



Features Compared

Hauptwerk feature comparisons

Editions

There are three editions of Hauptwerk:

- The **Advanced Edition**, which contains all functionality.
- The **Basic Edition**, which has a subset of the functionality of the Advanced Edition for those on a tighter budget.
- The **Free Edition** has a subset of the functionality of the Basic Edition for home practice use for students and others who, for any reason, aren't able to afford a license.

The **Basic Edition** is functionally identical to the Advanced Edition, except for the following limitations:

- Its **polyphony** is restricted to **1024** simultaneous voices (pipes).
- You can load a **maximum of 3 GB of sample data** into memory at a time. You can load larger sample sets, but you will need to disable some ranks.
- No **multi-channel audio output** facilities.
- No **multi-monitor/multi-touchscreen** support.
- No **MIDI output** facilities
- No user per-pipe **real-time voicing** facilities.
- No **wind supply** model.

The **Free Edition** has all features of the Basic Edition except:

- Its **polyphony** is restricted to **256** simultaneous voices (pipes). That's sufficient for practicing with a reasonable number of stops on organs with small and medium-sized acoustics.
- You can load a **maximum of 1.5 GB of sample data** into memory at a time. You can load larger sample sets, but you will need to disable some ranks.
- 24-bit or 32-bit sample sets will work fully, but can be loaded in a **maximum of 16-bit resolution**.
- Non-commercial, home **personal use only**.
- **No support**. You must buy a licensed edition if you need help or advice from us.
- You may use the Free Edition on only **one computer at a time**.
- You cannot use commercial sample sets if they are licensed via the Hauptwerk USB key (unless you have a license for them on an attached Hauptwerk USB key for an earlier Hauptwerk version).

Key new features in version 3 above version 2

You can find the full list of differences between version 3 and version 2 in the current Hauptwerk release notice. A few of the highlights are:

- Platforms: Microsoft **Windows Vista** fully supported (32 and 64-bit).
- Platforms: Apple Mac **OS X Leopard** 10.5.6 fully supported (32 and 64 bit).
- Performance: new **ultra-fast sample set loading mechanism** loads organs in a fraction of the time.
- Performance: optimizations can give **15-30 percent higher polyphony** from existing hardware (subject to edition).
- Performance: much more advanced and **resilient built-in audio recording system**.
- Performance: additional per-rank **20 and 14-bit options** for sample resolution in memory, saving memory over 24 and 16-bit.
- Performance: various **new per-rank memory saving options**, e.g. disable multiple releases.
- Performance: **sample set caches rarely need regenerating** when installing/uninstalling/upgrading/importing (new in version 3.10).
- Performance: **ultra-fast combination loading** (new in version 3.10).
- Performance: **tremulant model uses much less processing power**, especially for large theatre organs (new in version 3.10).
- Functionality: **multi-monitor / multi-touchscreen** support (Advanced Edition only).
- Functionality: St. Anne's sample set virtual console has new left and right stop jamb pages.
- Functionality: enormously more flexible **Custom Organ Design Module**, including support for fully-customizable graphical consoles and theatre organ features.
- Voicing: **per-pipe parametric EQ adjustments** (Advanced Edition only).
- Voicing: **per-pipe stereo balance adjustments** (Advanced Edition only).
- Voicing: **per-pipe voicing screen optimized for touchscreen use** (Advanced Edition only).
- Voicing: master **per-rank voicing controls** (Advanced Edition only).
- Voicing: **change registrations with mouse/touchscreen without closing voicing screen** (Advanced Edition only).
- Voicing: **voicing adjustment ranges increased** (Advanced Edition only).
- Voicing: various other very handy usability enhancements (Advanced Edition only).
- Functionality: new native **settings/data backup/restore** functionality (new in version 3.10).
- Functionality: maximum **polyphony increased to 32768** (Advanced Edition only).
- Functionality: **control several virtual controls from a single MIDI control**.
- Functionality: much more advanced **bass and melody couplers**.
- Functionality: automatic **MIDI feedback detection**.
- Functionality: **improved launching on computer boot**.
- Concert Edition renamed to Advanced Edition, Studio Edition renamed to Basic Edition (no loss of functionality).

... plus many other smaller but very useful functionality, performance, and usability enhancements.

Key new features in version 3 above version 1

Hauptwerk was completely rewritten for version 2 and above and most of its features are new in comparison.