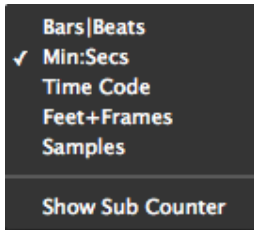


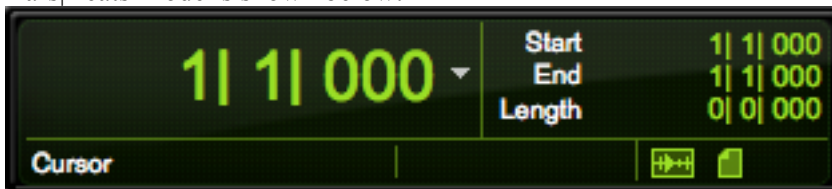
**025:250 COMPOSITION: ELECTRONIC MEDIA I
Fall 2012**

The Counter Display in Pro Tools

1. The Counter Display shows the following information in either waveform view or automation view.
 - a. The time of the current selection in the edit window.
 - b. The time of the current cursor position, which may be moved freely in the edit window.
 - c. The start time, end time, and length of a region, group of regions, or any highlighted selection.
2. The Counter Display can be viewed in Minutes:Seconds Mode or Bars|Beats Mode, as discussed below.
 - a. To specify which mode to be displayed, click on the small, grey triangle immediately to the right of the Main Counter. A menu will appear like the one below:



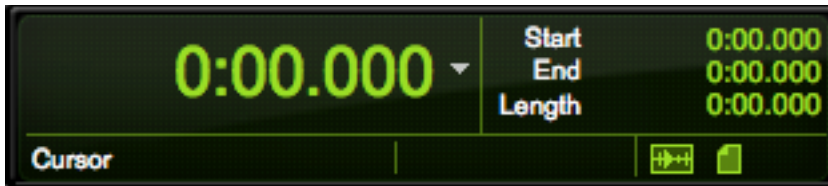
- b. Our concern will be with Bars|Beats Mode and Min:Secs Mode.
 - c. Bars|Beats Mode is shown below.



- d. Notice that the ruler shows bars and beats, as shown below:



- e. Min:Secs Mode is shown below.



- f. The ruler shows minutes and seconds.

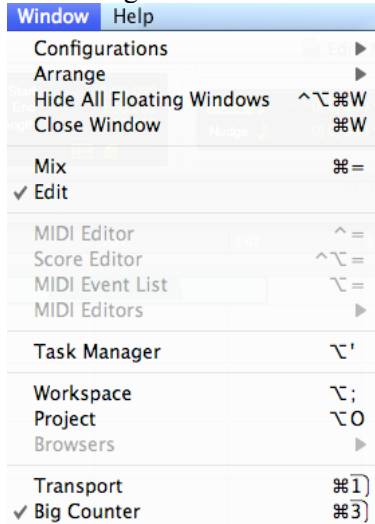


3. In Bars|Beats Mode:
 - a. Bar numbers are on the left.
 - b. Beats are in the middle.
 - c. Units are on the right. There are 1,000 units to a beat.
4. In Min:Secs Mode:
 - a. Minutes are to the left of the colon
 - b. Seconds are to the right of the colon
 - c. Milliseconds are to the right of the decimal point.
5. Left side of the Counter Display is organized as follows.
 - a. The main counter display in the upper left shows the current selected time.
 - b. The Cursor display on the lower left shows where the free-floating cursor is in the horizontal dimension of the edit window.
 - c. The Cursor Display on the right shows where the free-floating cursor is in the vertical dimension within a track in the edit window, as discussed in class.

6. The right side of the counter display shows timing information for a region, group of regions, or any highlighted selection.
 - a. *Start* shows the time at the beginning of a region or selection.
 - b. *End* shows the time at the end of a region or selection.
 - c. *Length* is $End - Start$, which shows the duration of a region or selection.

7. Other considerations.

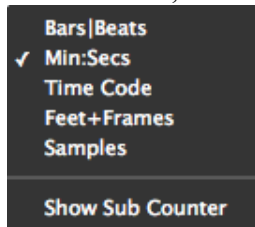
- a. The Big Counter is selected from the Windows Menu, as shown below.



- b. The Big Counter can be positioned anywhere on the screen and in any monitor. It looks like the one below.



- c. To use a sub-counter in the Counter Display, open the menu by clicking on the triangle icon to the right of the Main Counter, then select "Show Sub Counter", as shown below.



- d. The Counter Display now appears like the one below.



- e. The triangle menu icon appears for the Main and Sub Counters. This allows them to display any of the modes in the menu.

- f. The mysterious icons in the lower right corner of the Counter Display are shown below.



- g. THE EMS ASSISTANTS HAVE INSTRUCTED ME TO COLLECT A NON-REFUNDABLE DEPOSIT OF \$2,000 FROM ANY STUDENT PLANNING TO CLICK ON EITHER ICON.

- h. In reality, these icons display synchronization time-codes with such peripherals as video and audio recorders.