/* pf13 */
KBD_F14	0x1065	/* pf14 */
KBD_F15	0x1066	/* pf15 */
KBD_F16	0x1067	/* pf16 */
KBD_F17	0x1068	/* pf17 */
KBD_F18	0x1069	/* pf18 */
KBD_F19	0x106a	/* pf19 */
KBD_F20	0x106b	/* pf20 */
KBD_F21	0x106c	/* pf21 */
KBD_F22	0x106d	/* pf22 */
KBD_F23	0x106e	/* pf23 */
KBD_F24	0x106f	/* pf24 */
KBD_FIND	0x3061	/* ALT-4 */
KBD_FLDEXIT	0x3045	/* field exit */
KBD_FLDEXIT_MAYBE	0x4045	/* exit if field
touched*/		
KBD_FLDMINUS	0x302d	/* field minus */
KBD_FLDPLUS	0x302b	/* field plus */

KBD_HEBREW	0x5048	/* BiDi Hebrew
language */		
KBD_HELP	0x1048	/* help */
KBD_HEX	0x3058	/* hexadecimal */
KBD_HOME	0x1030	/* home */
KBD_INSERT	0x1049	/* insert toggle */
KBD_INSERT_HERE	0x3062	/* ALT-5 */
KBD_KEYJAM_PACE	0x4064	/* key jam pacing */
KBD_KEYPAD	0x3067	/* BOTTOM UNLABEL */
KBD_KEYPAD_0	0x3069	
KBD_KEYPAD_1	0x306a	
KBD_KEYPAD_2	0x306b	
KBD_KEYPAD_3	0x306c	
KBD_KEYPAD_4	0x306d	
KBD_KEYPAD_5	0x306e	
KBD_KEYPAD_6	0x306f	
KBD_KEYPAD_7	0x3070	
KBD_KEYPAD_8	0x3071	
KBD_KEYPAD_9	0x3072	
KBD_KEYPAD_DOT	0x3073	
KBD_KEYPAD_ENTER	0x3068	
KBD_KEY_INVALID	0x3074	
KBD_KEYPAD_MINUS	0x3077	
KBD_KEYPAD_PLUS	0x3078	
KBD_LEFT	0x104c	/* cursor left */
KBD_MACRO	0x204d	/* macro expansion
key */		
KBD_MONITOR	0x206d	/* menu key */
KBD_NEWLINE	0x104e	/* new line */
KBD_NEXT_SCREEN	0x3066	
KBD_PA1	0x1078	/* pa1 */
KBD_PA2	0x1079	/* pa2 */
KBD_PA3	0x107a	/* pa3 */
KBD_PAGEDOWN	0x3056	/* cursor down fast */
KBD_PAGELEFT	0x304c	/* cursor left fast */
KBD_PAGERIGHT	0x305a	/* cursor right fast */
KBD_PAGEUP	0x3055	/* cursor up fast */
KBD_PREV_SCREEN	0x3065	
KBD_PRINT	0x1050	/* print */
KBD_REMOVE	0x3063	
KBD_REVERSE	0x5052	/* BiDi Reverse */
KBD_RESET	0x1052	/* reset */
KBD_RIGHT	0x105a	/* cursor right */
KBD_ROLLDOWN	0x1076	/* roll down */
KBD_ROLLLEFT	0x3075	
KBD_ROLLRIGHT	0x3076	
KBD_ROLLUP	0x1075	/* roll up */
KBD_SCANAUTO	0x4073	/* force auto-scan */
KBD_SCANNER	0x4053	/* scanbios has barcode */
KBD_SELECT	0x3064	
KBD_SESSION_SWITCH	0x3054	/* switch session */

