win|RTA Standard
QuickStart Guide

Version 2.6

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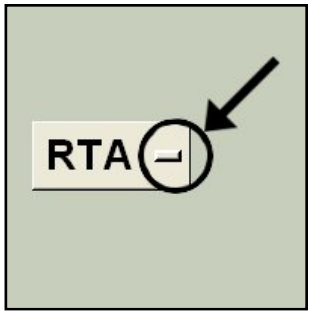
Installation

Unzip the distribution to a folder on your Desktop. Double-click on Setup and follow the directions. Start the program and open the Config menu.

Select Interfaces, then click on Select. After you have chosen the audio interface, and entered any other information you wish to save, click Save Configuration, and your settings will be saved for your next session.

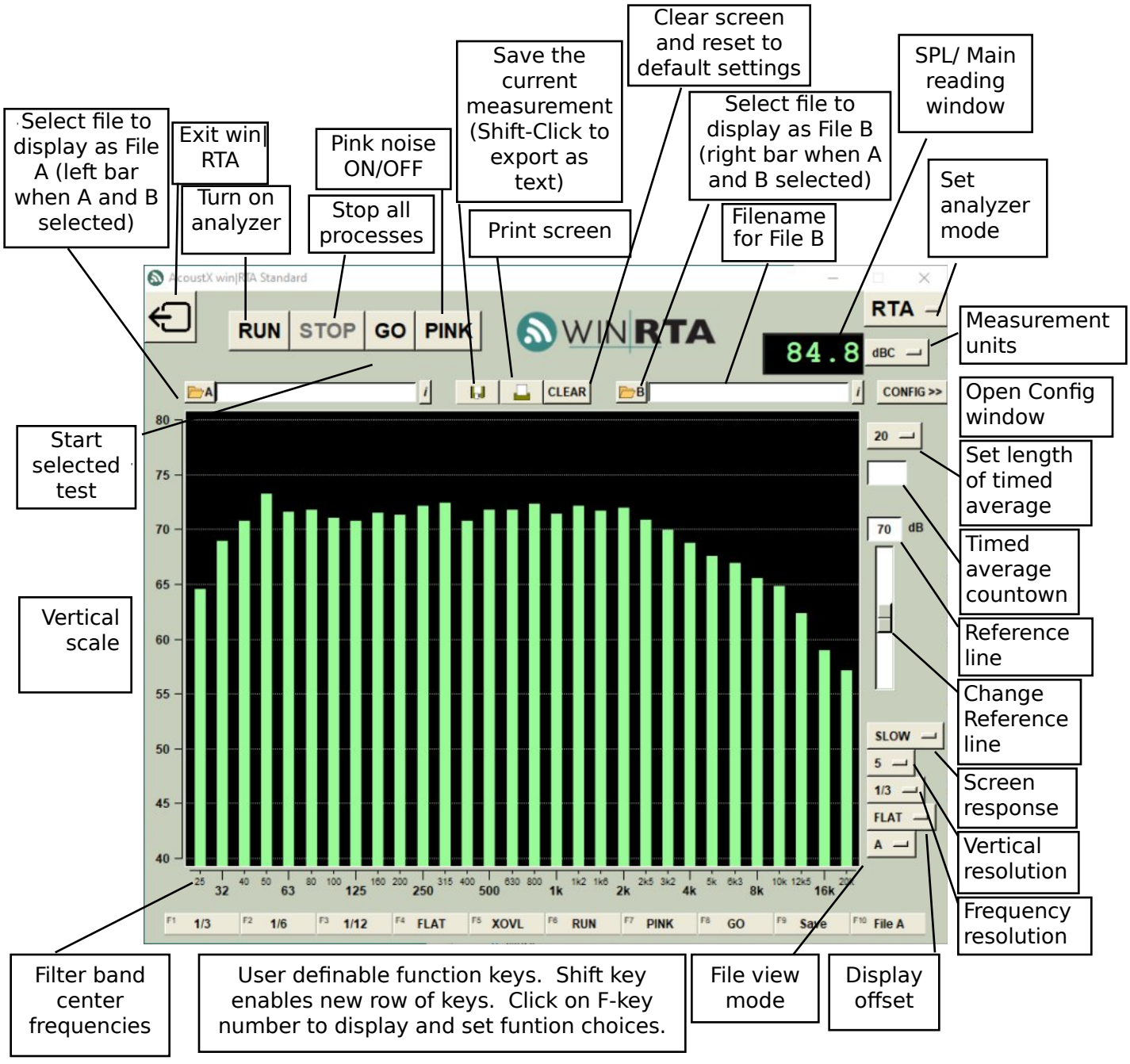
Note on the software:

