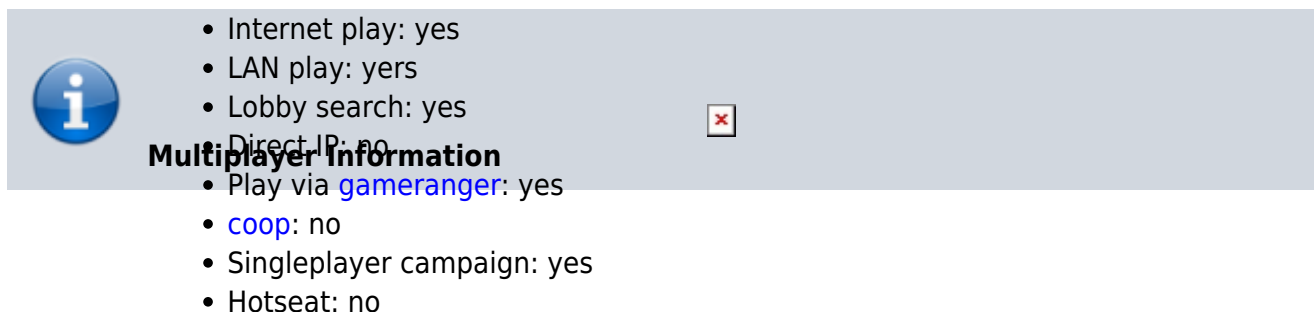


# Ground Control

## Info

A screenshot of a 'Multiplayer Information' dialog box. On the left is a blue circular icon with a white lowercase 'i'. To its right is the title 'Multiplayer Information' in bold black text. Below the title is a list of seven bullet points: 'Internet play: yes', 'LAN play: yers', 'Lobby search: yes', 'Direct IP: no', 'Play via [gameranger](#): yes', 'coop: no', and 'Singleplayer campaign: yes'. At the bottom of the list is 'Hotseat: no'. In the top right corner of the dialog box is a small square button with a red 'x' icon, used for closing the window.

- Internet play: yes
- LAN play: yers
- Lobby search: yes
- Direct IP: no
- Play via [gameranger](#): yes
- coop: no
- Singleplayer campaign: yes
- Hotseat: no

Ground Control is a real-time strategy game that practically completely lacks economic development of any kind. Configure landing ships, configure squads, and off you go. The freely turnable camera is a good interface, and the graphics are quite good for its age. However, I recommend that you familiarize yourself with the subtleties of the units in the singleplayer at least in a few missions, as you can't compensate for anything if you messed up your squads configuration. Just this much: Heavy Hover-/Terradyns can withstand a lot, but they are damn slow. And not every type of unit can attack air units.

## Purchasing

You can either buy GC as a CD version on various online platforms like Ebay or Amazon from the private seller or dealer. Or you can get it via [GOG](#). The game is actually worth it. The GOG price of 5.50 € is anything but too expensive for the game plus expansion.

## Installation

The game has a copy protection (SecuRom 3.17). In order to play from a CD image you need to emulate the copy protectors at Daemon Tools. CloneCD for creating an image or a copy has proven to be useful in this respect. There are several patches in circulation which all have one thing in common: They only work with the version for which they are intended and the language for which they were made. So a patch from version 1.0.0.7 to 1.0.1.1 only patches version 1.0.0.7, but not for example 1.0.0.8. The English patch also refuses to be installed on a German installation and vice versa. The latest version is 1.0.1.1, but the language version does not affect the crack. If you copy an (allegedly) English crack over a German or French version, the language is unaffected. It will then continue to indicate at the bottom right of the game that it is a German or French version. So as always: Install, patch, then copy the crack over if necessary. The latter only makes sense if you have already installed the extension – unless you don't want it at all. The Dark Conspiracy expansion has 15 new missions (directly continuing the GC storyline) and a few more units, along with new maps. It also creates a shortcut (unless you have deselected it) that starts the expansion. Technically this is only a mod. So it doesn't come with its own binary or something, but is started with the usual GC.exe. The Windows link in the start menu or on the desktop is designed so that the extension is started instead

of the normal GC. The start parameters to load the mod look like this:

```
path\to\gc.exe -mod DARKCONS
```

The link essentially does nothing else. But if it gets lost, you can create it yourself with the start parameters. Cracks do not only work with the basic game, but also with the expansion.

## Problems

Under Win 7 x64 the game can be played just as well as under XP x86. But what happens sometimes are incompatibilities with a certain hardware. There have been cases reported where the game ran so slowly on a PC with Dualcore 2.4 GHz and an ATI Radeon Mobility 2600 XT while it was fast on a Pentium III with Riva TNT 2 in comparison to that. Driver updates may help here.