KBD_SHIFT_TOGGLE	0x307a	
KBD_STOP_FLUSH	0x4040	/* stop key buff flush */
KBD_SYSREQ	0x3048	/* system request */
KBD_TAB	0x1054	/* tab */
KBD_UP	0x1055	/* cursor up */
KBD_ZOOM	0x405a	/* select alt scrn size */
0x00	0x0000	
0x01	0x0001	
0x02	0x0002	
0x03	0x0003	
0x04	0x0004	
0x05	0x0005	
0x06	0x0006	
0x07	0x0007	
0x08	0x0008	
0x09	0x0009	
0x0a	0x000a	
0x0b	0x000b	
0x0c	0x000c	
0x0d	0x000d	
0x0e	0x000e	
0x0f	0x000f	
0x10	0x0010	
0x11	0x0011	
0x12	0x0012	
0x13	0x0013	
0x14	0x0014	
0x15	0x0015	
0x16	0x0016	
0x17	0x0017	
0x18	0x0018	
0x19	0x0019	
0x1a	0x001a	
0x1b	0x001b	
0x1c	0x001c	
0x1d	0x001d	
0x1e	0x001e	
0x1f	0x001f	
' '	0x0020	
'!'	0x0021	
'"'	0x0022	
'#'	0x0023	
'\$'	0x0024	
'%'	0x0025	
'&'	0x0026	
'\''	0x0027	
'('	0x0028	
')'	0x0029	
'*'	0x002a	
'+'	0x002b	
'/'	0x002c	

' - '	0x002d
' . '	0x002e
' / '	0x002f
' 0 '	0x0030
' 1 '	0x0031
' 2 '	0x0032
' 3 '	0x0033
' 4 '	0x0034
' 5 '	0x0035
' 6 '	0x0036
' 7 '	0x0037
' 8 '	0x0038
' 9 '	0x0039
' : '	0x003a
' ; '	0x003b
' < '	0x003c
' = '	0x003d
' > '	0x003e
' ? '	0x003f
' @ '	0x0040
' A '	0x0041
' B '	0x0042
' C '	0x0043
' D '	0x0044
' E '	0x0045
' F '	0x0046
' G '	0x0047
' H '	0x0048
' I '	0x0049
' J '	0x004a
' K '	0x004b
' L '	0x004c
' M '	0x004d
' N '	0x004e
' O '	0x004f
' P '	0x0050
' Q '	0x0051
' R '	0x0052
' S '	0x0053
' T '	0x0054
' U '	0x0055
' V '	0x0056
' W '	0x0057
' X '	0x0058
' Y '	0x0059
' Z '	0x005a
' ['	0x005b
' \ '	0x005c
'] '	0x005d
' ^ '	0x005e
' _ '	0x005f

'\'	0x0060
'a'	0x0061
'b'	0x0062
'c'	0x0063
'd'	0x0064
'e'	0x0065
'f'	0x0066
'g'	0x0067
'h'	0x0068
'i'	0x0069
'j'	0x006a
'k'	0x006b
'l'	0x006c
'm'	0x006d
'n'	0x006e
'o'	0x006f
'p'	0x0070
'q'	0x0071
'r'	0x0072
's'	0x0073
't'	0x0074
'u'	0x0075
'v'	0x0076
'w'	0x0077
'x'	0x0078
'y'	0x0079
'z'	0x007a
'{'	0x007b
' '	0x007c
'}'	0x007d
'~'	0x007e
0x7f	0x007f

Using the Terminal's Keyboard

Your terminal has a special keyboard that contains most of the keys available on your 5250 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 either a 55-key keyboard ([Figure 1](#)) or a 37-key keyboard ([Figure 2](#)).