When you see a button with a bar on the right side, this indicates that when you click on it, a drop-down menu will appear.



Version 2.6

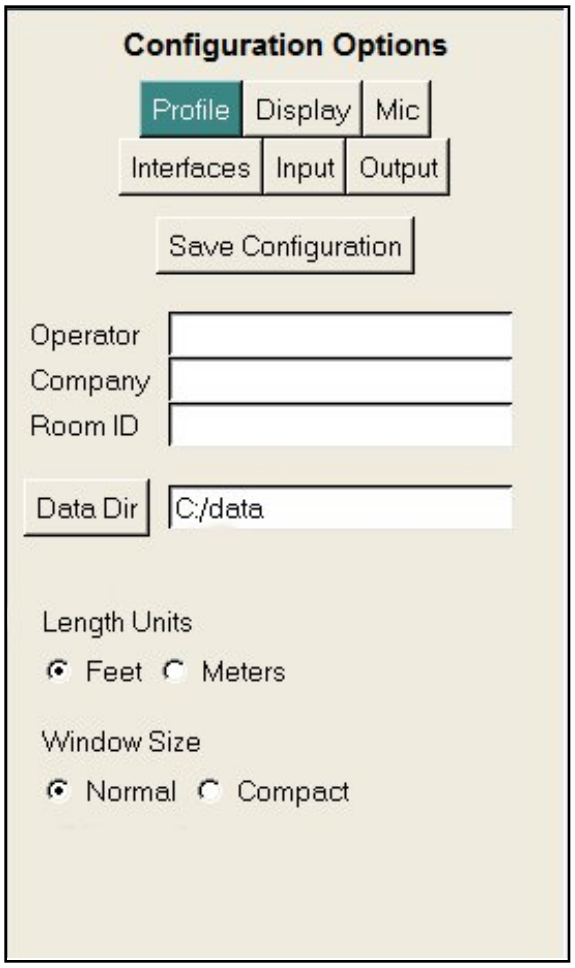
Main Screen



SPECIAL KEYS AND FUNCTIONS

- ESC key kills all processes
- PgUp/PgDn or mouse wheel moves reference line
- Shift shows new row of function keys
- Shift-click on Save button to export as text (.TXT)
- Shift-click and drag mouse on display to zoom view in RTA mode (click to un-zoom)
- Right-click displays edit menu when in comment
- Hold cursor over filename field to see full pathname
- Shift-click-drag moves both channel gains together in X-Y

