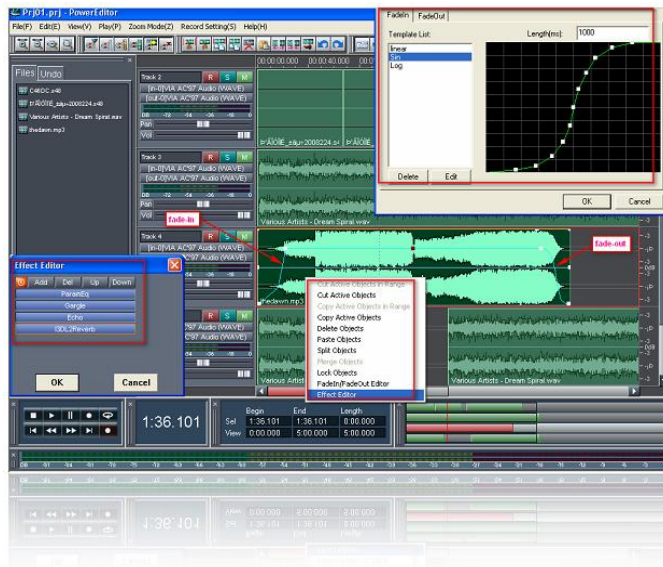# PowerEditor

Cross-format multi-track sound editing system for broadcaster

PowerEditor is a professional sound editing and production software, especially designed for radio / TV industry and personal editing, but also work well with music production and live recording.

It's very easy to integrate PowerEditor into a radio automation system, Newsroom system or any other systems via Microsoft COM interface.

Most of the sound editing softwares are for the music industry, but not for the broadcaster. PowerEditor is designed mostly for Radio / TV program production and personal edition.
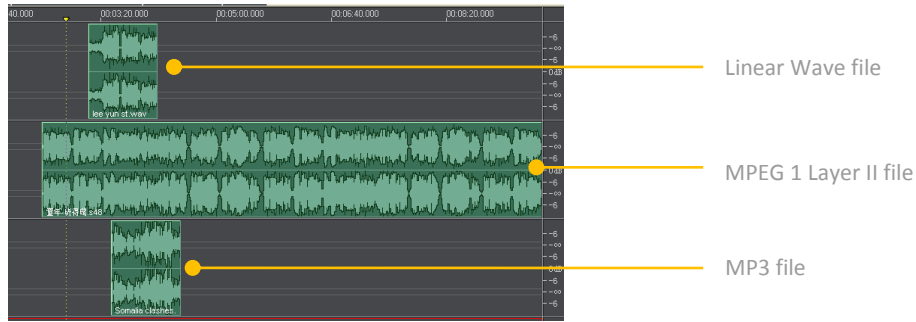
PowerEditor has a very low learning curve, those who are experienced with Adobe Audition (CoolEdit), Samplitude, Nuendo might find it easy to work with PowerEditor.

Features

- Support any type of soundboard，WDM, ASIO, DirectSound, MME and Digigram NP runtime driver
- Physical multi-track record/Playback, No limit of number of virtual track
- Support PCI, PCI-E, USB, Firewire audio interface
- Support MCP and HUI control protocol with which PowerEditor can be operated with buttons, JOG wheel and faders.
- Support DirectX and VST effect plug-ins, plug-in settings can be stored in the project file which means you can retrieve the effect settings in another computer
- Effects can be assigned to both sound clip and track.
- Unique tape machine style recording make it much easier to record voice track for radio and TV program.

