



New Release
Supports Vista & USB Connectivity



AP2700 v3.30

control software for the

2700 Series Audio Analyzer

What's new in v3.30
Support for Windows Vista
Support for USB connectivity
Improved user profile management

Introduction

AP2700 v3.30 control software contains significant enhancements over the previous releases. The new software is scheduled for release in August 2007.

This preview looks at the features included in the new releases.

1. **USB interface support**
2. **Full compatibility with Windows Vista**
3. **Can be run by user accounts without administrator privileges**
4. **Full multi-user support, with per-user preferences and settings**
5. **Integrated .wav file import/export**
6. **Refreshed software installation routine with improved device driver support**
7. **Ongoing bug fixes**
8. **Updated icons**

For more information please contact your local Audio Precision Sales Partner or visit ap.com/products/2700.

What's New in v3.30

- **USB interface support**
AP2700 v3.30 supports the new USB-APIB adapter which allows any 2700 Series instrument to be controlled using a USB 2.0 interface. The adapter supports all current APIB accessories including switchers and the PSIA.
- **Full compatibility with Windows Vista**
Runs under Windows Vista and Microsoft Windows XP with Service Pack 2. Earlier versions of Windows are not supported.
- **Can be run by user accounts without administrator privileges**
Previous versions of AP2700 software required the user accounts that ran it to have administrator privileges. This situation was incompatible with the IT Department policies of some of our customers. The latest release has been revised so that the software can be run with “user” or “limited user” privileges on their Microsoft Windows computer systems.

Note: The software must still be installed by a user with administrator privileges.

- **Full multi-user support, with per-user preferences and settings**
In previous releases of the software all data files were stored in a common folder for all users of the software. The latest release fully supports Windows user accounts. This allows each user to store software preferences and data files.

- **Integrated .wav file import/export**

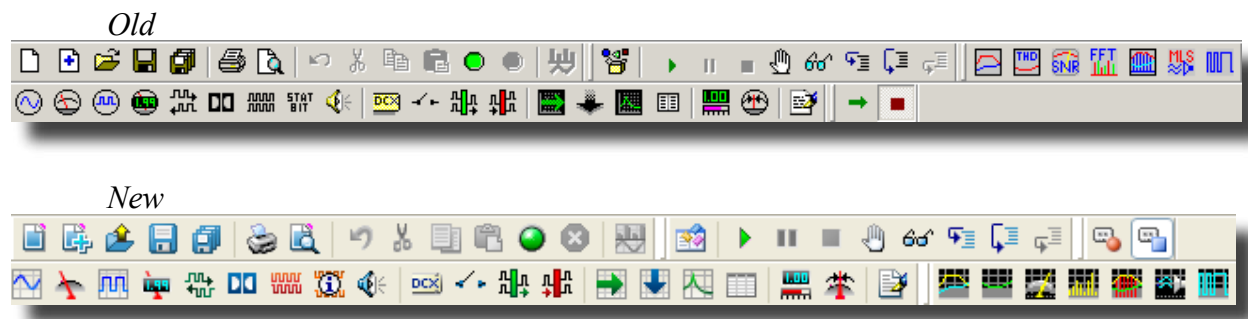
The ability to import and export the arbitrary waveform buffer, acquisition buffer, and transform buffer to or from linear .wav files has been integrated into the application, and several bugs have been fixed with this function.

- **Refreshed software installation routine with improved device driver support**

The software installer has been revised and will now install the APIB interface device drivers regardless of whether the interface card is installed before or after the software is installed.

- **Updated icons**

The look and feel of the software as been updated to match the Windows XP and Vista graphical environment.



- **Other changes in the software**

- Two obsolete OLE functions have been removed: Application.Output and Application.Input.
- System Two Emulation mode has been removed.
- The software no longer supports exporting to Windows Metafiles (.wmf). All other graphical formats are still supported.
- The type library description file, .tlb, has been added.
- Two new OLE functions have been added: Application.HomeDir and Application.TempDir, which allow programmatic determination of the current user's data and temporary directories, respectively.
- Added option to Try Again when starting software with no hardware connected.

Bug fixes

The following bugs were fixed in AP2700:

- (4180) Application cannot handle files whose full path length exceeds 128 characters
- (6023) Stereo FFT acquisition with one channel set to 'None' does two acquires
- (6908) Application crashes when exporting loaded limit data as ASCII
- (9404) 'Unrecoverable internal error' problem associated with graph title
- (9463) Distort program could be set for ratio, but would display value as an absolute
- (9544) AES/EBU receivers improperly configured in dual connector mode
- (9783) 'Unrecoverable internal error' problem associated with graph legend
- (9831) Digital analyzer phase meter accuracy is sometimes outside specification
- (9834) Error message during waveform save doesn't appear until next action is taken
- (9835) When no waveform to save, file is created anyway
- (9843) Learn mode records erroneous string when copying empty panel to clipboard
- (9855) dHz frequency unit is not handled correctly in FFT sweeps
- (9858) Ap.Sweep.StartNoWait doesn't work properly when debugging APBasic scripts
- (9863) Misleading error message when closing application with APBasic script running
- (9869) Pre-sweep delay affects retransform and reprocess
- (9870) Data 2 on X doesn't always work on appended sweeps
- (9877) Fasttest error messages do not always appear at the time error occurs
- (9939) 'Unrecoverable internal error' problem associated with graph comments
- (9970) Learn mode records decimal for generator amplitude in hex mode
- (10011) Learn mode records saving graph incorrectly