

# win RTA Standard QuickStart Guide

Version 1.8

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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.



#### NOTICE

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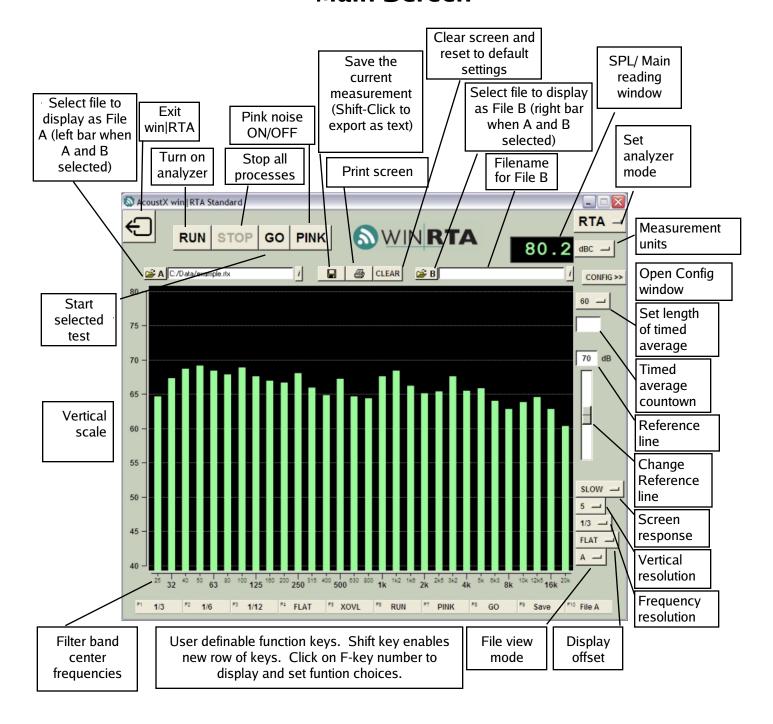
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#### **Main Screen**



#### 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)
- Click and drag mouse on display to zoom view in RTA mode
- 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**

Configuration Options
Profile Display Mic
Interfaces Input Output
Save Configuration
Operator Company Room ID
Data Dir C:/Data
Length Units  Feet C Meters
Window Size <b>⊙</b> Normal <b>○</b> Netbook

Write configuration data to disk

Technician name

Name of theatre or facility

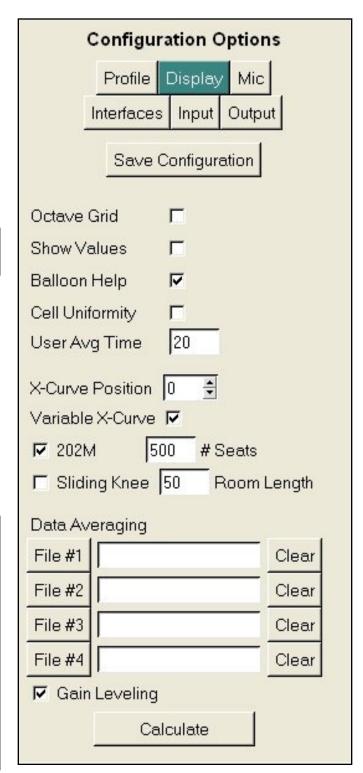
Organization

Selected data directory Defaults to "My Documents"

Set default units for measurements

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

# **Configuration: Display**



Display octave markers

Enable balloon help

Set length of User Average

Change the vertical position of the X-curve

The Variable X-Curve can either change the slope of the curve (according to SMPTE 202M) or the frequency at whiich the slope begins (the knee).

Average data from previous measurements. This is useful if you wish 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.

Show bar values when

Set display for

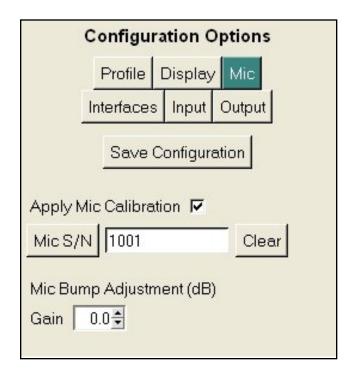
Cat. No. 566 test film (film

projectors)

cursor is moved over a bar

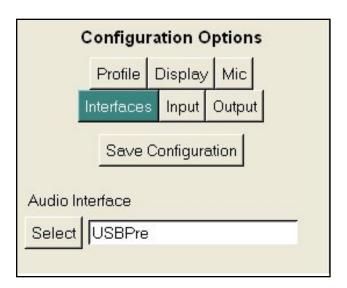
Enable Variable X-curve

## **Configuration: Microphones and Interfaces**



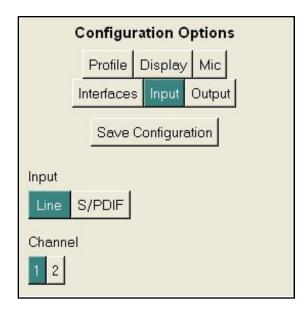
Enable and load microphone calibration file.

Adjust the microphone gain.



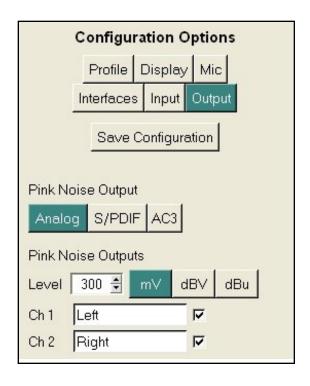
Select audio interface

## **Configuration: Input and Output**



Select Input

Select input channel



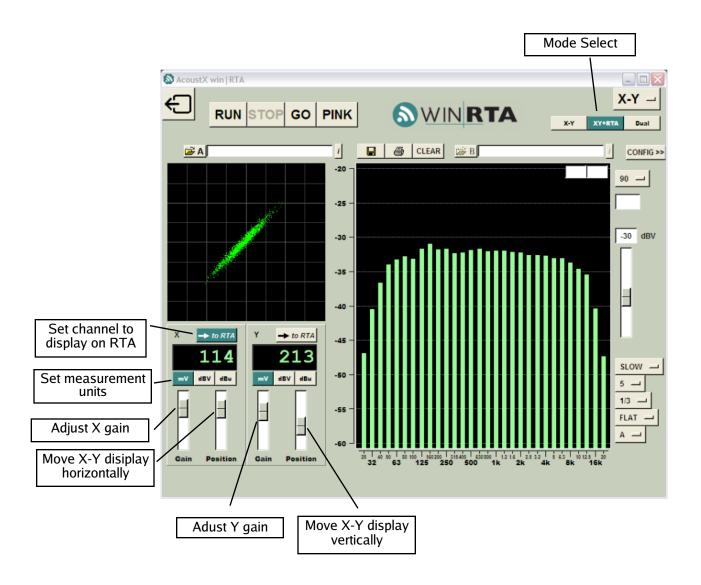
Select test signal output port Note: Screen shows win|RTA with optional AC3 test signal encoder.

Set units of measure and level for outputs

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

NOTE: The functionality shown on these screens will vary depending on the audio interface. This image shows the configuration for the USBPre. Output voltage is only correct when using an approved interface.

# X-Y Oscilloscope



## **Dual Trace Oscilloscope**

