

JOURNAL CD USER NOTES

(updated August 2005)

There are three CD-ROM products offered by PTG:

9 Journal Reprint Kits on CD-ROM (1 CD)
The Piano Technicians Journal 20-Year (1979-1999) CD-ROM (4 CD Set)
2000-2002 Journal on CD-ROM (1 CD)

USER NOTES UPDATES

The most recent version of these User Notes may be downloaded from:
http://www.ptg.org/CD/PTG_CD_usernotes.pdf

INSTALLATION

Any of the four 20 Year Journal disks may be used to install the "Adobe Acrobat™ Reader 4.05 with Search" onto your computer.

ACROBAT READER VERSION 5 ADOBE READER VERSIONS 6 AND 7

Versions of the Reader more recent than those contained on the PTG Journal CDs have been released. Please be assured that version 4 of the Acrobat Reader as installed from any one of the Journal CDs will still work just fine.

NAME CONFUSION

The software used for reading PDF files is now called Adobe Reader (formerly called Acrobat Reader), and is free. Adobe Acrobat, however, is software that writes PDF files, and is not free.

DOWNLOADING THE FREE READER

The most recent version of the Adobe Reader for your computer's operating system may be downloaded at the following address:

<http://www.adobe.com/products/acrobat/readstep2.html>

Acrobat Reader version 5.1 may be downloaded at:

<http://cgim.adobe.com/acrobat/reader19/download.cgi?JustSendFile=Y&SearchCB=Y>

Please note that the Search function plug-in can be an optional feature of the Reader, but is required for the proper operation of the PTG Journal CDs. Be sure to check (choose) the Search option when downloading and installing the Adobe Reader.

Acrobat Reader Version 5 takes up 4.5MB of disk space.
Adobe Reader Version 6 with Search requires 24MB free disk space.
Adobe Reader Version 7 with Search requires 90MB free disk space.

WHICH VERSION OF THE READER IS THIS?

To determine which version of the Adobe Reader is actually running on your computer:

WINDOWS: From within the program, click on Help, and then click on About Adobe Reader. The version number will be directly above the runner graphic tending toward the left.

MAC: Under the Apple Menu, click on About Adobe Reader. The version number will be in the upper left hand corner to the right of the Adobe logo.

"20 YEARS"

The CD set continues to be referred to as the "20-year" CD for convenience, but the 4 CD set actually includes the Journal issues from January 1979 through December 1999 ... 21 years.

EXCLUSIONS

Blank spaces will appear on those Journal pages where articles have been excluded at the specific request of the authors. As they requested, the technical articles of Fern Henry and Martin Tittle were excluded from the CD set.

ERRATA

One Journal page that should have been only partially "blanked" (because it contained a portion of an excluded article) was instead fully blanked out. The missing material from that page (June 1983, page 34) is included at the end of this document in graphics-only format.

FORMAT

The format of the Journal issues on the 20-year CD is that of computer-scanned pages plus hidden (OCR) text plus overlaid grayscale scans of photos. The scanned pages are exact duplicates of the original Journal pages. The hidden text facilitates the Search, Find, and Copy functions. However, the optical character recognition (OCR) text is uncorrected, so text copied from the CD set may need word/spelling/punctuation corrections.

Searches will not find words that have been misspelled by OCR; however, this should only be a problem on the 20 year CD, not on the Reprint Kit nor on the 3-year CD.

THUMBNAILS

"Thumbnails" do not work correctly in version 4 of the Acrobat Reader -- the thumbnail pages will appear blank. The Thumbnail functions DO work on the Journal CDs when used with the Acrobat Reader Version 5 and the Adobe Reader versions 6 and 7.

COPY/PASTE

The Reader "Selection Tool" has two modes of operation: The Select Tool for text and the Snapshot tool for graphics. Earlier versions had three modes. These modes can be accessed by clicking and holding (Mac) or left-clicking (Windows) on the icon with the large "T" in the menu bar.

TIP: For sharper Copy & Paste images, enlarge the image on the pdf page first before selecting it with the Graphic Select (Snapshot) Tool, then copy & paste.