- Transparent and real-time cross format editing, recording, playback and effects
- Editing tools designed specifically for broadcaster.
- Auto-save of editing and recording
- Open interface for integration into other systems
- Correlation display in each sound clip.
- User definable fade in/out curve adjustment.
- Marker can be placed on clip or time scale
- Support multi-format sound file to export
- Time stretching and pitch shift
- Open interface with 3rd party database applications.
- VU/PPM metering and correlation metering
- Silence and Anti-phase detect during mixdown
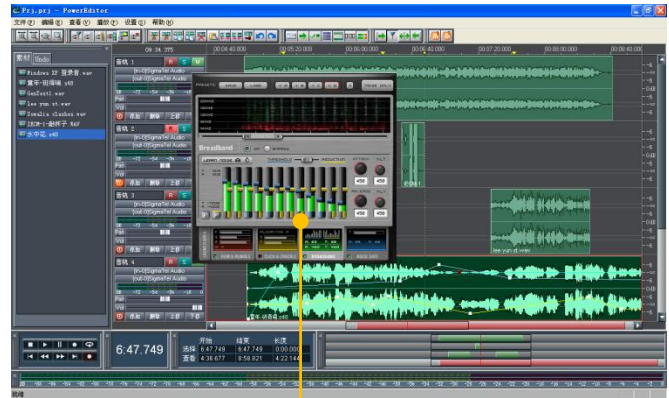- Built-in FTP client for easy integration with network applications.

R.X.F（Realtime Cross-Format）Technology

The world first product supports real-time cross-format editing, playback and recording. User can work with almost all the Wave, MP3 and MP2 files without having to decode into linear wave format. Decoding and encoding is not only time-consuming but also cause quality degrading.

Linear Wave file

MPEG 1 Layer II file

MP3 file

Support DirectX and VST Effect Plug-ins

PowerEditor supports DirectX and VST effect plug-ins which means you can use more than one thousand plug-ins available in the market. Settings of the effect plug-in can be saved into the project file. Plug-in can be applied to both the clip and sound track.
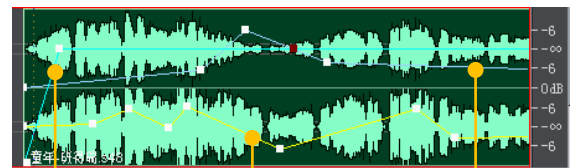
Effect plug-in window

Up to five effects plug-ins can be applied to one clip

Easy Level/Pan curve adjustment

The Level/Pan curve can be adjusted by just mouse dragging. The waveform will change in real time to display the real level of the clip being adjusted. The overall level of the clip and the fade in/out time can also be adjusted easily by dragging the level line or the fade points.
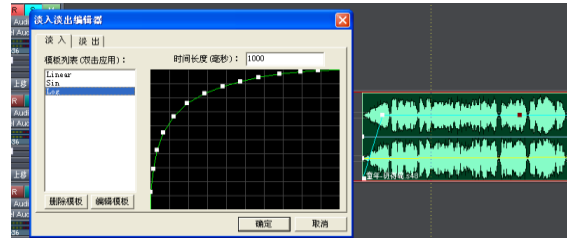
Level control and the fade point of the clip

Volume curve

Pan Curve

Fade in / Fade out

Auto cross fade will be applied when two clips are overlaid in one track. The curve of fade in/out is user definable.

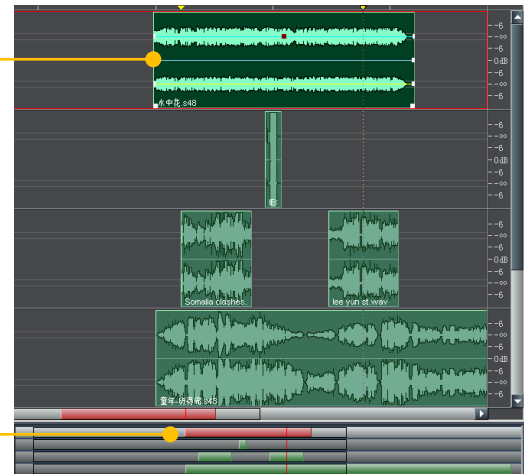Linear/Log/SIN/Parabola/Hyperbola curves are already included in the software.

Auto-save of editing and recording

To avoid loss of data PowerEditor saves the sound file being recorded to the disk every 10 seconds saves project file each time when there is a editing being done.

Overview of the whole project

Overview of the whole project make it easier to locate one clip in a big multi-track project without having to zoom in and zoom out all the time. Each clip is displayed as a rectangle in the overview area. The selected ones will be displayed in red
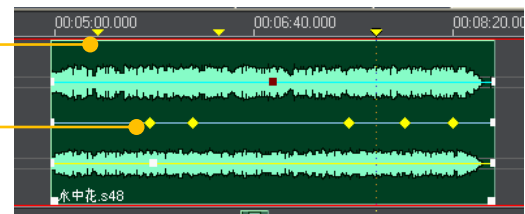

Each rectangle represents a sound clip

Marking

Markers can be placed both on sound clip and time scale.

