

User's Guide

BAR CODE SCANNER USER'S GUIDE

Bar Code Scanner User's Guide

Introduction

This document presents basic information about setting up the Dynalab Bar Code Scanner. Specifically, the following topics are covered:

- 1 Description of the items shipped with the scanner
- 2 How to connect the scanner to the Analyzer
- 3 How to configure the scanner's volume level and triggered vs. triggerless operation
- 4 How to set up and use the stand for hands free operation
- 5 Maintenance

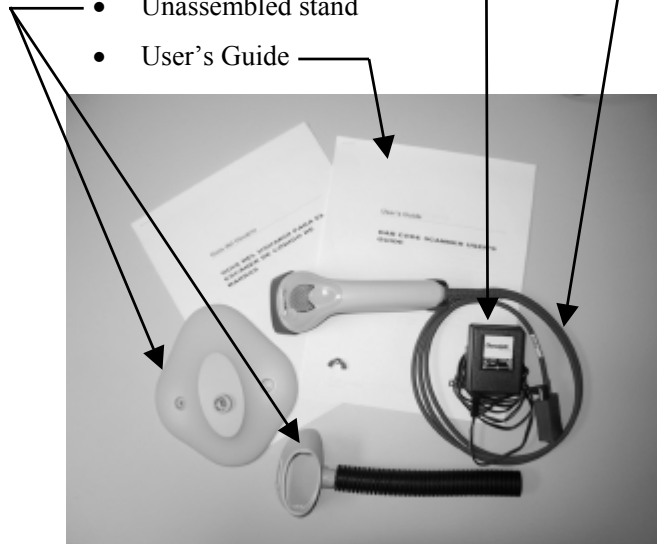
This document does not cover topics relating to programming the Analyzer to accept input from the scanner. PASS programming topics are covered in the following Application Notes:

- *Using the Bar Code Scanner for Program Selection*
- *Using the Bar Code Scanner to Validate Product Identification*
- *Label Printing Instructions*, page 28: Printing Scanned Bar Code Information

Unpacking the Scanner and Accessories

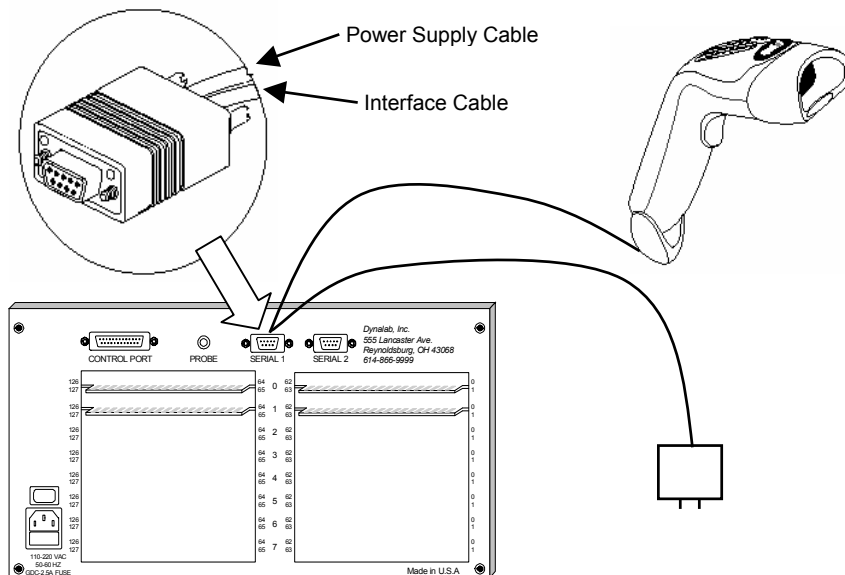
The scanner is shipped with the following accessories:

- Interface cable with DB-9 connector
- Power Supply
- Unassembled stand
- User's Guide



If any of these items is missing, please contact Dynalab support.

Connections



The scanner is connected to the Analyzer as shown here.

The DB-9 connector plugs into the Analyzer's Serial Port 1.

The Power Supply Cable plugs into the back of the DB-9 connector.