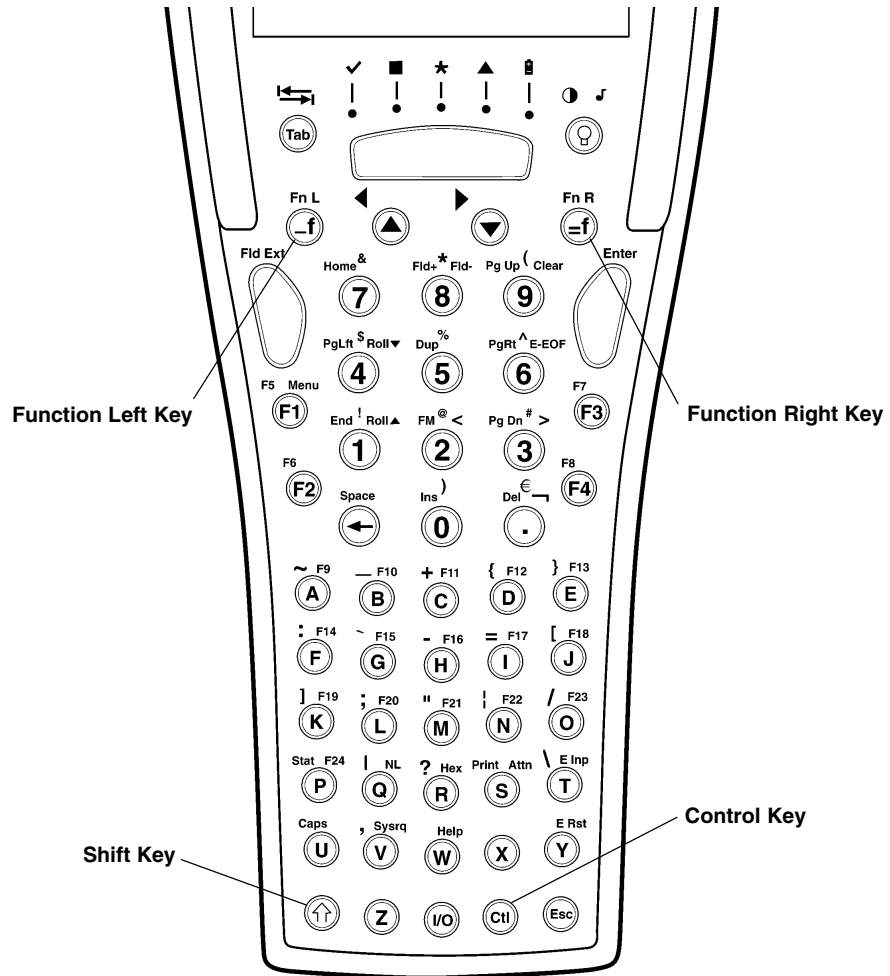


Figure 1
2415 Terminal 55-Key Keyboard

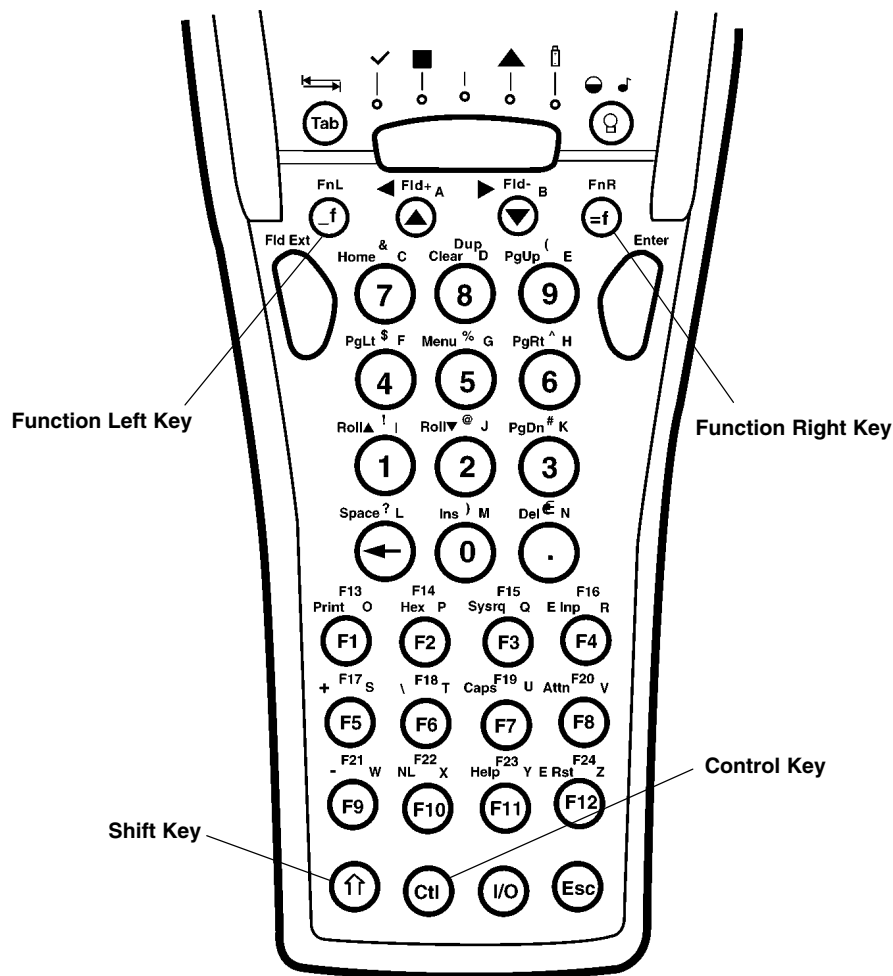


Figure 2
2415 Terminal 37-Key Keyboard

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 Tab Keys

To Enter	Press the Keys
Back Tab	 
Forward Tab	

2415 AID-Generating Keys

To Enter	Press the Keys	
	55-Key Keyboard	37-Key Keyboard
Clear	 9	 8
Enter/Rec Adv		
F1		
F2		
F3		
F4		
F5	 	
F6	 	
F7	 	
F8	 	
F9	 	
F10	 	
F11	 	
F12	 	
F13	 	 
F14	 	 
F15	 	 
F16	 	 
F17	 	 
F18	 	 
F19	 	 
F20	 	 

To Enter	55-Key Keyboard	37-Key Keyboard
F21	 M	 F9
F22	 N	 F10
F23	 O	 F11
F24	 P	 F12
Help (nonerror state)	 W	 F11
Print	 S	 F1
Record Backspace (Home)	 7	 7
Roll Down	 4	 2
Roll Up	 1	 1

2415 Field Exit Key

To Enter	Press the Key
Field Exit	

2415 Signal Keys

To Enter	Press the Keys	
	55-Key Keyboard	37-Key Keyboard
Attn	 S	 F8
Help (from error state)	 W	 F11

2415 Special Control Keys

To Enter	Press the Keys	
	55-Key Keyboard	37-Key Keyboard
Del	 .	 .
Erase Input	 T	 F4
Error Reset	 Y	 F12
Hex	 R	 F2
Home	 7	 7
Insert	 0	 0
Shift Lock	 U	 F7

2415 Special Host Key

To Enter	Press the Keys	
	55-Key Keyboard	37-Key Keyboard
Sys Req	 V	 F3

2415 5250 Additional Functions

To Enter	Press the Keys	
	55-Key Keyboard	37-Key Keyboard
¢ (cent sign)	Not supported.	Not supported.
↵ (New Line)	Ⓜ Ⓚ	Ⓜ Ⓛ10
¬ (Not symbol)	Ⓜ .	Not supported.
Dup (duplicate enabled fields only)	Ⓜ 5	↶ 8
Field-	Ⓜ 8	↶ ▼
Field+	Ⓜ 8	↶ ▲
Field Mark	Ⓜ 2	Not supported.

2415 Auto-Login Restart

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

2425 Terminal

Figure 3-3 shows the keyboard for the 2425 terminal.

