

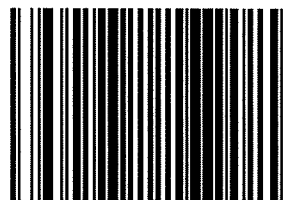
What Is Programming Mode?

Programming Mode is a state in which the scanner must be placed in order to accept commands via programming bar code labels. When programming using the bar code labels in this manual, the scanner is typically placed in Programming Mode by scanning the SWITCH label.

While in the Programming Mode, the scanner only recognizes ONLY the special programming bar codes contained in this programming guide. See Appendix A for information about scanner indications while in Programming Mode.

Entering and Exiting Programming Mode.

Use the bar code label below to enter and exit ('switch' into and out of) Programming Mode.



SWITCH LABEL



RS-232 Single Cable Interface Selection

Remember to cover any unused bar codes on this and the facing page to ensure that the scanner reads only the bar code you intend to scan.



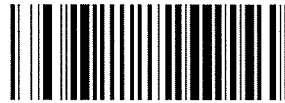
CAUTION

Great care should be taken to select the correct interface type, since you can cause damage to the scanner and/or POS terminal by attempting to change to an incompatible interface. **ALWAYS** make interface selections with the host cable **DISCONNECTED**.



NOTE

Single cable installations require connection at the POS Terminal (host) port. The Scale Host port connection is not used for this interface.



INTERFACE TYPE = RS-232 SINGLE CABLE

RS-232 Label ID Control

This feature specifies whether or not Label IDs are transmitted to the host and if so, whether to attach them as a prefix or suffix.



RS-232 LABEL ID CONTROL = DISABLE

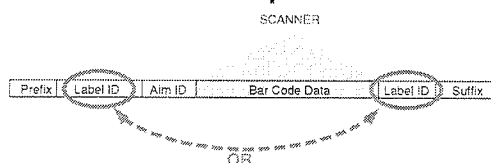


RS-232 LABEL ID CONTROL = ENABLE AS PREFIX

Label ID Control — continued

- Scan 4'
- Scan '0'
- Scan '0'
- Scan '0'
- Scan '0'
- Scan the Switch label

Figure 6-2. Label ID Position Options



Remember to cover any unused bar codes on this and the facing page to ensure that the scanner reads only the bar code you intend to scan.



UPC-A Check Character Transmission

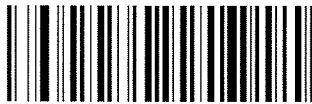
Enables/disables transmission of a UPC-A check character.

To set this feature:

1. Scan the SWITCH bar code.
2. Scan either the enable or disable bar code below. You'll need to cover any unused bar codes on this and the facing page to ensure that the scanner reads only the bar code you intend to scan.
3. Complete the programming sequence by scanning the SWITCH bar code.



UPC-A CHECK CHARACTER TRANSMISSION = DISABLE



UPC-A CHECK CHARACTER TRANSMISSION = ENABLE





Remote Display — Enable/Disable

The scanning-scale can be configured to operate with or without a Remote Display.

**NOTE**

Recalibration/recertification may be required when adding a Remote Display. Consult your local Weights and Measures authority.

If this feature is enabled the scanner will expect that it is connected to a Remote Display, and will indicate an error if one is not. See Error Codes on page 64 in the Problem Isolation on page 63 section for more information.

To set this feature:

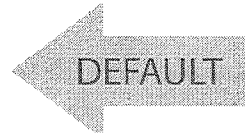
1. Scan the Enter/Exit Programming Mode bar code.
2. Scan your selection from the bar codes below. You'll need to cover any unused bar codes on this and the facing page to ensure that the scanner reads only the bar code you intend to scan.
3. Complete the programming sequence by scanning the Enter/Exit Programming Mode bar code.

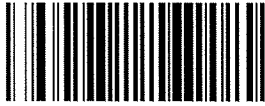


Remote Display = Disable



Remote Display = Enable





Single Cable RS-232 Scanner Only Protocol

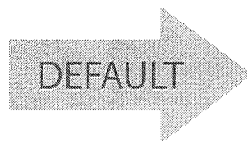
This sets the type of interface protocol that will be used in Single Cable RS-232.

Options are:

- Scanner/scale RS-232 protocol
- Scanner only RS-232 protocol

To set this feature:

1. Scan the Enter/Exit Programming Mode bar code.
2. Scan the bar code below representing the desired option. You'll need to cover any unused bar codes on this and the facing page to ensure that the scanner reads only the bar code you intend to scan.
3. Complete the programming sequence by scanning the Enter/Exit Programming Mode bar code.