You can locate the specific marker in the marker list.

Marker can also be named in the marker list.

Marker on the time scal

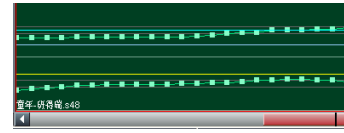Marker on the sound clip

Editing while recording at the same time

You can edit the sound file even when it's still being recorded; this saves a lot of time when you are recording a long-time event.

Precise editing to the sample level

You can edit the sound file very precisely; you can zoom in to the sample view to edit the sound.

Multi-track live recording

PowerEditor supports physical multi-track audio interface, which means you can record a band performance or any other event live in multi-track.
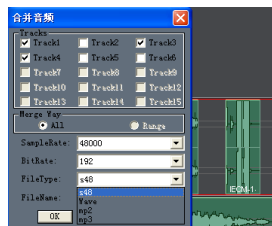
Silence and anti-phase detect during the mixdown

Silence and anti-phase detect when the project is being mixed down.

This will help journalist to avoid program quality problem

Support a variety of output file format

Support a variety of output file format, sample rate and bitrate with mixdown.

Support of external controller

PowerEditor can work with any PCI/PCI-E/USB/Firewire audio interface, PowerEditor also support HUI and MCP control protocol, with which PowerEditor can be controlled by any HUI/MCP compliant controller. You can use the JOG wheel, transport control and faders to work instead of the inconvenient computer keyboard and mouse.

PowerEditor can work very well with external audio interface (Firewire or USB) which may has control like JOG, buttons and faders. That's a very cost effective way to have a fully featured production system.

Open interface for easy integration with 3rd party application

There is some interoperability interface inside PowerEditor, that makes it easier to integrate PE into a existing system or any other 3rd party application. All of these interfaces are open to partners

PowerEditor OEM edition is also available.
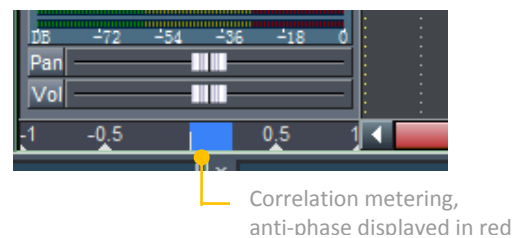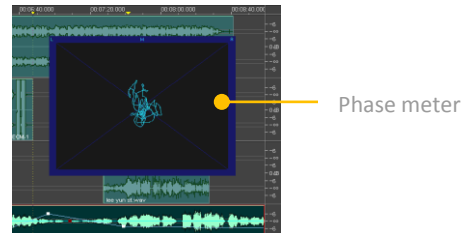
Work with the same project in different PCs

You can transfer project file among different computers without any loss of data and settings. You can record voice/music in the studio and then transfer the project file to the editing computer in office or in home. The project file contains all the information you need to do further editing: effect plug-in settings, markers, memo in text. You can even continue undo/redo in a different computer because the operation history is also stored in the project file.

FTP Client software built in

PowerEditor has FTP client built in, and the FTP client control interface is open, 3rd party application just tell PE the FTP server address, login information and the filename, PowerEditor will do all the rest of the job including download the file into the local disk and import it onto the sound track.

Metering of level and phase

Level and phase metering for record and playback. Each track has its own PPM meter

Phase meter

Correlation bar of one clip, anti-phase displayed in red

Correlation metering, anti-phase displayed in red

Infomedia Digital Technology Co., Ltd

Infomedia is one of the biggest providers of radio automation system in the world. Infomedia is also one of the leading manufacturers of professional digital recorder in the world. Infomedia also provides many other products like,

- Audio routing system based on CobraNet
- Audio routing system based on IP
- Multi-audio signal backup selector
- Audio distribution amplifier with metering/monitoring via IP
- Professional solid state audio player

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