

[Home](#) \* [Engines](#) \* **Milton Bradley Phantom**



MB Phantom Box <sup>[5]</sup>

**Milton Bradley Phantom**, a [robot type dedicated chess computer](#) by [Milton Bradley International Inc.](#), sold as *MB Grandmaster* on the American market, the *Milton* in Germany, The Netherlands and France, and the *Phantom* in the UK. It has a [X-Y plotter](#) type [actuator](#) with drive belts which pull a [solenoid](#) up and down two metal rods in the x and y axes, able to pick up individual [magnetic](#), and therefor recognizable pieces, and to move them over a touch [sensory board](#). The chess program and the software to control the [electromagnetic](#) system which moved the pieces was developed by [Intelligent Software](#). According to *Schachcomputer.info Wiki*, the [6502](#) 16KiB program was written by [Mark Taylor](#), and was similar to the program of the [Chess Champion Mark V](#) <sup>[1]</sup>. The Milton Bradleys were in production before the end of 1982 and in the shops early in 1983 <sup>[2]</sup>. Still in the 80's, [Fidelity Electronics](#) bought the rights on the Phantom <sup>[3]</sup> and released a follow up model with a program by [Dan](#) and [Kathe Spracklen](#), the [Fidelity Phantom](#) <sup>[4]</sup>.

## Table of Contents

[See also](#)

[Publications](#)

[Forum Posts](#)

## [External Links](#)

[Milton Bradley Phantom](#)

[Milton Bradley](#)

[Phantom](#)

## [References](#)

[What links here?](#)

## See also

- [Demonology](#)
- [Fidelity Phantom](#)
- [Robot Adversary](#)
- [Robots](#)
- [Novag 2Robot](#)

## Publications

- [Tony Harrington](#) (1983). *Phantom Moves*. [Personal Computer World](#), July 1983, [pdf](#)

## Forum Posts

- [Dedicated chess computers : Milton Bradley Robot](#) by [Vincent Lejeune](#), [CCC](#), November 08, 2012
- [Question regarding Milton Bradley Phantom](#) by Larry, [Hiarcs Forum](#), November 18, 2013

## External Links

### Milton Bradley Phantom

- [Milton Bradley Phantom](#) from [Chess Computer UK](#) by [Mike Watters](#)
- [Patents](#) from [Chess Computer UK](#) by [Mike Watters](#)
- [Ismenio's chess computer collection - MB Phantom Chess Computer](#)
- [Ismenio's chess computer collection - MB Grandmaster](#)
- [Phantom Chess](#) by [Bill Buxton](#), April 2011
- [Milton Bradley](#) from [Schachcomputer.info Wiki](#) (German)
- [Schachroboter](#) from [Kurt's Schachcomputer Homepage](#) by [Kurt Kispert](#) (German)
- 1983 Milton Bradley Phantom - Automated Chess Computer Setting Up, [YouTube](#) Video

## Milton Bradley

- [Milton Bradley from Wikipedia](#)
- [Milton Bradley Company from Wikipedia](#)
- [Milton Bradley Playmate from Wikipedia](#)

## Phantom

- [Phantom from Wikipedia](#)
- [The Phantom from Wikipedia](#)
- [Erik \(The Phantom of the Opera\) from Wikipedia](#)
- [Fantom \(disambiguation\) from Wikipedia](#)
- [Fantom \(programming language\) from Wikipedia](#)
- [Fantômas from Wikipedia](#)

## References

1. <sup>^</sup> [Milton Bradley](#) from [Schachcomputer.info Wiki](#) (German)
2. <sup>^</sup> [Milton Bradley Phantom](#) from [Chess Computer UK](#) by [Mike Watters](#)
3. <sup>^</sup> [Ismenio's chess computer collection - MB Phantom Chess Computer](#)
4. <sup>^</sup> [Fidelity Phantom](#) from [Schachcomputer.info Wiki](#) (German)
5. <sup>^</sup> [Flickr - Fotosharing | Robots](#) by [Chewbanta](#)

## What links here?

Page	Date Edited
<a href="#">Chess Champion Mark V</a>	Sep 7, 2017
<a href="#">Engines</a>	Mar 10, 2018
<a href="#">Fidelity Phantom</a>	Dec 1, 2017
<a href="#">Intelligent Software</a>	Dec 11, 2012
<a href="#">Mark Taylor</a>	Jan 7, 2016
<a href="#">Milton Bradley</a>	Jun 30, 2013
<a href="#">Milton Bradley Phantom</a>	Apr 18, 2016
<a href="#">Personal Computer World</a>	Apr 12, 2013
<a href="#">Robot Adversary</a>	Mar 14, 2015
<a href="#">Robots</a>	Feb 20, 2018
<a href="#">Tony Harrington</a>	Sep 26, 2014

[Up one level](#)