Scanner Configuration

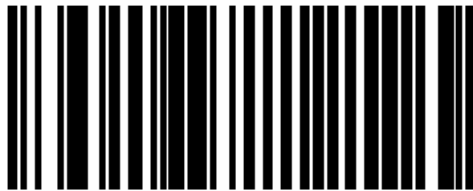
The scanner is pre-configured to operate with the Dynalab Circuit Analyzer. However, there are several configuration options that a user may wish to change. These configuration options can be changed simply by scanning the appropriate configuration bar code.

Trigger Mode

The scanner is pre-configured for triggered operation.

Scan the **Triggerless Mode** bar code to turn off trigger functionality and place the scanner in constant-on mode. In constant-on mode, the trigger has no effect. The laser is constantly on and blinking.

Scan the **Trigger Mode** bar code to activate the trigger and turn off constant-on mode.



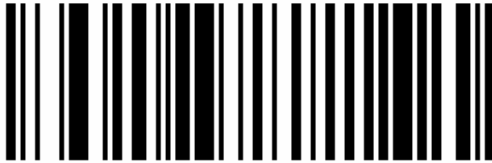
TRIGGER MODE



TRIGGERLESS MODE

Beep Tone Volume Level

To select a beeper volume level, scan the **LOW VOLUME**, **MEDIUM VOLUME**, or **HIGH VOLUME** bar code.



LOW VOLUME



MEDIUM VOLUME

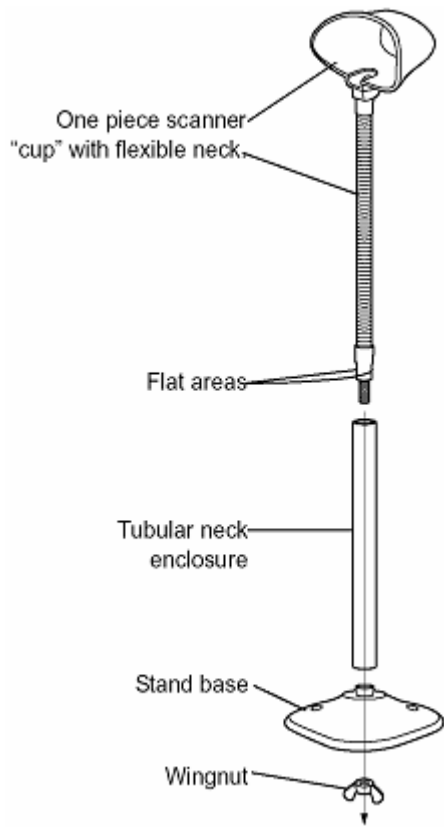


HIGH VOLUME

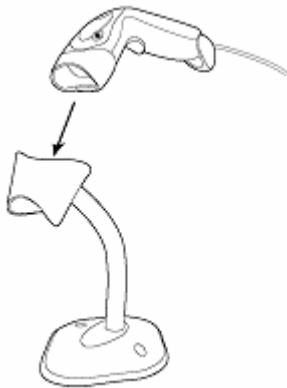
Hands Free Operation

The scanner is shipped with a stand that is designed to allow for hands free operation. When placed in the stand, the scanner will operate in a triggerless mode, even if configured for triggered operation.

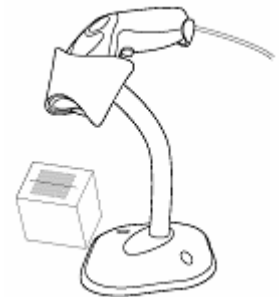
Assembling the Stand



- 1 Unscrew the wing nut from the bottom of the once piece scanner cup.
- 2 Insert the neck of the scanner cup into the tubular neck enclosure.
- 3 Fit the bottom of the neckpiece into the opening on the top of the stand base.
- 4 Tighten the wing nut underneath the base to secure the cup and neckpiece to the base. Before tightening the wing nut under the base, ensure that the flat areas on the flexible neck fit secure in the grooves in the base.
- 5 Bend the neck for the desired position for scanning.



When seated in the stand's cup, the scanner's built-in sensor places the scanner in hand's free mode. When the scanner is removed from the stand, it operates in its normal hand-held mode: triggered mode or triggerless mode, depending on the configuration.



Maintenance

Cleaning the exit window is the only maintenance required. A dirty window may affect scanning accuracy.

- Do not allow any abrasive material to touch the window
- Remove any dirt particles with a damp cloth
- Wipe the window using a tissue moistened with ammonia/water
- Do not spray water or other cleaning liquids directly into the window
- Do not remove the rubber nose of the scanner.