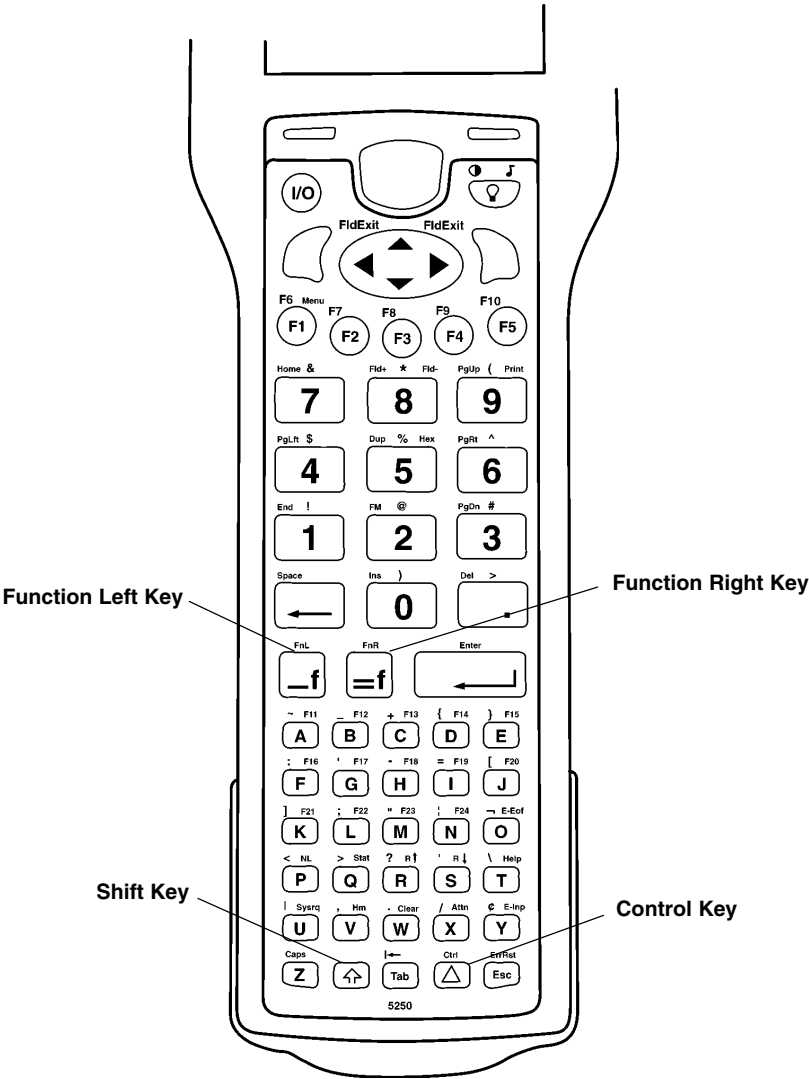


Figure 3
2425 Terminal Keyboard

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	f ▲
Window/viewport down	f ▼
Window/viewport right	f ►
Window/viewport left	f ◀

2425 Paging Keys

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

2425 Tab Keys

To Enter	Press the Keys
Back Tab	 
Forward Tab	

2425 AID-Generating Keys

To Enter	Press the Keys
Clear	 
Enter/Rec Adv	
F1	
F2	
F3	
F4	
F5	
F6	 
F7	 
F8	 
F9	 
F10	 
F11	 
F12	 
F13	 
F14	 
F15	 
F16	 
F17	 
F18	 
F19	 
F20	 
F21	 
F22	 
F23	 
F24	 
Help (nonerror state)	 
Print	 
Record Backspace (Home)	 
Roll Down	 
Roll Up	 

2425 Field Exit Key

To Enter	Press the Key
Field Exit	 or 

2425 Signal Keys

To Enter	Press the Keys
Attn	 
Help (from error state)	 

2425 Special Control Keys

To Enter	Press the Key(s)
Del	 
Erase Input	 
Error Reset	 
Hex	 
Home	 
Insert	 
Shift Lock	 

2425 Special Host Key

To Enter	Press the Keys
Sys Req	 

2425 5250 Additional Functions

To Enter	Press the Keys
¢ (cent sign)	 
↵ (New Line)	 
¬ (Not symbol)	 
Dup (duplicate enabled fields only)	 
Field-	 
Field+	 
Field Mark	 

2425 Auto-Login Restart

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

2455 Terminal

Figure 4 shows the keyboard for the 2455 terminal.

