



Welcome back, Valentin Albillo. You last visited: Yesterday, 11:43 PM Current time: 04-30-2019, 01:09 AM (User CP — Log Out) View New Posts | View Today's Posts | Private Messages (Unread 0, Total 145) Open Buddy List

HP Forums / Not HP Calculators / Not remotely HP Calculators / SHARP PC 1211



SHARP PC 1211 Threaded Mode | Linear Mode

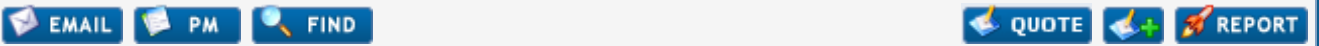
05-30-2018, 02:21 PM Post: #1

Michael Eckstein Junior Member

Posts: 18 Joined: May 2014

SHARP PC 1211

Hi All, I have a question to the owners of SHARP PC 1211 calculator, do you know about any site with some programs from the applications manual for this calculator in the audio wav files or could you please post some of your programs in audio files? Thanks!



05-31-2018, 01:08 PM Post: #2



Valentin Albillo Senior Member

Posts: 347 Joined: Feb 2015 Warning Level: 0%

RE: SHARP PC 1211

. Hi,








Michael Eckstein Wrote: (05-30-2018 02:21 PM) do you know about any site with some programs from the applications manual for this calculator in the audio wav files

No. I've seen some audio files here and there but they were for some other SHARP models, not the 1211.

Quote: or could you please post some of your programs in audio files?

I wrote about 70-100 programs for the SHARP PC-1211 many years ago and stored them in cassette tapes but they're since long unreadable and I have no means of generating new audio files. I keep the program listings in paper, though.

V. .

06-01-2018, 07:52 AM

Post: #3

Michael Eckstein 

Junior Member

Posts: 18

Joined: May 2014

RE: SHARP PC 1211 - SW library project

I have a proposal to create a software library for SHARP PC 1211 (= TRS80 PC-1) in audio format (WMA, WAV, mp3, ...)

If more enthusiasts are interested in this project, then contribute to this thread and we could create a library similar to the nice existing audio software library pro SHARP PC-1500.

I've wrote already a program to PC 1211, then connected CE-121 output to desktop PC with Windows 7 and used the simple standard Windows 7 program audio record. I tested the file by connecting CE-121 to PC plug for headphones. I have to use software sound booster and increased output volume to 250% of maximum volume and the program was flawlessly written into SHARP PC 1211.

I uploaded that program, it's memory test game, load it as MEMORY, press SHFT A and enjoy!

It's here: hp35.wz.cz/1211/memory.wma









06-01-2018, 12:15 PM

Post: #4

foroplus 

Junior Member

Posts: 10

Joined: Dec 2015

RE: SHARP PC 1211

The idea of creating an audio repository for the 1210/11/12 would be a great one.

I own a 1211 but without the interface.

As a proposal, I even could host that repository, with the proper intellectual rights on my site. It's only in Spanish but this part could be translated into English.

<http://basic.hopto.org/basic/1211.php>








06-01-2018, 09:12 PM

Post: #5

**ijabbott** 

Senior Member

Posts: 533

Joined: Jul 2015

RE: SHARP PC 1211**Michael Eckstein Wrote:** 

(06-01-2018 07:52 AM)

I have a proposal to create a software library for SHARP PC 1211 (= TRS80 PC-1) in audio format (WMA, WAV, mp3, ...)

If more enthusiasts are interested in this project, then contribute to this thread and we could create a library similar to the nice existing audio software library pro SHARP PC-1500.

I've wrote already a program to PC 1211, then connected CE-121 output to desktop PC with Windows 7 and used the simple standard Windows 7 program audio record. I tested the file by connecting CE-121 to PC plug for headphones. I have to use software sound booster and increased output volume to 250% of maximum volume and the program was flawlessly written into SHARP PC 1211.

