



CRYPTOR

By Achak C



CRYPTOR is a new password manager for your graphing calculator, allowing you to save your passwords for websites when you don't have access to your phone or a computer.

Sending the right files

There are two files you have to send:

Celtic III: The library

CRYPTOR: The password manager

CRYPTOR won't work if you don't send Celtic III. It also won't work if you don't send itself either.

Installation and set-up

```
Install  
Celtic 3?
```

```
1. YES  
2. NO
```

You can install Celtic III with two ways:

- Installing from the Celtic III application
- Installing from the CRYPTOR application
(This method is quicker)

Press the [1] key to install Celtic III.

```
INSTALL SUCCESS!  
Celtic 3 Was  
Installed.
```

If the method was successful, it will say it was. If not, it will also say so.

When running CRYPTOR for the first time, you have to set up a master password and your security key.

```
Set Up CRYPTOR.  
Type A Password:  
A
```

```
Type A Key:
```

```
SET-UP COMPLETED  
Don't Forget  
Your Password  
Or Security Key!
```

That's all there is to setting up CRYPTOR. You can change things later in Options.

Program usage

After successfully logging in, CRYPTOR will ask you if you want your key to be remembered so you don't have to.

```
REMEMBER KEY?  
1.No  
2.Yes  
3.Don't Ask  
  Again  
Remembering It  
Makes Log-Ins  
Less Secure.
```

WARNING: Remembering your security key will make future log-ins **less secure**.

```
MAIN MENU
1.View      SAVED
2.Edit      0
3.Add       /
4.Delete    250
5.Remove All
6.Options
7.Exit
```

The main menu shows how many saved log-ins you have. You can save up to 250 log-ins, or depending on how much memory and archive you have.

```
OPTIONS
1.-         0
2.Encrypt Lvl...
3.Remember Key 1
4.Security...
5.Arc On Exit 1
6.Save
```

In the Options menu, you can change a variety of options. You can change the Encryption Level, choose whether to remember your security key, or to archive the app vars on exit. The first option does nothing, because that was one feature I was originally going to add, but decided not to. Until a future

release is made, that option will remain unusable.

Encryption Level: You can choose to have the level set to Low, Medium, or High (default).

Remember Key: You can choose for the program to keep the key inside the app var or not.

Security: Change the password, the key, enable or disable whether you want everything to be deleted after 10 failed log-in attempts, or require password for certain options.

WARNING: Changing the encryption level or security key requires the saved log-ins and master password to be updated with the new changes. Interrupting this process with either a system crash or user interruption will cause the unchanged passwords to be corrupted.

Log-in manager

You can add, edit, view, or delete saved login credentials. When adding them, you can add the service name of what the password applies to, the username/email/phone number of the service, and of course the service password.

Compatibility

The following shows which calculators and operating systems are compatible with this program.

TI-83 Plus family: NO

1.03: NO
1.10: NO
1.12: NO
1.13: NO
1.14: NO
1.15: NO
1.16: NO
1.17: NO
1.18: NO
1.19: NO

TI-84 Plus family: YES

0.46: NO
2.21: NO
2.22: NO
2.30: NO
2.40: NO
2.41: NO
2.42: NO
2.43: NO
2.53MP: YES
2.53MP (patched): YES
2.55MP: YES

I'm so sorry for this...

This program only works for monochrome calculators. This is not compatible with the TI-84 Plus C Silver Edition or the TI-84 Plus CE.

I don't know if this works for the TI-Nspire 84+ keypad mode.

Disclaimer

This program comes with NO WARRANTY. The author(s) of this program is not responsible for any damage caused by the use of this program. The authors are not responsible for stolen data of the user of this program, it is up to the user of CRYPTOR to maintain the confidentiality of their personal information.

This program's encryption algorithm is nowhere near as secure as 256-bit AES. This is intended for calculator-storage only, do not store this information on your computer. If you intend to save your passwords on your phone or PC, please use your device's OS built-in manager instead.

Get involved!

This program is not 100% bug-free and has some security vulnerabilities. Help the authors of this program by sending bug reports, comments, suggestions or even complaints.

If you want to help develop for the future version of CRYPTOR, send an email and you can help out!

Send everything to:

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