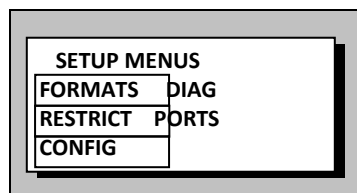


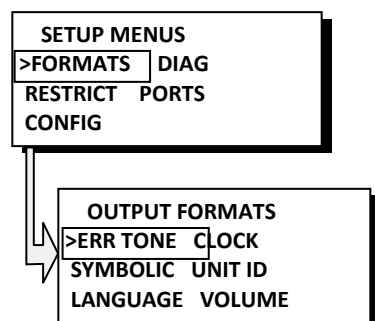
# Settings



There are several settings that effect how the Analyzer operates in different applications. This chapter discusses these settings and how they can be used to make the Analyzer more flexible.

These settings are found in the Setup Menu. The Setup Menu is accessed by turning the Analyzer OFF and inserting a DynaCard, then turning the Analyzer back ON while depressing the {STOP} button.

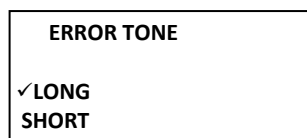
## Formats



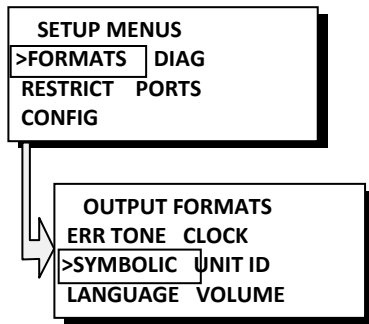
### Error Tone

The Error Tone setting changes the sound the Analyzer makes when detecting an error. The default setting is LONG, which is a loud and long audible sound. If changed to the SHORT setting, the Analyzer will make the same "chirp" sound that is heard with every button press.

Use the {UP} and {DOWN} arrow keys to select the desired setting, then press the {STOP} button. A sample audible sound will be annunciated.



## Symbolic Names

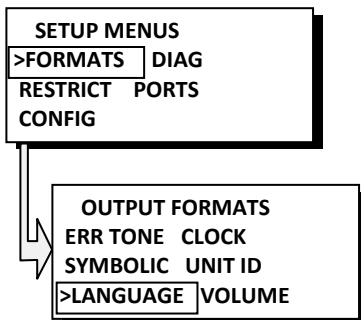


The Symbolic Names setting changes the information displayed when stopped on an error during a test scan. Changing this setting to TEST POINTS ONLY allows the test points to be displayed as an absolute test point versus the programmed Connector-Pin designators. This might be helpful for test fixture troubleshooting.

Use the {UP} and {DOWN} arrow keys to select the desired setting, then press the {STOP} button.

<b>SYMBOLIC NAMES</b>
✓SYMBOLIC NAMES
TEST POINTS ONLY

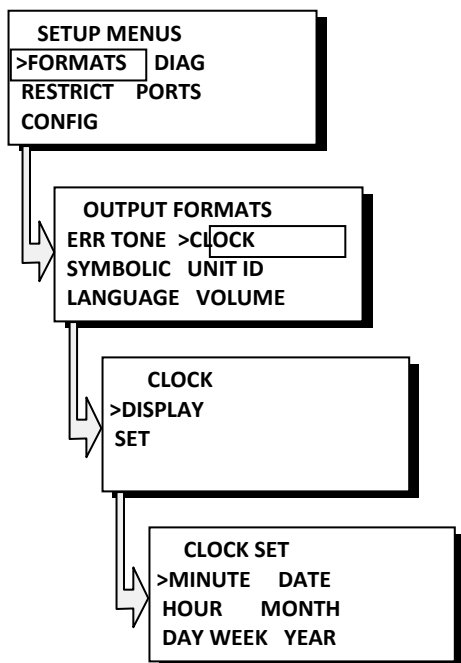
## Language



The Language setting allows the Analyzer to display the menus in English or Spanish. Use the {UP} and {DOWN} arrow keys to select the desired setting, then press the {STOP} button.