FIND/SEARCH

"Find" and "Search" are different functions.

The "Find" function looks for a specified term within the current open file.

The "Search" function uses a special "index" file to quickly look for a term anywhere on the entire presently loaded CD, or anywhere on all six CDs when all are loaded onto your hard drive.

CONFIGURING THE ADOBE READER ON MAC OS 9

On Macintosh computers, to enable full use of the Search function, you may wish to edit the Search Preferences as follows:

Under Query, check the "Show Fields" box.

Under Results, increase "Show Top 100 Documents" to, perhaps, "Show Top 1,000 Documents".

Under Indexes, uncheck the "Automount servers" box.

USING THE JOURNAL CDs WITH MAC OS X

The CD-ROMs work fine in Mac OS X and the new Adobe Reader 6, with the big exception of the Search functions. The indexes on all 6 of our CD-ROMs are all incompatible with Mac OS X, rendering the Search functions inoperable. We have not been able to discover how to "rebuild" the indexes for Mac OS X.

However, there is a workaround, and it is to run the Acrobat Reader 5 in Classic mode. (Please note that the Adobe Reader version 6 or later runs only in Mac OS X, and will not run in Classic Mode.) The indexes work perfectly in the Acrobat Reader 5 in Classic (OS9) mode. You may find that the Acrobat Reader 5 is already installed on your computer, although it is likely the version without the Search capability we need for the Journals. The Acrobat Reader version 5 for Mac can be downloaded at:

[Click on the following address line:]

http://download.adobe.com/pub/adobe/acrobatreader/mac/5.x/5.1/AcroReader51_ENU.bin

or

[Click on the following address line:]

<http://tinyurl.com/u3xu>

This is a large download. If you do not have a high speed Internet connection, it might be better to install the Reader from the 2000-2002 Journal CD or from any of the 20-year Journal CDs.

Install the Acrobat Reader 5 in the Applications (Mac OS 9) folder. You will have to do a "Custom Install" and tell the installer to install the Search plug-in. Then go into the Acrobat Reader 5 folder and click once (to highlight) on the Acrobat Reader 5 icon. Press Command-I to bring up the information window, and put a check by the "Open in the Classic environment" box.

Now you can drag a start.pdf file to the Acrobat Reader 5 and Classic will load, the Journal will load, and the Searches should work as expected.

EMERSON DATABASE MULTI-DISK LOOKUPS (21-Year CD set only)

The "Emerson Database" is a special file that, although not a particularly powerful tool, can facilitate multi-disk lookups. The Emerson Database file is duplicated on all four of the 20-year disks, so any disk may be used to look up items that may appear anywhere on the four CDs. Use the Find button on each page of the Emerson Database to do a look up; the results may direct you to another CD, but will neither prompt you to insert another CD, nor complete the navigation to the desired place when another CD is inserted.

GLOBAL SEARCHES (a more powerful tool)

The Search function will normally search for items only on the presently loaded CD, but for those advanced users with large hard drives (and 3 gigs of available space), a true global search of all six CDs is possible. Copy all of your CDs to a hard drive, each in a folder called something like DISK1PTG, DISK2PTG, etc. Then, to configure the Adobe Reader to do a search of all the CDs, double-click on each of the Start.pdf files from each disk's folder. You will have to do this only once because Adobe Reader should remember to Search all of the copied CDs in the future.

WINDOWS: Step by step instructions for loading the CDs onto a Windows hard drive appear below.

Adobe Reader version 7 has better search efficiency. You may not think so at first when you notice that searches take anywhere from 30 seconds to 2 minutes, as compared to about one second for version 5. The reason is that version 7 takes some time to gather about ten words of context following each search term "hit". This context is then displayed in the search results, allowing you to quickly determine which search results you want to investigate further. With version 5, although you get the search results quickly, you will spend more time making this determination, as you must go into each of the Journal articles to read the context. See additional version 7 notes on page 7.