Configuration: Profile



Write configuration data to disk

Technician name

Name of theatre or facility

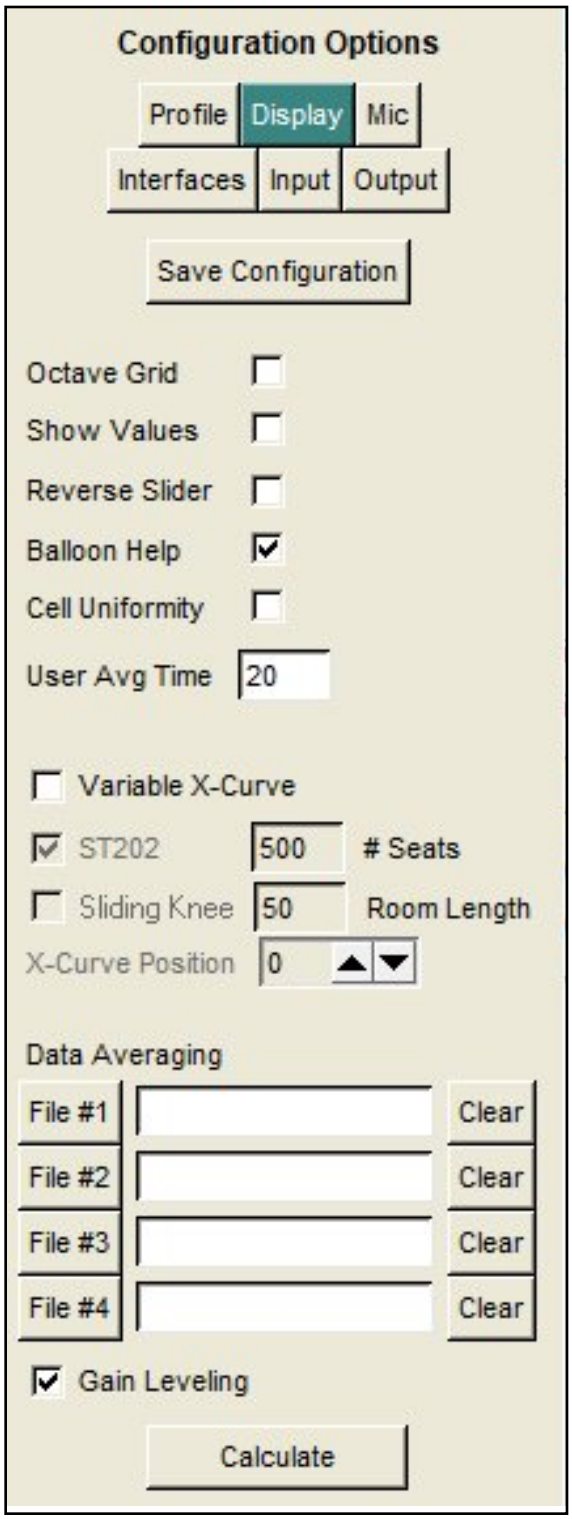
Name of auditorium

Selected data directory
Defaults to "My Documents"

Set default units
for measurements

Normal is for displays 1024x768 or larger. Compact is for smaller screens, typically 1024x600.
Save Configuration and restart win|RTA to take effect.

Configuration: Display



Show bar values when cursor is moved over a bar

Set display for Cat. No. 566 test film (film projectors)

Enable Variable X-curve

Change the vertical position of the X-curve

Average data from previous measurements. This is useful to use one microphone and get results similar to using the mulitiplexer. Make measurements at four different positions, load the four files, and click Calculate. For best results, load the data taken at reference position into File #1 and enable Gain Leveling.

Display octave markers

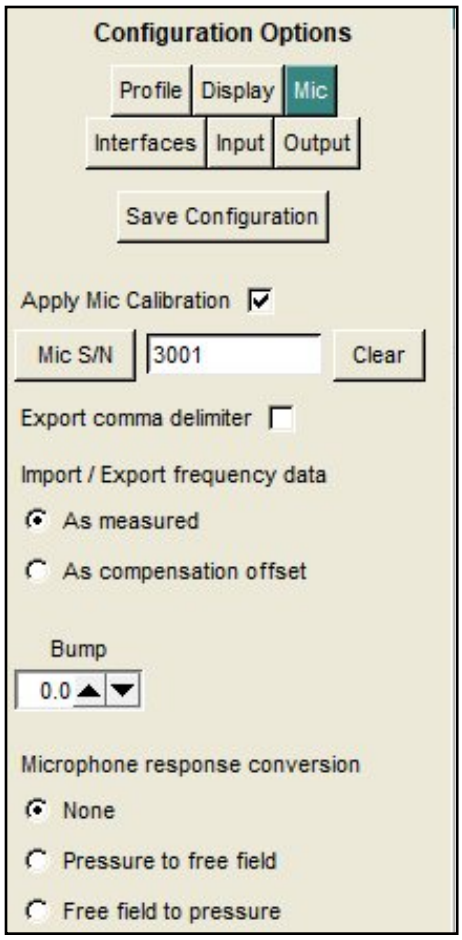
Reverse the action of the Reference slider

Enable balloon help

Set length of User Average

The Variable X-Curve can either change the slope of the curve (according to SMPTE ST202) or the frequency at whiich the slope begins (the knee).

