

## [How to set up a KEYMAP.xxx file for an IBM 4694 50-key Keyboard](#)

The KEYMAP.xxx file resides in the ADX\_UDT1 directory on all controllers.

The KEYMAP.000 file is part of the ASM (Applied Software Maintenance) install diskette for QConnect. The ASM QConnect install diskette must be installed on every controller that is to load and support QConnect terminals.

The KEYMAP.xxx file has an extension, xxx, which represents one of the following:

- \* If xxx = 000, this is the default KEYMAP file to be used if a KEYMAP file does not exist for a particular terminal number.

- \* If xxx = nnn (where nnn is a terminal number), values from this file will be used for terminal nnn only.

### **KEYMAP Layout and Syntax**

Each line within the KEYMAP file must be one of the following:

- o a blank line
- o a comment line /\* this a comment \*/
- o a key mapping line a = 73

Note: Several parameters formerly contained in the KEYMAP file have been moved to the CDIFILE. The description here omits all parms which now reside in the CDI file. If any of these parms are specified in the KEYMAP file, however, they take precedence over similar parms specified in the CDI file. Please remove any obsolete parms from this file and make sure their corollary definitions are present in the CDI file.

```
/* Key Map File Syntax: */
/* [key_name] = [key POS function code] /* comment . . . . . */ */
/* */
/* "key_name" can be left blank for no key mapping or it can be */
/* a single key letter, number, or special function code associated */
/* with the character generated by the keyboard. */
/* */
/* "key POS function code" can either be the POS function code value */
/* */
/* such as: 73, 61, 95, 115, 222 */
/* */
/* or it can be one of the "right side" special key values such as: */
/* NOKEY, NUM_00 ,NUM_000 */
/* */
```

/\* Comments begin with "/\*" and end with "\*/", they must began and \*/  
/\* end on the same line. \*/

### **KEYMAP "left side" values (Key names)**

Alphanumeric or special character represents code generated by the key

BKSP = Back Space Character

SP = Space Character

ENT = Enter key

'C-' = Ctrl key held down in addition to an alphanumeric key. The other key must be represented within single quotes unless the key has a special name. Examples: C-'a' or C-F2

Fx = Represents code for a function key (F1-F10)

### **KEYMAP "right side" values (POS Function Codes)**

NOKEY No key function code is assigned to this key.

NUM\_00 sends '0','0' to the application

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THRTKEY issue Document Insert (DI) open or close throat

DOCEJEC issue Document Eject

CUT\_KEY test key assignment setting to cut the customer receipt

CUTPKY test key assignment setting partial cut of the receipt

CR\_\_KEY test key to advance the CR printer

SJ\_\_KEY test key to advance the SJ printer

DI\_\_KEY test key to advance the DI printer

DIBKKEY test key to backup the paper in the DI printer

PTSTKEY test key to test printing from the terminal

S1\_FC used to assign the S1 IBM system key

S2\_FC used to assign the S2 IBM system key

SCR\_UP scrolls UP electronic journal on Full Screen display

SCR\_DN scrolls DOWN electronic journal on Full Screen display

Note: The S1 and S2 keys default to the IBM default keys. Either of these two keys must be pressed in conjunction with the CTRL key. Unless you want to specify other keys, a definition of S1\_FC and S2\_FC is unnecessary.

### **Sample KEYMAP file for IBM 4694 50-Key Keyboard**

```
/* KEYMAP definition for checkout terminals in Store */  
/* */  
/* Even though alphanumeric keys do not exist on a */
```

```
/* 4694 50 key keyboard, please define them as NOKEY */
/* as in the sample below */
a = 65 /* Manufacturer's Coupon */
b = 211 /* Department 12 */
c = 206 /* Department 7 */
d = 202 /* Department 3 */
e = 210 /* Department 11 */
f = 204 /* Department 5 */
g = 214 /* Department 15 */
h = 67 /* Refund */
i = 61 /* Sign on/off */
j = 66 /* Store Coupo

n */
k = 79 /* Override */
l = 207 /* Department 8 */
m = 208 /* Department 9 */
n = 82 /* Suspend/Retrieve */
o = 93 /* Food Stamps Tender */
p = 91 /* Cash Tender */
q = 70 /* Void */
r = 74 /* Price */
s = 201 /* Department 2 */
t = 203 /* Department 4 */
u = 76 /* Food Stamps/No Food Stamps */
v = 96 /* Miscellaneous Tender 3 */
w = 92 /* Check Tender */
x = 215 /* Department 16 */
c-'a' = SCR_UP /* Scroll Up */
x = SCR_UP /* Scroll Up */
y = 71 /* Tare */
c-'b' = SCR_DN /* Scroll Down */
y = SCR_DN /* Scroll Down */
z = 205 /* Department 6 */
+ = 200 /* Department 1 */
- = 77 /* Tax/No Tax */
* = 94 /* Miscellaneous Tender 1 */
/ = 95 /* Miscellaneous Tender 2 */
. = 73 /* Clear */
, = 72 /* Weight */
; = 75 /* Quantity */
ENT = 80 /* Enter */
SPACE = 62 /* Discount */
BKSP = 100 /* No Sale */
```

F3 = 81 /\* Total \*/  
\ = 78 /\* Decimal Point \*/

### IBM 4694 50-Key IBM 4694 Keyboard Definition Template

#### Left Keys

a	b	c		d	e
j	k	l	7	8	9
q	r	s	4	5	6
x	y	z	1	2	3
. (period)	, (comma)	; semi-colon	0	0	\

#### Right Side Keys

f	g	h	i
m	n	o	p
t	u	v	w
+	-	*	/
ENTER	SP	BKSP	F3