

Super Box 64

Expansion unit for Commodore 64

- Connects 3 cartridges
- IEEE 488 included
- Multi-user with IEEE
- Built-in Reset-function



Box 42054, S-126 12 Stockholm, Sweden

Super Box 64

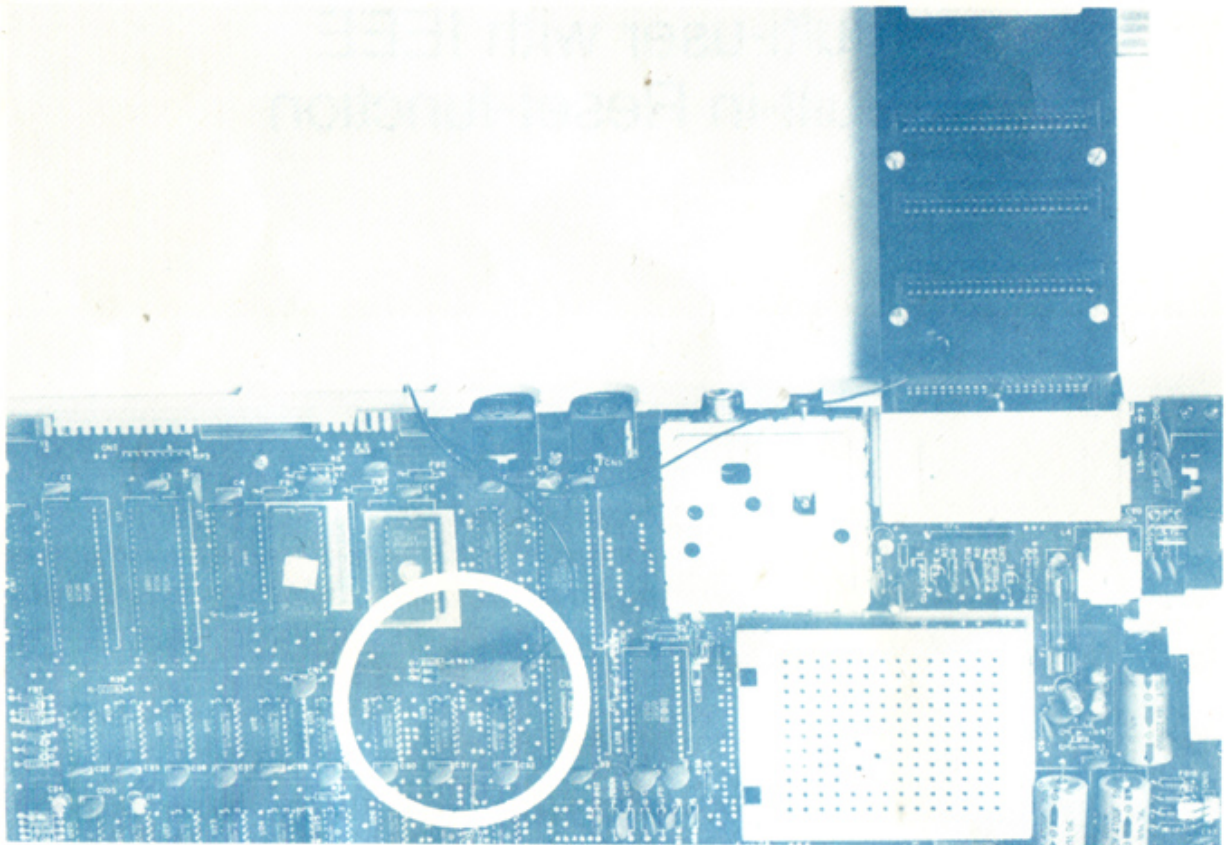
Super Box 64 is an expansion unit for the Commodore 64 which makes it possible to connect up to three cartridges at the same time. Super Box 64 can be extremely useful in many applications.

It becomes very easy to alternate between word processing and calculation, machine code monitor and Tool 64, different games etc.

Super Box 64 also has a built-in IEEE 488 interface, making it possible to run all peripheral units using IEEE 488 standard with the CBM 64. Super Box 64 is equipped with a reset function for cold start of the computer.

Easy connection

First connect the Super Box 64 to the cartridge port on the back of the CBM 64 in the same way as a regular cartridge. Secondly, connect the thin wire according to the diagram below. This wire connection makes the IEEE-function work without using any of the RAM memory.



Connect the wire to the resistor marked R44 exactly as shown in the circle on the picture. (The location of the resistor may differ on different versions of the CBM 64, however, the correct resistor is marked R44 on all versions.)

Easy to use

Super Box 64 has a set of five switches, one for each cartridge, one for IEEE, and one for reset (red). By pressing the corresponding switch the cartridge will be activated. To alter between different cartridges, simply press the corresponding switch together with the reset-switch. Now the new cartridge will be activated and the old one will be disconnected.

Use CBM PET printers, dual disk drives etc.

The IEEE-function makes it possible to run all kinds of peripherals using IEEE 488 standard, also known as GPIB HP-bus. Examples are Commodore dual disk drives 8050 and 8250, printers 1361 and 8023 etc. which all now can be used with the CBM 64. (Of special interest for CBM 64 owners are the CBM 2031 single disk drive, and 4040 dual disk drive. These two drives are using the same disk format as the CBM 1541 single disk drive for the CBM 64.)

By connecting a letter-quality printer advanced print-outs can be obtained from Calc Result or a word processor. Dual disk-drives can be used with Calc Result for more efficient use of the program etc.

IEEE 488 standard is also used on most scientific measuring and testing instruments, which means that the CBM 64 becomes an unbeatable value as a laboratory computer with the Super Box 64.

In order to use the IEEE function together with a cartridge press both the switch for the desired cartridge and the IEEE switch at the same.

Do not connect more than two IEEE units at the same time, and make sure that all units connected are switched on before running the system. If an IEEE unit is connected and not switched on when the system is running, it may damage the Super Box 64.

Multi-user with IEEE

With the Super Box 64 it becomes possible to connect up to four CBM 64 to the same peripherals, (not more than two peripherals, see above). The system requires one Super Box 64 for each CBM in use. The IEEE-bus on the Super Box 64 is connected to the IEEE-bus on the peripheral unit used. The maximum number of computers sharing the peripherals is four.

NOTE! If the Commodore 2031 single disk drive is used with the IEEE function it will state "DEVICE NOT PRESENT" as an answer to the first command given. Then simply give the same command over again and the connection will work. This phenomenon will only occur the first time a command is given when the system has just been started.

RESET – without loosing RAM

By pressing the red reset-switch a cold start of the computer will be activated, which leaves the contents in RAM unaffected. A very useful feature if the systems is blocked, just press the switch and start up again without loosing the contents in RAM.



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