Configuration: Microphones and Interfaces



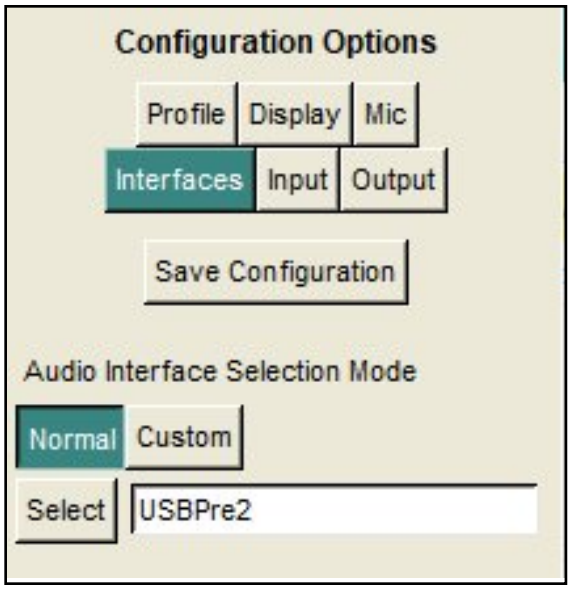
Enable and load microphone calibration file.

When exporting a mic cal file using Shift-click Clear (Export), insert a comma after the frequency.

Most mic cal files are "As measured".

Adjust the microphone gain.

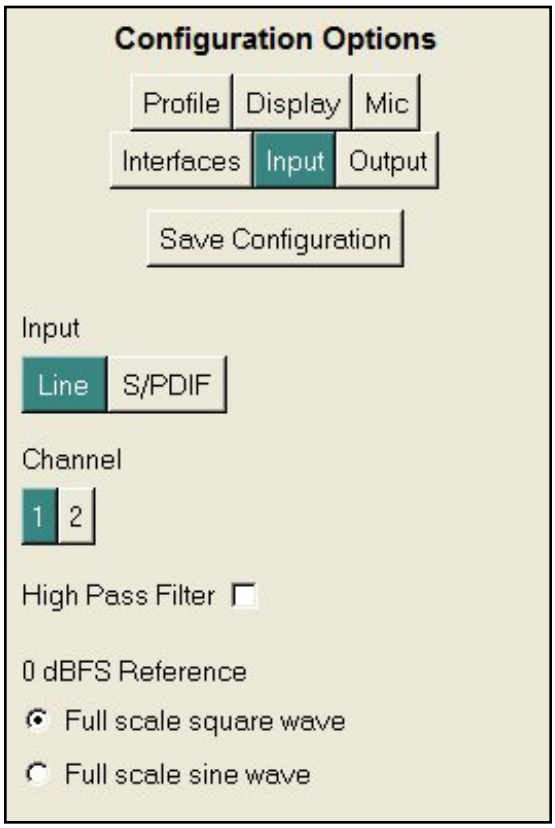
Change the response type of the microphone. For a discussion of this topic, see the AcoustX website.