Single Cable RS-232 Scanner Only Protocol = Scanner/scale
RS-232 protocol



Single Cable RS-232 Scanner Only Protocol = Scanner Only
protocol



Label ID

Label ID Control

This feature specifies whether or not Label IDs are transmitted to the host and if so, whether to attach them as a prefix or suffix.

Choices are:

- Disable
- Enable as a Prefix
- Enable as a Suffix

To select the option for Label ID Control:

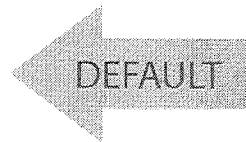
1. Scan the Enter/Exit Programming Mode bar code.
2. Scan the desired option from the bar codes below. You'll need to cover any unused bar codes on this and the facing page to ensure that the scanner reads only the bar code you intend to scan.
3. Complete the programming sequence by scanning the Enter/Exit Programming Mode bar code.



Label ID Control = Disable



Label ID Control = Enable as a Prefix



Label ID Control = Enable as a Suffix



UPC-A Check Character Transmission

Enables/disables transmission of a UPC-A check character.



This item is ignored when the advanced feature, Full Label Edit, is enabled.

NOTE

To set this feature:

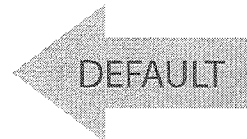
1. Scan the Enter/Exit Programming Mode bar code.
2. Scan either the enable or disable bar code below. You'll need to cover any unused bar codes on this and the facing page to ensure that the scanner reads only the bar code you intend to scan.
3. Complete the programming sequence by scanning the Enter/Exit Programming Mode bar code.



UPC-A Check Character Transmission = Disable



UPC-A Check Character Transmission = Enable





Enter/Exit Programming Mode

EAN-13 Check Character Transmission

Enables/disables transmission of an EAN/JAN-13 check character.



This item is ignored when the advanced feature, Full Label Edit, is enabled.

NOTE

To set this feature:

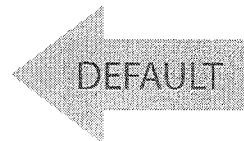
1. Scan the Enter/Exit Programming Mode bar code.
2. Scan either the enable or disable bar code below. You'll need to cover any unused bar codes on this and the facing page to ensure that the scanner reads only the bar code you intend to scan.
3. Complete the programming sequence by scanning the Enter/Exit Programming Mode bar code.

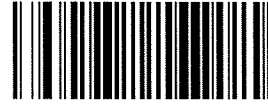


EAN-13 Check Character Transmission = Disable



EAN-13 Check Character Transmission = Enable





Enter/Exit Programming Mode

EAN-8 Check Character Transmission

Enables/disables transmission of an EAN/JAN-8 check character.



This item is ignored when the advanced feature, Full Label Edit, is enabled.

NOTE

To set this feature:

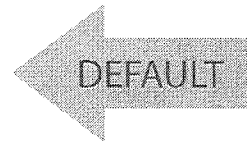
1. Scan the Enter/Exit Programming Mode bar code.
2. Scan either the enable or disable bar code below. You'll need to cover any unused bar codes on this and the facing page to ensure that the scanner reads only the bar code you intend to scan.
3. Complete the programming sequence by scanning the Enter/Exit Programming Mode bar code.



EAN-8 Check Character Transmission = Disable



EAN-8 Check Character Transmission = Enable



LED and Beeper Indicators

The scanner provides a set of indicators that verify/announce the various scanner functions. See Appendix A for more details.

If You Make a Mistake...

If, during a programming session, you find that you are unsure of the scanner's settings or wish to reset the scanner's configuration, use the Return to Factory Settings label below to return the scanner's configuration to the factory settings. Scanning this label will also reset any changes made during previous programming sessions.

Return to Factory Settings

Scan the bar code below to return the scanner to the default settings configured at the factory for the currently active interface. This bar code is typically used to return the scanner to a "known" operating state when the present programming status is not known, faulty, or suspect.



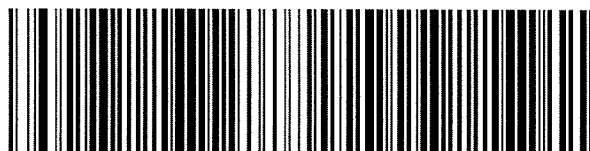
CAUTION

Use this bar code with caution, since it will reset ALL features that may have been programmed since the scanner's installation.



NOTE

DO NOT scan the Enter/Exit Programming Mode bar code before and after scanning this bar code.



RETURN TO FACTORY SETTINGS