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

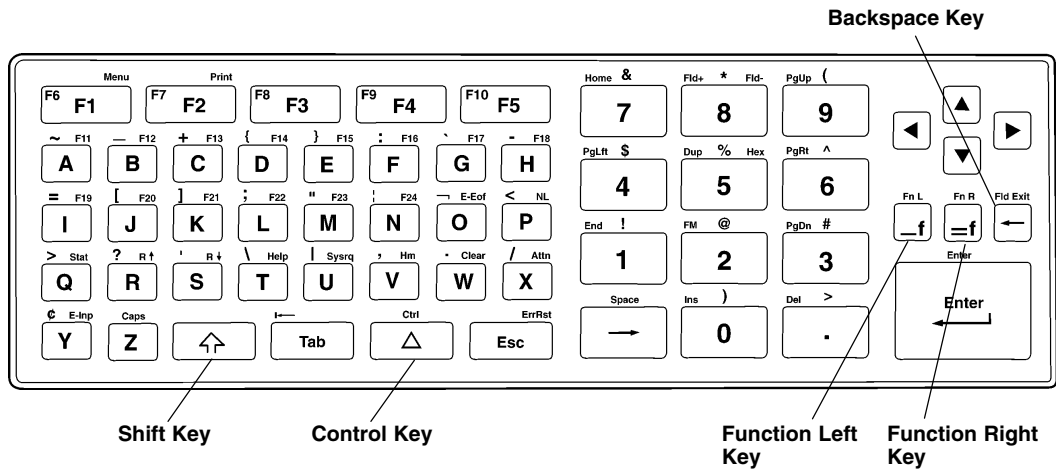


Figure 4
2455 Terminal Keyboard

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	f ▲
Window/viewport down	f ▼
Window/viewport right	f ►
Window/viewport left	f ◀

2455 Paging Keys

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

2455 Tab Keys

To Enter	Press the Keys
Back Tab	 
Forward Tab	

2455 AID-Generating Keys

To Enter	Press the Keys
Clear	 
Enter/Rec Adv	
F1	
F2	
F3	
F4	
F5	
F6	 
F7	 
F8	 
F9	 
F10	 
F11	 
F12	 
F13	 
F14	 
F15	 
F16	 
F17	 
F18	 
F19	 
F20	 
F21	 
F22	 
F23	 
F24	 
Help (nonerror state)	 
Print	 
Record Backspace (Home)	 
Roll Down	 
Roll Up	 

2455 Field Exit Key

To Enter	Press the Key
Field Exit	FldExit

2455 Signal Keys

To Enter	Press the Keys
Attn	 
Help (from error state)	 

2455 Special Control Keys

To Enter	Press the Key(s)
Del	 
Erase Input	 
Error Reset	 
Hex	 
Home	 
Insert	 
Shift Lock	 

2455 Special Host Key

To Enter	Press the Keys
Sys Req	 

2455 5250 Additional Functions

To Enter	Press the Keys
¢ (cent sign)	 
↵ (New Line)	 
¬ (Not symbol)	 
Dup (duplicate enabled fields only)	 
Field-	 
Field+	 
Field Mark	 

2455 Auto-Login Restart

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

248X Terminal

Figure 3-5 shows the keyboard for the 248X terminal.

