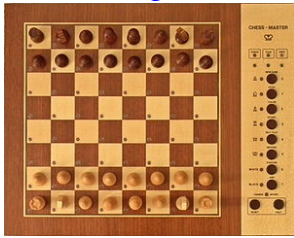


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Chess-Master ^[1]

Chess-Master,

a [dedicated chess computer](#) series manufactured in the 80s by [VEB Mikroelektronik „Karl Marx“](#) [Erfurt](#), [East Germany](#), in [West Germany](#) sold by Radiophon.

Chess-Master ran on an 8-bit [U880](#) CPU, which was an unlicensed [Z80](#) clone, and had 10 KB [ROM](#) and 2 KB [RAM](#). The chess program was initially written by [Dieter Schultze](#) and [Rüdiger Worbs](#).

[Automatic piece recognition](#) was implemented with [Hall effect sensors](#) under each square of the chessboard, while pieces had two reverse directed [permanent magnets](#) with different compensation embedded, so that a cyclic running multiplexed I/O program, also polling the keyboard, could recognize the pieces ^{[1] [2]}.

Chess-Master played the [3rd World Microcomputer Chess Championship](#) 1983 in [Budapest](#), running on a 2.5 MHz processor, searching 12 - 15 [nodes per second](#) ^[3], and competed with [Fidelity Sensory 9](#) for the title of the best commercial entry ^[4].

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Chess-Master Table

The Chess-Master Table was a rare piece of jewelry. Only approximately 10 issues were build for special purposes - for instance, one Chess-Master Table was dedicated to [Fidel Castro](#), a gift by [Erich Honecker](#) ^[6] ^[7] .



Chess-Master Table ^[8] ^[9]

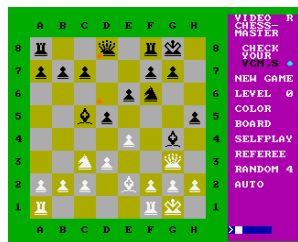
Chess-Master Diamond



Chess-Master Diamond ^[12]

Chess-Master Diamond, the improved Diamond version was contributed by [Rüdiger Worbs](#) and [Wolfgang Pächtz](#) ^[10] , and was released in 1987 ^[11] .

Video Chess-Master



The Chess-Master program was further ported to the [KC 85/2 personal computer](#) (an [Amstrad CPC](#) clone) by [Wolfgang Pätz](#).

Video Chess-Master Screen [\[13\]](#)

Publications

- [Dieter Schultze](#), [Rüdiger Worbs](#) (1986). *Schachcomputer Chess-Master CM*, rfe, H1, S 19-21 [\[14\]](#)
- [Christian Posthoff](#), [Günter Reinemann](#) (1987). *Computerschach - Schachcomputer*. Berlin: Akademie-Verl., ISBN-13: 978-3055002281, with cooperation of [Rainer Knaak](#), [Michael Schlosser](#), [Rainer Staudte](#), [Rüdiger Worbs](#), available from [Wernis Schachlade - Computerschach](#)
- Rainer Hinkeldein, [Rüdiger Worbs](#) (1988). *Schachcomputer Chess-Master Diamond*. rfe, H5, S 316-312
- [Hans-Peter Ketterling](#) (1988). *Nürnberger Messeneuheiten - VEB Mikroelektronik Erfurt - Chessmaster Diamond*. [Europa-Rochade](#) 03-1988, 04-1988 [\[15\]](#)
- [Thomas Mally](#) (1989). *Dinosaur Hi-Tech - Chess Master "Diamond" nicht ganz Lupenrein*. [Modul](#) 1/1989 [\[16\]](#)
- [Karsten Bauermeister](#) (1999). *Deutsch-Deutsche Geschichte(n)*. [Computerschach und Spiele](#). No. 5, October-November 1999, pp 32-33 (German)

See also

- [Chessmaster](#)
- [ChessMaster](#) aka Chess Champion Super System III
- [Masters](#)
- [SC 1](#)
- [SC 2](#)

External Links

- [Chess-Master's ICGA Tournaments](#)
- [Rft/VEB Erfurt Chess-Master Electronic Chess Computer](#) from [The Spacious Mind](#)
- [Chess Master](#) by [Tom Luif](#)

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- [OEM und Sonstiges - Schachcomputer "ChessMaster"](#) from [Robotron-net.de](#) (German)
- [Schachcomputer](#) from [robotrontechnik.de](#) (German)

References

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4. [^ David Kittinger \(1984\)](#). *Report from Budapest*. [Computer Chess Digest Annual 1984](#) pp. 34
5. [^ CM, Schachcomputer in der DDR](#) from [Wikipedia.de](#) (German)
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7. [^ Karsten Bauermeister \(1999\)](#). *Deutsch-Deutsche Geschichte(n)*. [Computerschach und Spiele](#). No. 5, October-November 1999, pp 32-33 (German)
8. [^ Kombinat Mikroelektronik Erfurt \(KME\)](#) from [Wikimedia Commons](#), Photo by [Erdmann Schleinitz](#)
9. [^ Chess-Master Schachtisch](#) from [Schachcomputer.info Wiki](#) (German)
10. [^ Chess-Master Diamond](#) from [Schachcomputer.info Wiki](#) (German)
11. [^ Chess-Master Diamond](#) from [Schachcomputer.info Wiki](#) (German)
12. [^ Kombinat Mikroelektronik Erfurt \(KME\)](#) from [Wikimedia Commons](#), Photo by [Erdmann Schleinitz](#)
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14. [^ OEM und Sonstiges - Schachcomputer "ChessMaster"](#) from [Robotron-net.de](#) (German)
15. [^ VEB Mikroelektronik Erfurt - Chess-Master Diamond](#), pdf hosted by [Hein Veldhuis](#)
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