Set the interface type

Select audio interface

Configuration: Input and Output

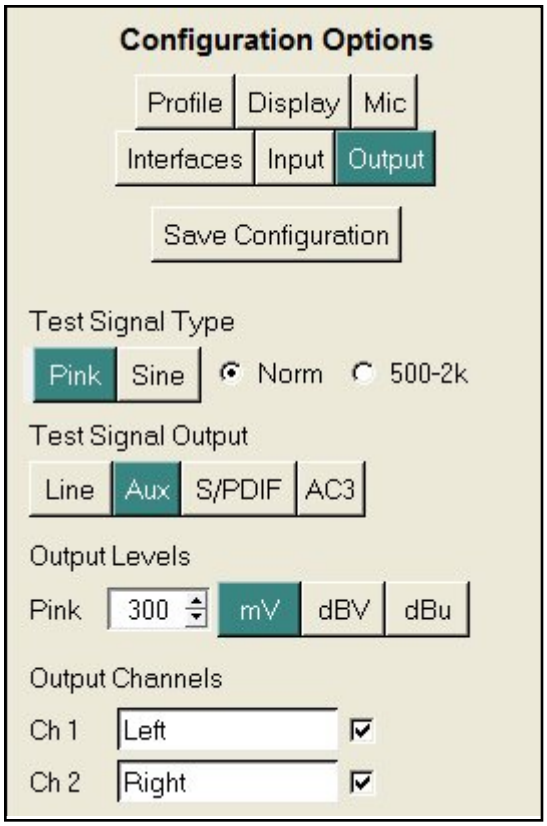


Select Input

Select input channel

Enable 22 Hz high pass filter for FLAT, Line In, S/PDIF

Select 0 dBFS reference. There is a 3 dB difference between settings



NOTE: The functionality shown on these screens will vary depending on the audio interface. Output voltage is only correct when calibrated to interface.

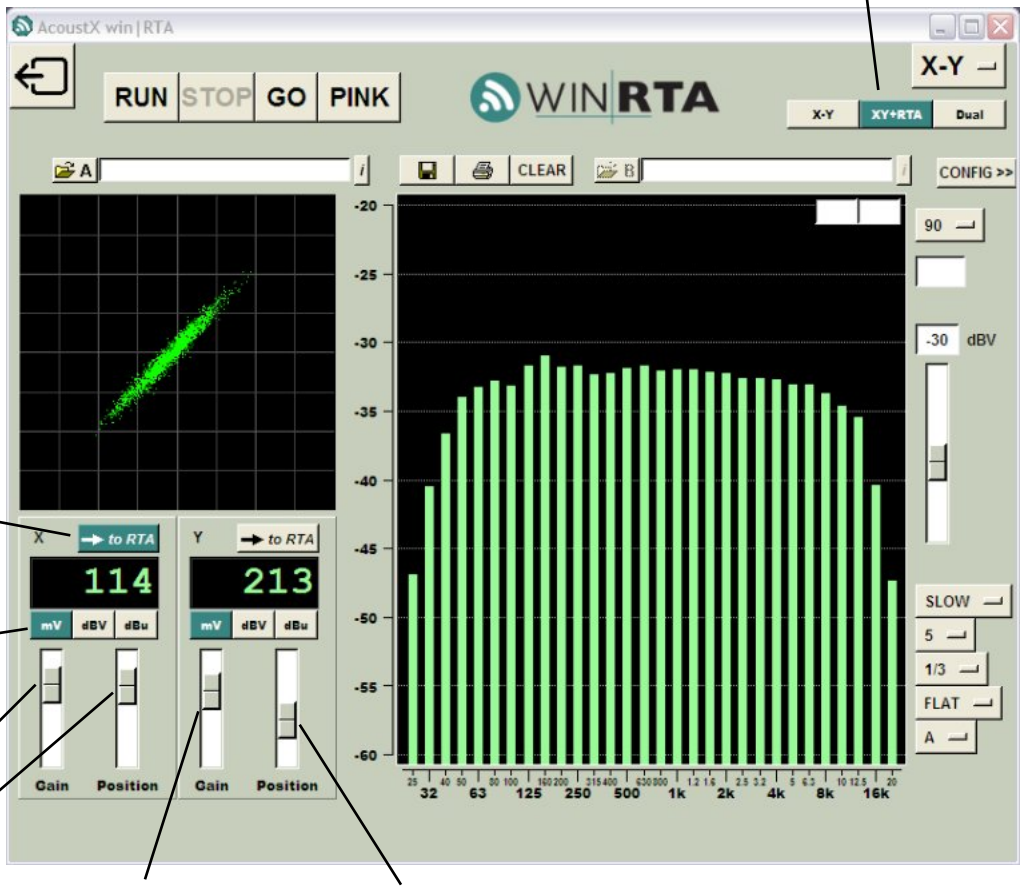
Configure PINK Button behavior

Select test signal output port (shown with optional AC3 encoder)

Set units of measure and level for outputs

Enable outputs. In Analog mode, the channels can be named.

X-Y Oscilloscope



Mode Select

Set channel to display on RTA

Set measurement units

Adjust X gain

Move X-Y display horizontally

Adust Y gain

Move X-Y display vertically

Dual Trace Oscilloscope