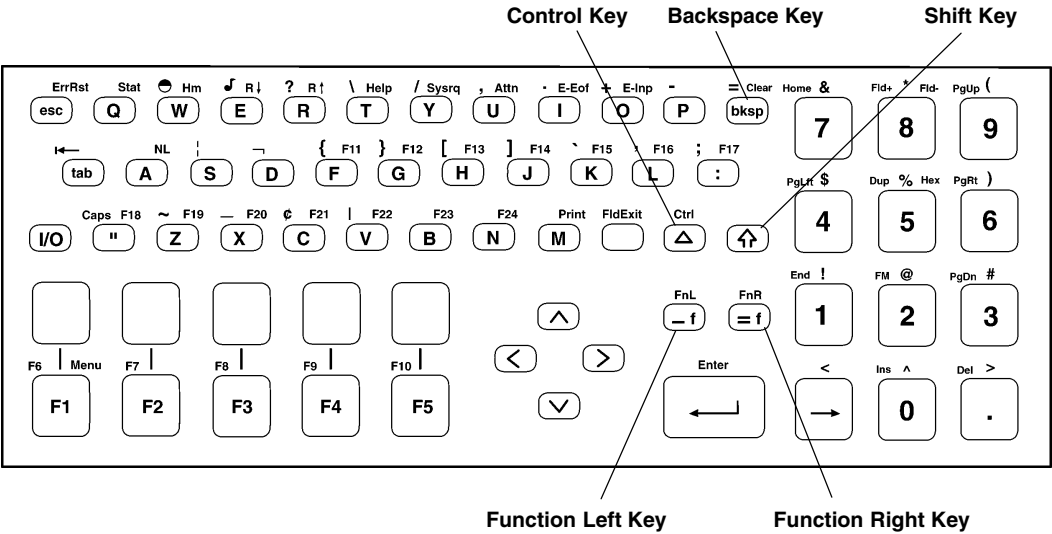


Figure 5
248X Terminal Keyboard

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	
Window/viewport down	
Window/viewport right	
Window/viewport left	

248X Paging Keys

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

248X Tab Keys

To Enter	Press the Keys
Back Tab	 
Forward Tab	

248X AID-Generating Keys

To Enter	Press the Keys
Clear	 
Enter/Rec Adv	
F1	
F2	
F3	
F4	
F5	
F6	 
F7	 
F8	 
F9	 
F10	 
F11	 
F12	 
F13	 
F14	 
F15	 
F16	 
F17	 
F18	 
F19	 
F20	 
F21	 
F22	 
F23	 
F24	 
Help (nonerror state)	 
Print	 
Record Backspace (Home)	 
Roll Down	 
Roll Up	 

248X Field Exit Key

To Enter	Press the Key
Field Exit	FldExit

248X Signal Keys

To Enter	Press the Keys
Attn	 
Help (from error state)	 

248X Special Control Keys

To Enter	Press the Key(s)
Del	 
Erase Input	 
Error Reset	 
Hex	 
Home	 
Insert	 
Shift Lock	 

248X Special Host Key

To Enter	Press the Keys
Sys Req	 

248X 5250 Additional Functions

To Enter	Press the Keys
¢ (cent sign)	 
↵ (New Line)	 
¬ (Not symbol)	 
Dup (duplicate enabled fields only)	 
Field-	 
Field+	 
Field Mark	 

248X Auto-Login Restart

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

Developing Auto-Login Script Files

A typical auto-login script file consists of Input and InputHidden commands followed by a HostName command, followed by a series of WaitFor and Send commands. A very simple script file may not have any input commands if all of the terminals are using the same account.

Commands

You can use several commands to create auto-login script files. All commands are case-sensitive. For example, WaitFor is a command, but Waitfor is not a valid command. For examples of script files, see “[Sample Auto-Login Script Files](#)” later in this section.

The following chart describes the commands.

Command	Description
Input	Input is called with two parameters. The first one is a character string enclosed in quotes that is used as a prompt to the user. The second one is a string variable name indicating where the text string will be stored.
InputHidden	Same as the Input script command except that user input is echoed as a string of asterisks.
HostName	HostName is followed by a character string enclosed in quotes. The character string can be a host name or an asterisk. The host name command acts as an IF clause. If the host name matches, the following section of the script file is executed up to the next host name command. If an asterisk is used, it matches any host name.
WaitFor	Wait for a list of up to 10 strings. The strings must be enclosed in quotes and must be separated by a comma. The strings cannot exceed 20 characters in length.
Send	This command sends a character string enclosed in quotes or a string variable to the host. The character string enclosed in quotes can have embedded IBM mnemonics in 5250 TE.
Pause “xxxxx”	Delays the terminal for x milliseconds.
PromptSessionStart	This command is a predefined variable. If this variable is defined and set to any value other than 0, the application prompts the user to press [Enter] before starting a Telnet session with the host. Do not put quotes around the variable.
Restart “x”	Restarts the autologin script file. The “x” is a dummy argument.
Keyboard “0”	Disables the keyboard. Key presses are ignored. For additional information, see Note below.
Keyboard “1”	Enables the keyboard. Key presses are processed. The keyboard is enabled by default. For additional information, see Note below.