<b>LANGUAGE</b>
✓ENGLISH
SPANISH

## Clock Functions



The Clock function allows the displaying and setting of the Analyzers internal date/time clock. The clock feature is typically used to print the date on a label with a Dynalab Label Printer. It is also used to show the date/time on the display or for date-stamping error logging data.

The DISPLAY function shows the value of the current date and time

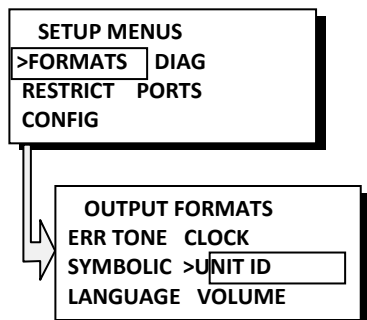
**Sunday**  
**January 01, 2000**  
**08:10:00**

The SET function allows the different variables of the date to be entered. Use the {UP} and {DOWN} arrow keys to select the desired setting, then press the {STOP} button.

**ADJUST MINUTE**  
**02**

This clock feature is an option for the 256XL Analyzer, but is included in all other XL Series Analyzers. If the Analyzer does not have the clock option installed, a "CLOCK NOT PRESENT" message is displayed. The Clock component part number 5200062 and is located in U216 on the CPU board. Contact Dynalab for further information.

## Unit ID

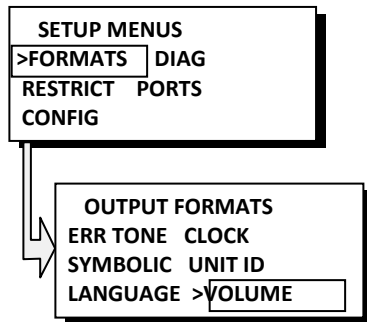


The Unit ID function allows the displaying and setting of the Analyzers internal unit ID value. The Unit ID function is typically used to print a unique unit ID value on a label when a Dynalab Label Printer is used with an Analyzer. It is also used to show the unit ID on the display or for error logging data.

Use the {START} button to character to edit, then the {UP} and {DOWN} arrow keys to select the desired setting, then press the {STOP} button. The Unit ID value can be set from 0 to 255.

## Volume

Selecting the Volume function simply displays a message instructing the user to manually adjust to volume control.



**VOLUME LEVEL:  
REMOVE TOP COVER AND  
ADJUST VOLUME  
CONTROL DIAL**

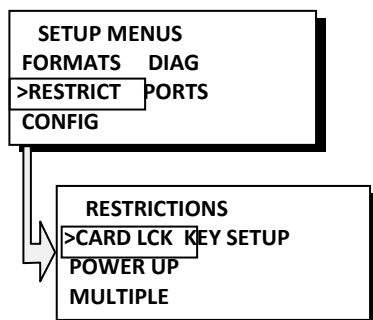
The Volume is adjusted by removing the screws from the rear of the Analyzer, removing the gray cover and turning the control dial labeled VOLUME located on the backplane board. Turning the dial clockwise decreases the volume.

## Contrast

There is no Contrast menu function on the Analyzer, however the Model 256XL has a LCD display that may need the contrast adjusted to increase the display readability depending on the viewing angles.

The Contrast is adjusted by removing the screws from the rear of the Analyzer, removing the gray cover and turning the control dial labeled CONTRAST located on the backplane board. Rotate the dial for the maximum readability from the most used viewing angle.

## Restrictions

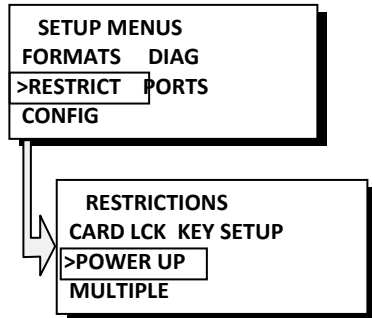


### DynaCard Menu Lock

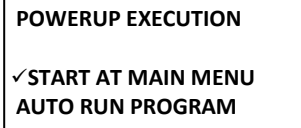
The DynaCard Menu Lock function determines if the Options Menu requires a DynaCard inserted to access the Options Menu. The CARD LIMITS ACCESS setting is the default and requires a DynaCard to be inserted to access the Options Menu. The NO MENU RESTRICTION setting allows access to the Options Menu without the DynaCard inserted.