I uploaded that program, it's memory test game, load it as MEMORY, press SHFT A and enjoy! It's here: hp35.wz.cz/1211/memory.wma

Perhaps storing the programs in TRS-80 CAS format (same idea as the various TAP formats for

Commodore and Sinclair home computers) would be an option. There is a list of conversion utilities at:

[TRS-80 Disk and Tape Conversion Utilities.](#)



06-03-2018, 08:28 PM (This post was last modified: 06-03-2018 08:30 PM by Michael Eckstein.)

Post: #6

Michael Eckstein

Junior Member

Posts: 18

Joined: May 2014

RE: SHARP PC 1211

In 80's were sold cassettes with recorded programs for SHARP PC 1211, such as Engineering Math I,II,III, Electrical Engineering, Aviation, Games I,II ... maybe could be found some laying in some socket somewhere? :-)

In the meantime enjoy another audio program for solving simultaneous equations, load A1 then press SHFT A and enter coefficients, then SHFT S solves equations. The program A1 is [here](#)



06-05-2018, 09:46 PM (This post was last modified: 06-05-2018 09:50 PM by ijabbott.)

Post: #7



ijabbott

Senior Member

Posts: 533

Joined: Jul 2015

RE: SHARP PC 1211

ijabbott Wrote: →

(06-01-2018 09:12 PM)

Perhaps storing the programs in TRS-80 CAS format (same idea as the various TAP formats for Commodore and Sinclair home computers) would be an option. There is a list of conversion utilities at:

[TRS-80 Disk and Tape Conversion Utilities.](#)

Those turned out to be unsuitable, but these [Pocket Tools for SHARP Pocket Computers](#) (also available from [Pocket-Tools](#)) seem to work.

Michael Eckstein Wrote: →

(06-03-2018 08:28 PM)

In the meantime enjoy another audio program for solving simultaneous equations, load A1 then press SHFT A and enter coefficients, then SHFT S solves equations. The program A1 is [here](#)

I was able to convert your audio file, after first converting to WAV format, to a BASIC program and back to a WAV file using those Pocket Tools utilities on a Windows machine.

Here is the result of converting to a BASIC program:

Code:

```
10 "A": INPUT "ORDER?";A
20 GOSUB 600
30 B=A: END
40 "S": GOSUB 570
50 D=A(K): IF D<>0 GOTO 160
60 FOR G=1 TO B-1
70 GOSUB 500
```

```

80 D=A(C): IF D<>0 LET A(K)=D: GOTO 110
90 NEXT G
100 BEEP 2: PRINT "NO SOLUTION": END
.....

```

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 REPORT

06-06-2018, 10:14 PM

Post: #8

Michael Eckstein

Junior Member

Posts: 18

Joined: May 2014

RE: SHARP PC 1211

ijabbott Wrote: → (06-05-2018 09:46 PM)

Those turned out to be unsuitable, but these [Pocket Tools for SHARP Pocket Computers](#) (also available from [Pocket-Tools](#)) seem to work.

Yes, [Pocket Tools for SHARP Pocket Computers](#) are great and they are working perfectly, thank you for the link :-). I scanned program from the book by scanner, applied OCR program and then created WAV by PockTools, It was then loaded correctly to PC 1211 by interface CE121.

The only problem is with OCR program, which makes many substitutions, such as 5 <-> S, O <->0, - <-> — etc. Still, it's better than to manually type program by PC 1211 keyboard.

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 REPORT

06-07-2018, 01:58 AM

Post: #9



Valentin Albillo

Senior Member

Posts: 347

Joined: Feb 2015

Warning Level: 0%

RE: SHARP PC 1211

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Hi, Michael:

Michael Eckstein Wrote: → (06-06-2018 10:14 PM)

I scanned program from the book by scanner, applied OCR program and then created WAV by PockTools, It was then loaded correctly to PC 1211 by interface CE121. The only problem is with OCR program, which makes many substitutions, such as 5 <-> S, O <->0, - <-> — etc.

Still, it's better than to manually type program by PC 1211 keyboard.

It depends on the size of the program. If not too big, it might actually be faster and preferable to key in the program right away at the keyboard instead of that cumbersome and error-prone multi-step procedure you indicate (scan, OCR, QC of the OCR'ed text, WAV creation, reading the WAV ...).

I know I'd simply type the program in, easier and even more fun. But that's just me.

Regards.

V.

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