► **NOTE:**

The Keyboard “0” or Keyboard “1” command must be input into the autologin script file after the PromptSessionStart command (if present) and the HostName command (if present). The keyboard command must also be turned on before another HostName command is found in the file.

Search Strings

Some auto-login search string limitations are as follows:

- ▶ The searches are case sensitive.
- ▶ The maximum search string length is 20 characters.
- ▶ Each WaitFor command searches the entire screen from the top.

You can use line wrapping to look for unique strings.

If a screen from the host has multiples of the word you are looking for, you can use the preceding spaces to identify a unique string.

EXAMPLE:

If the screen sent to the terminal is:

```
Linux rlogin 2.4.6
login
```

The autologin script would be:

```
PromptSessionStart=1
HostName "*"
#wait for host login screen and send login and password
WaitFor " login"
Send "billy<ENTER>"
WaitFor "password"
Send "letmein<ENTER>"
```

In this example, you can search for the three leading spaces from the end of the previous line to make a unique search string.

Control Characters

You can include control characters in your auto-login script file. The control character must be enclosed by < > (angle brackets) in AUTOLOG.SCR.

[Table 1](#) lists control characters for 5250 TE.

Table1
Control Characters for Auto-Login Script File

Control Character	Definition
<ATTN>	Attention
<CLEAR>	Clear
<CUR_DN>	Cursor Down
<CUR_LF>	Cursor Left
<CUR_RT>	Cursor Right
<CUR_UP>	Cursor Up
	Delete
<ENTER>	Enter
<ERS_EOF>	Erase Input
<F1> - <F24>	Function keys
<HOME>	Home
<INS>	Insert
<LTAB>	Left Tab
<NEWLN>	New Line
<RESET>	Error Reset
<ROLL_DOWN>	Roll Down
<ROLL_UP>	Roll Up
<RTAB>	Right Tab
<SPACE>	Space

Loading the Auto-Login Script File

Follow these procedures to download an auto-login script file to your terminal. The method depends on the type of terminal you are using.

2415, 2425, 2455, or 248X Terminal

You can download more than one script file to a 2415, 2425, 2455, or 248X terminal, but name the file you want to use immediately as AUTOLOG.SCR and name any other script files with different names ending with .SCR. To learn more about transferring files, refer to your terminal's user manual.

To use the serial port to download the file:

1. Create your auto-login script file using any text editor. Or, copy and modify one of the [sample script files](#) later in this section.
2. Save the file you create as AUTOLOG.SCR.
3. Connect the terminal to the development personal computer or host. For help, refer to your terminal's user manual or your accessory documentation.
4. Download the AUTOLOG.SCR file to the terminal. You must load the AUTOLOG.SCR file into drive C, where the TE application is stored. For help, refer to your terminal's user manual.

To use RF communications to download the file:

1. Create your auto-login script file using any text editor, or copy and modify one of the [sample script files](#) later in this section.
2. Save the file you create as AUTOLOG.SCR.
3. Copy the AUTOLOG.SCR file to the DCS 300 in a UDP Plus network, or copy the AUTOLOG.SCR file to a host in a TCP/IP direct connect network.
4. Use the Download Server option on the DCS 300 to download the file to the terminal.

Or, use your TFTP application on the host to download the file to the terminal.

When you reset your terminal, it clears the auto-login information, such as the password and user's name. You can cancel the auto-login process by pressing any key during the auto-login sequence. When a host session is broken, you can restart the auto-login sequence by rebooting your terminal.

6400 or 5055 Computer

1. Using any text editor, create the auto-login script file on a personal computer. Or, copy and modify one of the [sample script files](#) later in this section.
2. Save the file you create as AUTOLOG.SCR.
3. Use INTERLNK/INTERSVR communications to connect your terminal to a personal computer. For help, see "[Downloading Files](#)" later in this section. You must load AUTOLOG.SCR into drive C, where the TE application is stored.