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Mephisto Dallas [68000](#) module <sup>[2]</sup>

### **Mephisto Dallas,**

a [dedicated chess computer module](#) by [Hegener & Glaser](#) released in late 1986 for their [Mephisto module systems](#). Mephisto Dallas was [Richard Lang's](#) further development of the [Mephisto Amsterdam](#), the winner of the previous year's [WMCCC](#), still persistent inside a 64 KiB [ROM](#) but using 64 KiB of [RAM](#). Improvements were mentioned in [evaluation](#) and [search](#), combining enhanced [tactical](#) skills with a [strategic](#) grasp of [pawn structure](#), [weak pawns](#), advanced [passed pawns](#), [minority attack](#) and [king safety](#) <sup>[1]</sup>.

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## 68020 vs 68000

Dallas was Lang's second coup with Mephisto, like its competitors with three incarnations playing at the [WMCCC 1986](#) in [Dallas](#) - all three on a [68020](#) processor at 30 MHz <sup>[3]</sup> - **Mephisto 3** won the title with 6/7, only losing the last round vs. [Rebel](#) aka Recom Deventer A. Another 68020 Mephisto also played in the evening at the simultaneous scheduled [ACM 1986](#) only a foot walk far away <sup>[4]</sup>. Opposed to the Amsterdam, where a 68020 version which actually won the title was not sold, but only a 68000 module with World Champ button, the Dallas 68020 version was released with a 14 MHz 32-bit CPU, beside the cheaper 12 MHz 68000 module with only 16 Kib of [RAM](#), both with the same World Champ 1986 button. However, at [Aegon 1987](#) Mephisto Dallas 68000 became best computer - 3rd with 4½/6, followed by Mephisto Dallas 68020, 4th with 4/6 .

## Selected Games

[WMCCC 1986](#) round 4, the predetermining match of later runner-up [Fidelity A](#) vs. later champion Mephisto 3 <sup>[5]</sup>

```
[Event "WMCCC 1986"]
[Site "Dallas, USA"]
[Date "1986.11.02"]
[Round "4"]
[White "Fidelity A"]
[Black "Mephisto 3"]
[Result "0-1"]
```

```
1.e4 Nf6 2.e5 Nd5 3.Nc3 Nxc3 4.dxc3 d6 5.Nf3 Nc6 6.Bf4 Qd7 7.Bb5 a6 8.
Ba4 b5
9.Bb3 Qf5 10.Bd5 Bb7 11.g3 dxe5 12.Nxe5 O-O-O 13.O-
O g5 14.c4 bxc4 15.Nxf7 Rxd5
16.Qh5 gxf4 17.Qxf5+ Rxf5 18.Nxh8 Bg7 19.g4 Rg5 20.h3 Bxh8 21.c3 h5 22
.Rfe1 Ne5
23.Kf1 hxg4 24.hxg4 Bf3 25.a3 Rxg4 26.Rxe5 Bxe5 27.Rc1 Rh4 28.Ke1 Rh2
29.a4 Bf6
30.Ra1 Bh4 31.Kd2 Bxf2 32.Kc2 Be4+ 33.Kd1 Be3 34.Ke1 f3 35.Ra2 Rh1# 0-
1
```

## UCI Engine

Courtesy of [Ed Schröder](#) and [Richard Lang](#), Mephisto Dallas is available as [emulated UCI engine](#) <sup>[6]</sup> <sup>[7]</sup>.

## See also

- [Demonology](#)
- [Mephisto Amsterdam](#)
- [Mephisto Roma](#)

## Manuals

- *Mephisto Dallas - Bedienungsanleitung*. (German) [pdf](#) hosted by [Alain Zanchetta](#)

## Forum Posts

- [Munchen Dallas unit just refurbished, tested and fixed...Offers please..](#) by [Fernando Villegas](#), [CCC](#), September 08, 2005
- [Collectos Corner: my game vs. Dallas 68.020 from 1987](#) by [Jeroen Noomen](#), [CCC](#), February 08, 2006
- [Roma 32 32 Bit vs Dallas 32 Bit](#) by Ricardo Rodulfo, [Hiarcs Forum](#), August 31, 2015 » [Mephisto Roma](#)
- [Man vs Machine. Alte Zeiten \(08\)](#) by [Kurt Utzinger](#), [CSS-Forum](#), August 05, 2016 (German)

## External Links

- [Mephisto's ICGA Tournaments](#) (including Dallas)
- [Mephisto Munchen Dallas 68020](#) from [Chess Computer UK](#) by [Mike Watters](#)
- [Mephisto Dallas 68000](#) from [Schachcomputer.info Wiki](#) (German)
- [Mephisto Dallas 68020](#) from [Schachcomputer.info Wiki](#) (German)
- [Mephisto München Dallas 32 bit. \(18 Mhz\)](#) from [Kurt's Schachcomputer Homepage](#) by [Kurt Kispert](#) (German)
- [Back to the 80's with UCI](#) by [Ed Schröder](#)

## References

1. ^ *Mephisto Dallas - Bedienungsanleitung*. (German) [pdf](#) hosted by [Alain Zanchetta](#)
2. ^ [Dallas 68000](#) from [Mephisto | Photo collection](#) by [Chewbanta](#)
3. ^ [Mephisto Munchen Dallas 68020](#) from [Chess Computer UK](#) by [Mike Watters](#)
4. ^ [Danny Kopec](#), [Monty Newborn](#) (1986). *Belle and Mephisto Dallas Capture Computer Chess Title at the FJCC*. reprinted in [The ACM's Eighteenth North American Computer Chess Championship](#) from [The Computer History Museum](#), [pdf](#)
5. ^ [Dallas 1986 - Chess - Round 4 - Game 4 \(ICGA Tournaments\)](#)
6. ^ [Back to the 80's with UCI](#) by [Ed Schröder](#)
7. ^ [Back to the 80's](#) by [Ed Schröder](#), [Hiarcs Forum](#), December 13, 2007

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