**DYNACARD MENU LOCK**  
  
✓ **CARD LIMITS ACCESS**  
**NO MENU RESTRICTION**

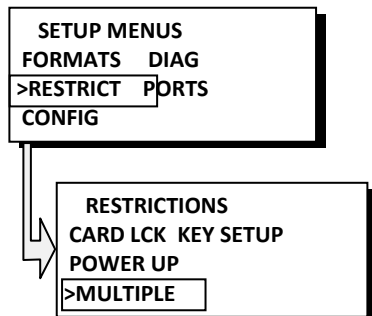
## Powerup Execution Action



The Powerup Execution setting determines if the Analyzer displays the Main Menu or automatically runs the currently selected program when the Analyzer is turned on. The "START AT MAIN MENU" setting is the default and makes the Analyzer display the Main Menu when the Analyzer is turned on. The "AUTO RUN PROGRAM" setting makes the Analyzer automatically run the currently selected program when the Analyzer is turned on.

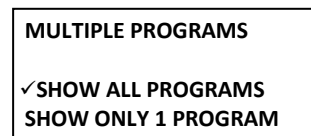


## Multiple Programs Restriction



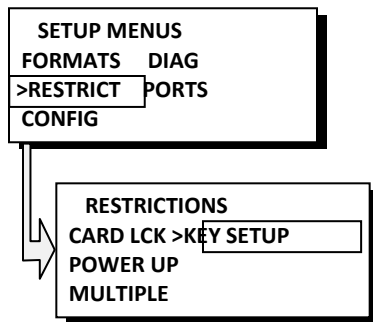
The Multiple Programs setting determines if the SELECT function on the Main Menu allows the user to select another program that resides in memory.

The "SHOW ALL PROGRAMS" setting is the default and allows a user to select any programs that reside in memory.



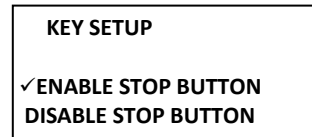
The "SHOW ONLY 1 PROGRAM" setting does not allow the user to select another program that might be located in memory. If multiple programs are located in memory when this setting is selected, the other programs are still in memory, but cannot be accessed until the "SHOW ALL PROGRAMS" setting is activated.

With the "SHOW ONLY 1 PROGRAM" setting, the SELECT function allows the user to select a program from the DynaCard. An error will be displayed if the DynaCard is not present. When the program is selected, it is copied to the Analyzer memory and made the currently active program.

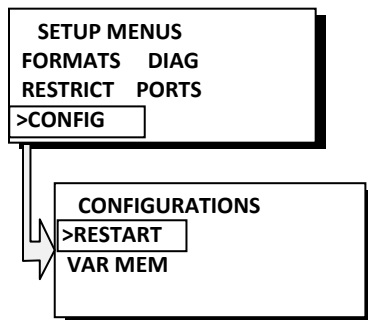


## Key Setup

The Key Setup setting determines if the {STOP} button is always active, or just when the Front Panel Keyswitch is rotated a quarter turn. This setting is typically used if to prevent the operator from aborting a running program, especially if the Alarm feature is being utilized.



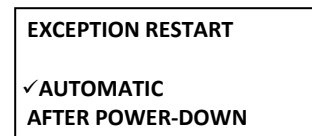
## Configurations



## Exceptions Restart Function

When Dynalab Analyzers are subjected to environments with high static or irregular power sources, the CPU may respond with an Analyzer reset. If an error occurs and the "AUTOMATIC" setting is activated, the Analyzer will simply restart and automatically re-runs the selected program again. Since this function restarts the program at the beginning, the program sequence may need to be written with the potential restart in mind.

If an error occurs and the "AFTER POWER-DOWN" setting is activated, the Analyzer will display an "Address Exception" error and the unit will need to be cycled {OFF} and then back {ON} to continue operation.



## Variable Memory Quantity

The Variable Memory Quantity setting is used in conjunction with sending variables between Analyzers, typically for the purpose of an Analyzer configured as an IrDA rotary-line print server.