REPRINT KIT CD

The Reprint CD has about 100 articles from before 1979 that are not included on the 20-year CD set. In addition the searchable text of this CD has been corrected, so "Searches" of the Reprint Kit CD should be very accurate.

SEARCH RESULTS

In the Search results frame for version 5 and earlier, note that the "Volume x, Issue x" is all that is shown; however, at the bottom of the search results frame, there is a panel that shows the actual year and month of the magazine for the selected "hit".

The three icons (Search Results, Previous Highlight, Next Highlight) at the far right side of the menu bar are quite useful. They allow navigation through various search "hits" without having to return to the main menu.

Here's another way to scroll through Search "hits":

Ctrl +] (FORWARD)

Ctrl + [(BACKWARD)

PRINTING FROM THE 20-YEAR JOURNAL CD SET

In order to successfully print material from the Journal CD set, one must understand that the page numbering system in the Adobe Reader is different from that of the Piano Technicians Journal. Page 1 of the Journal is the first page inside the cover sheet, while for Adobe Reader, page 1 is the front cover. So if the Journal Contents indicate that a particular article begins on page 20, have Adobe Reader go to page 22.

To print Journal pages from the CD, first determine the Adobe Reader page numbers you wish to print. The Adobe Reader pages are numbered in the bar at the bottom of the screen. It lists x of xx, where x is the current page number and xx is the total number of pages in that issue of the Journal.

Mac: Go to the File menu and choose Print. In the print dialog box that comes up, to the right of "Pages", enter the first and last page you wish to print in the two fields. Then click on "Print".

Windows: Go to the File menu and choose Print. In the Print window that comes up, in the Print Range box, click beside "Pages from:" and enter the first and last page you wish to print in the two fields. Then click OK. Please note that on Windows machines, if you have used the Text or Graphics Select tool to highlight a portion of the Journal page, only the highlighted portion of the page will print. This is a powerful feature.

INSTALLING THE 6 JOURNAL CD-ROMS TO A WINDOWS HARD DRIVE

With computers having such large hard drives these days, it makes sense to copy whatever Journal CDs you own onto your hard drive for ease of use. There are six total CDs (four from the 20-year set, one from the 2000-2002 update and one from the PTJ Reprint Kit), and they require about 3.07 GB of free space.

1. Create a folder called PTJ 24 Years (You can give these folders any name you like.)
 - Create a folder within PTJ 24 Years called Disk1 1979-1983
 - Create a folder within PTJ 24 Years called Disk2 1984-1991
 - Create a folder within PTJ 24 Years called Disk3 1992-1995
 - Create a folder within PTJ 24 Years called Disk4 1996-1999
 - Create a folder within PTJ 24 Years called Disk5 2000-2002
 - Create a folder within PTJ 24 Years called PTJ Reprint Kit
2. Insert CD-ROM Disk1 into the drive and open.
3. Select (highlight) four items from the CD:
 - the **Index**, **Papers**, and **Resource** folders, and the **Start** file.
4. Click copy, and then paste these items into your new folder "Disk1 1979-1983". Wait.
5. Remove Disk1 from the drive and insert Disk2, and open.
6. Select the same four items as in 3 above. Copy & paste them into folder "Disk2 1984-1991".
7. Perform the same copy and paste operation with Disk3 and Disk4.
8. Disk5 is about the same. Open the 2000-2002 CD and select the folder **PTG** and the file **2000-2002**, and then copy and paste them into the folder "Disk5 2000-2002".
9. The PTJ Reprint Kit sixth disk is also about the same. Select four items on the CD, the **Index** and **Resource** folders and the **Piano** and **Index** files. Copy & paste these into the folder "PTJ Reprint Kit".

This completes the copy operation

10. Now install Acrobat Reader version 4 from any of the disks (with the exception of the PTJ Reprint Kit CD), or download a later version (with Search function) from the Internet.

