



The MINDER Series™ Set Up Notes

How to Configure Honeywell 1450G/1452G Scanner for TOOL*MINDER

Why does the Barcode Scanner need configuring?

Typically a new Scanner (or perhaps an existing scanner which has been changed) does not transmit each scanned Barcode in a format which TOOL*MINDER automatically recognizes. It may also require the User to press the 'Enter' key after each scanned Barcode instead of the scanner sending the 'Enter' automatically.

TOOL*MINDER OTC Tools Issue and Returns screen require the Barcode Scanner to be configured to transmit the AIM Symbology Identifier as a prefix to the Barcoded number.

To check if your Scanner is correctly configured open up Notepad (this program is usually located in the Accessories Menu or type in 'Notepad' in Windows 10 Search box).

Make sure the mouse is inside Notepad and scan a Borrower, Tool or Product Barcode.

You should see the Barcode displayed as follows; this example uses a Product Barcode = '9313139233982' ...



The 1st three characters = 'JE0' is the Barcode's Symbology Identifier.

If there is no 'JE0' or similar prefix then you need to configure the Scanner to transmit these.

Each scanned Barcode type (Symbology is the correct terminology) has an AIM Prefix.

The cursor must also move to the start of the immediately following line (and not two lines later).

If the cursor remains at the end of the scanned Barcode it means there is no 'Enter' Key Postamble attached and this is required otherwise the User must manual press the 'Enter' key each time.

The following Barcode Symbologies are used by TOOL*MINDER and their AIM Prefix:

- Tool ID = 'JCO' – Code 128
- Borrower ID and Location ID = 'JG0' – Code 93
- Product ID = 'JE0' – GS1 GTIN13, also known as EAN13
- OTC Menu button = 'JA0' – Code 39

Each of these Symbology Prefixes must be listed in the MINDER Database PARAM Table.

The PARAM can only be accessed by your TOOL*MINDER Administrator and we strongly recommend discussing with B&DCS before making any changes.

Steps to Configure 1450G/1452G Barcode Scanner

1. Download User Guide <https://country.honeywellaidc.com/CatalogDocuments/VG1450-UG.pdf>
2. Print the following page numbers and scan the required Barcode or scan these Barcodes direct from your computer screen (may need to increase size of page to enable on-screen scanning).
3. Section 1 - 7 (page 19) Resetting the Custom Defaults - Activate Custom Defaults Barcode = DEFALT. Use this Barcode if you make a mistake and to start again.



DEFALT.

Activate Custom Defaults

4. Section 5 - 1 Data Editing (page 91) - To Add a Prefix or Suffix - This page has all the steps needed as described next Steps
5. Step 1. Section 5 - 2 (page 91) Prefix Selections - Add Prefix - scan Barcode = PREBK2.



Add Prefix

6. Step 2. Ignore this step
7. Step 3. Go to Programming Chart (page 202) - Scan '9' now scan again '9' (K9K)



9



9

8. Step 4. Go to Programming Chart (pages 202 and 203) - Scan '5' then scan 'C' (on page 203). Make sure you cover all un-required Barcodes.



5



C

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8. continued...

Scan '8' (page 202) then scan '1'



K8K

8



K1K

1

9. Step 5. Ignore

10. Step 6. Ignore

11. Step 7. (Page 203) Scan '**Save**' (MNUSAV.)



MNUSAV.

Save

12. Adding the 'Enter' Key as the Postamble Character.

Using Section 5 -2 (page 92) - To Add a Carriage Return Suffix to All Symbologies - Scan Barcode = VSUFCR.



VSUFCR.

**Add CR Suffix
All Symbologies**

This does not always work. Use the following method id the above has not worked....

13. Step 1. Section 5 -2 (Page 92) Suffix Selections – Add Suffix

Suffix Selections



SUFBK2.

Add Suffix

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14. Step 2. Go to Programming Chart (page 202) - Scan '9', now scan again '9' (K9K)



15. Step 3. Go to Section A -3 (Page 191) look up the Hex value of the 'Enter' Key (also called 'CR' – Carriage Return) = '0D' (zero + D)

Non-printable characters		ASCII control
DEC	HEX	Char
0	00	NUL
1	01	SOH
2	02	STX
3	03	ETX
4	04	EOT
5	05	ENQ
6	06	ACK
7	07	BEL
8	08	BS
9	09	HT
10	0A	LF
11	0B	VT
12	0C	FF
13	0D	CR
14	0E	SO
15	0F	SI
16	10	DLE
17	11	DC1
18	12	DC2
19	13	DC3
20	14	DC4
21	15	NAK
22	16	SYN
23	17	ETB

16. Now scan the '0' (zero) from the Programming Chart (Page 202)...



17. Now scan the 'D' from the Programming Chart (page 203) ...



18. Scan the 'Save' Barcode from page 203...



19. Check the configuration by scanning sample Barcodes into Notepad.