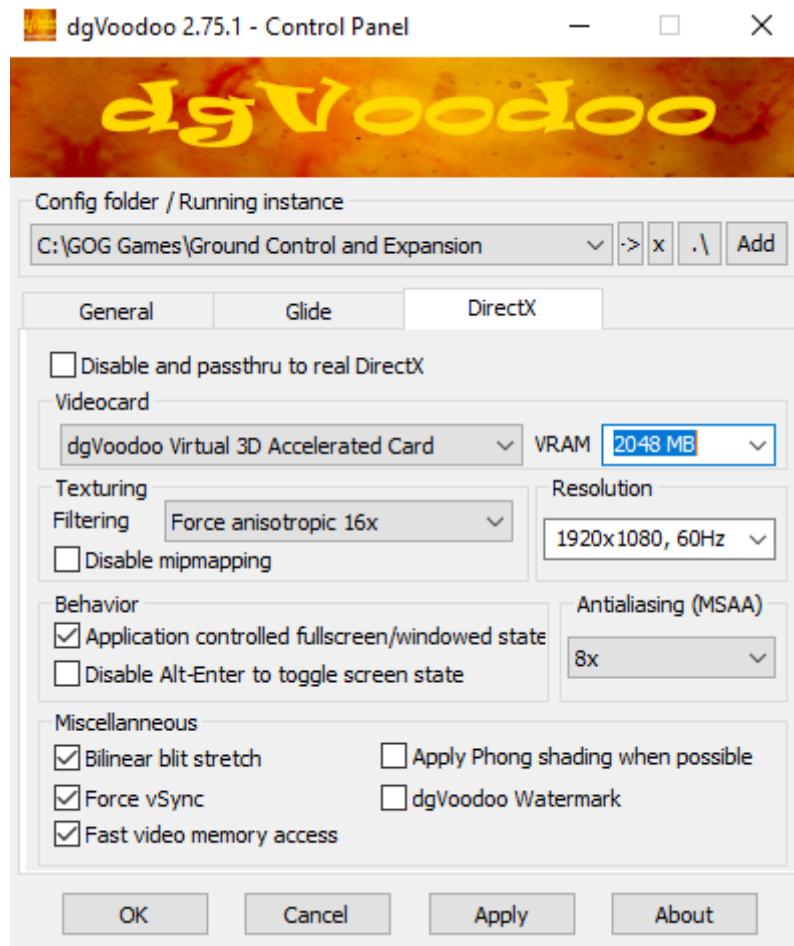
Under Win 10 there are cases where the game simply won't start. It shows a black screen for a moment and then crashes. [This fix](#) may help to solve the problem.

Also some players reported, that the game only works properly under Windows 10, when run with administration privileges.

## Graphics

There is also a Full HD patch in circulation, where the game is started with the switch `-1600`, which uses the resolution 1920×1080, if you delete the file `data\gcvideo.dat` before. Advantage: No more distorted 4:3 images and more overview. Disadvantage: Less accurate clicking and especially the graphical controls are even smaller. This also applies to the map overview, both in the small and in the enlarged view.

The better option is using DGVoodoo: <http://dege.freeweb.hu/dgVoodoo2/dgVoodoo2/>. Use the provided files in the sub folder *MS/x86*, place them in your game folder, along with the also provided *dgVoodooCpl.exe*. You can then use settings similar to these:



The *Resolution* should of course fit your hardware. Set it as high as you can, for maximum improvement of the optics. *Antialiasing (MSAA)* and *Texture Filtering* can be set to the maximum as well. Adjusting the rest of the settings like shown should work just fine.

The user interface should look as big as you are used to (but a bit stretched when playing on wide screen resolutions) while the actual game world elements are as good as they can be. Textures will not show a lot of improvement, but everything that is rendered live, e.g. way point markers or landing drop ships will be a lot sharper.

## Network

For Internet games, ports 15001, 15101, 15200, 20000-21000, and 25000-25499 ([TCP](#) + [UDP](#)) should be enabled. However, this is relatively meaningless, because there are no dedicated servers anymore, because the [WON](#) servers have been shut down in the meantime. There is also a dedicated server software to play on the Internet, but it would also try and report to the [WON](#) servers which no longer exist. So there is no way to play via the ordinary ways. Direct IP input is not possible, so a dedicated server makes no sense.

There is, however the possibility, to use [Gameranger](#) so start games over the Internet. But this has not been tested yet. Playing via VPN works just fine. Allegedly GC is played on the Internet relatively active (for the age of the game).

## Weblinks

- [GC Veterans](#)
- [GC Discord](#)
- [A few more GC-Files](#)
- [Another Wiki for GC](#)
- [Wikipedia on GC](#)
- [Speedrun of GC](#)

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