



## Download CALDB 3.4.5

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*Latest Update: 23 June 2008*

***CALDB 3.3.0 or higher is required for the proper operation of CIAO 3.4.*** Likewise, do not update to CALDB 3.4.5 unless you are using CIAO 3.4.

(CALDB 3.4.4 was not released to the public.)

The CALDB is a fully functional, fully indexed, updated version of the same CALDB that is used in Chandra standard data processing (SDP); it includes all the calibration files required by CIAO. As explained in the README, the CALDB must be set up in a directory that is accessible from where CIAO will be used.

For more information on the CALDB, including installation instructions, visit the CALDB website. Details on this release in particular are available from the CALDB 3.4.5 Release Notes.

### CALDB 3.4.5 Full

This is the latest full installation of the CALDB. If you already have *CalDB 3.3.0 or higher* installed, it is only necessary to download the upgrade package.

Contents	File	Size
Full Release	<a href="#">caldb_3.4.5_main.tar.gz</a>	1.7 GB; 3.4 GB unzipped
ACIS background files	<a href="#">acis_bkgrnd_3.4.1.tar.gz</a>	420 MB; 885 MB unzipped
ACIS PSF Library	<a href="#">acis_psflib_2.9.tar</a>	174 MB; 3,060 MB untarred
HRC PSF Library	<a href="#">hrc_psflib_2.0.tar</a>	186 MB; 3,505 MB untarred
Readme file	<a href="#">README_caldb3.4.5.txt</a>	
Manifest file	<a href="#">MANIFEST_caldb3.4.5_main.txt</a>	

## CALDB 3.4.5 Upgrade

This is a cumulative upgrade, updating CALDB versions from **3.3.0** to 3.4.5. If you do not already have at least CALDB 3.3.0 installed, you should download the [full installation](#).

Contents	File	Size
<b>Upgrade Release</b>	<u><a href="#">caldb_3.4.5_upgrade.tar.gz</a></u>	375 MB; 843 MB unzipped
<b>ACIS background files</b>	<u><a href="#">acis_bkgrnd_3.4.1.tar.gz</a></u>	420 MB; 885 MB unzipped
<b>Readme file</b>	<u><a href="#">README_caldb3.4.5_upgrade.txt</a></u>	
<b>Manifest file</b>	<u><a href="#">MANIFEST_caldb3.4.5_upgrade.txt</a></u>	

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URL:  
<http://cxc.harvard.edu/ciao3.4/download/caldb.html>  
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