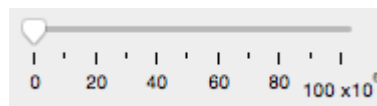## Sliders

Slider controls can be used to graphically select either discrete or contin-
uous values. When used to select discrete values, a slider is similar to a
pop-up menu or a set of radio buttons. Sliders can be live, updating a
variable or running a procedure as the user drags the slider, or they can
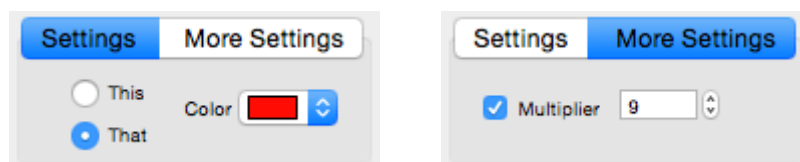be configured to wait until the user finishes before performing any action.

Repeating Sliders

Sliders can be configured to call your action procedure repeatedly while the user is clicking on the thumb.
They can be configured to operate at a constant rate or at a rate proportional to the value, and optionally to
spring back to a resting value when released. This feature was added in Igor Pro 8.00.

To implement a repeating slider, use the repeat keyword with the **Slider** operation. For a demonstration,
see the Slider Repeat Demo demo experiment.

TabControl

TabControls are used to create complex panels containing many more controls than would otherwise fit.
When the user clicks on a tab, the programmers procedure runs and hides the previous set of controls while
showing the new set.

TitleBox

TitleBox controls are mainly decorative elements. They are used
provide explanatory text in a control panel. They may also be
used to display textual results. The text can be unchanging, or
can be the contents of a global string variable. In either case, the
user can't inadvertently change the text.

ValDisplays

ValDisplay controls display numeric or string values in a variety of forms ranging from a simple numeric
readout to a thermometer bar. Regardless of the form, ValDisplays are just readouts. There is no interaction
with the user. They display the current value of whatever expression the programmer specified. Often this
will be just the value of a numeric variable, but it can be any numeric expression including calls to user-
defined functions and external functions.