Now to attach the indexes

- 11a. The easiest way to attach the indexes is to open Adobe Reader and then double-click on the Start.pdf files in each disk's folder for disks 1 thru 5, and the piano.pdf file for the PTJ Reprint Kit. You will only have to do this once as Adobe Reader should remember to attach these indexes every time you open a Journal.pdf file in the future.
- 11b. Another way is to click Search (binocular icon) in the tool bar, then the Indexes button which appears in the new window. Navigate your way to the Index.pdx files in each disk's Index folder for disks 1-5, and the Index.pdx file for the PTJ Reprint Kit, and double-click the .pdx files. As you do this, you will see each index file added to the list of attached indexes.

Now when you do a search query, Adobe Reader will scan all 288 issues of the Journal and the extra 100 articles in the PTJ Reprint Kit (that's a stack over four feet tall!) in very short order.

E-MAIL SUPPORT

Questions concerning the use of the Piano Technicians Journal CD-ROM products may be e-mailed to:

cdsupport@ptg.org

CREDITS

The User Notes were prepared by John Baird and Kent Swafford with contributions and suggestions from Carol Beigel, Jim Harvey, Ron Berry, Garret Traylor, Andy Rudoff, Dean Reyburn, and Newton Hunt. The step-by-step instructions for installing the CD set on a Windows computer were written by Don Rose and John Baird.

ADDITIONAL ADOBE READER VERSION 7 NOTES

1) In Preferences under the Category "Search", increase the number for "Maximum number of documents returned in Results:" from the default of 100, to 200 or more. Otherwise, it might appear that Adobe Reader is not searching all the CDs copied to your hard drive when it stops at 100 hits.

2) Be sure that all indexes are selected. When you initiate a search, the Search PDF panel that opens has a "Look In" window that indicates where Adobe Reader will search. If the text "In the index named INDEX.PDF" appears in the window, the search will be limited to just one CD folder on your hard drive. To change, open the drop down menu of the Look In window and click Select Indexes. All of your indexes should appear in the new window that opens (if not, see instructions on page 6), and click OK. Now, with the text "Currently Selected Indexes" showing in the Look In window, Adobe Reader will search in all of your CD folders.

CORRECT PAGE 34, JUNE 1983:

Old Timers
Continued from page 20

explained as follows. Although the bridge has moved, the friction and binding at the bridge have held the strings and do not allow them to achieve equilibrium. Forceful playing then resolves the imbalance which had been delayed. Superficially, it would seem as though the tuning was not solidly laid in. But a proper understanding of cause and effect enables us to distinguish the two problems — namely, solidity of tuning technique and effects of temperature and humidity changes — so that we may realize that the situation does not constitute a proper test of our tuning technique.

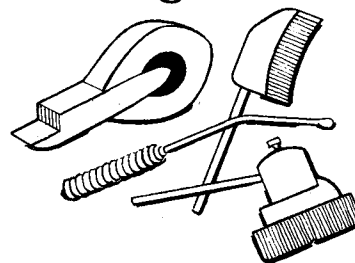
In contrast to the previously described situation, the opposite set of circumstances could occur. If, for example, a piano has been tuned with indifferent attention paid to tuning technique and settling procedures, it is possible to return to such a piano after a period of time and find it relatively well in tune. If the piano has not undergone a variation in environmental conditions and has additionally never been played very forcefully, the tuning may seem to have held up well. It may seem to have stood the test of time. Nevertheless, the tuning technique that was employed is unsatisfactory for a professional piano technician to offer to a professional musician.

Conclusion

For a piano tuner to ensure that he has done all that he might to provide a solid tuning requires that he invest time and effort. It is one of the conditions of our profession that our customers do not always fully appreciate our best efforts. The care we might wish to take is occasionally superfluous to the customer's own perception of his requirements. Are we to cater to our customer's preconceptions on the principle that "the customer is always right"? Or are we rather to regard every customer, demanding professional or undemanding amateur alike, as a challenge to our sense of professional identity? Let us regard each tuning as an opportunity for our customers to sample

the best we have to offer. It is our job as professionals to tell each customer that he deserves good service and that he has a right to good service; then he will come to understand that good service is, in the long term, the most economical.

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