



PIANOTEQ

TRUE MODELLING

Fourth Generation Piano Instrument

MODARTT
DATA & MODEL COUPLING

Press release
October 28, 2009

MODARTT releases Pianoteq Pro, a major contribution to the piano modelling history!



MODARTT is proud to announce the release of the eagerly awaited Pianoteq Pro, the advanced version of Pianoteq. Its major novelty is the note per note adjustment for physical parameters. The model itself has been improved in many areas, making the sound more beautiful and realistic than ever. Simultaneously, Pianoteq Standard is upgraded to version 3.5 and benefits from the same model improvements as a free bonus.

Pianoteq Pro powerful Note Edit

Announced in June 2007 on the Pianoteq forum and awaited by many customers, Pianoteq Pro is the advanced version of Pianoteq – the award winning physically modelled piano.

For the first time in the history of pianos, complete control of physical parameters of the piano is made available to the user. In the real world, reshaping a soundboard would require several weeks of work in the factory. With Pianoteq Pro, you have a new soundboard only one mouse click away!

Pianoteq Pro features the note per note adjustment for physical parameters. **No less than 22 parameters offer this full control, such as tuning, unison width, hammer hardness, strike point, string length, spectrum profile, soundboard impedance, damper position...** In fact there are thousands since each overtone of each note can be controlled separately with the **spectrum profile** parameter!



In 1977, Gabriel Weinreich concluded his grounding article “*Coupled piano strings*” with “*In any case, one could expect to build a better piano if the aftersound could be more deliberately controlled through an appropriate understanding of the soundboard*”. Thirty-two years later, Weinreich’s dream is becoming reality with Pianoteq Pro.



Sharing creations

Another revolution in the history of piano manufacturing: the instrument creators can “duplicate” and share their creations, an impossible task to achieve with acoustic pianos! All instruments created with Pianoteq Pro can be loaded in Pianoteq Standard and used by the whole Pianoteq community.

Model improvements

The following technical improvements come with Pianoteq Pro, and will also benefit Pianoteq Standard 3.5 upgrade:

- Richer soundboard model providing longer beautiful singing notes,
- Extremely realistic sympathetic resonances model, with a *Duplex scale* that can now be controlled separately by the user. The duplex scale resonance is issued from the undamped string parts located between tuning pins and frame and between bridge and frame. This invention was patented in 1872 by Steinway, who was in relationship with the physicist Hermann von Helmholtz, and enriches the harmonic content of the notes,
- Improved damper model, particularly noticeable in the bass when using partial pedals, and also with keyboards sending variable key release velocity,
- Hammer strike point and damper position now available to the user,
- Modification of the quadratic model, particularly noticeable in fortissimo,
- User modifiable velocity curves for the sustain pedal and note release velocity,
- Adjustable playback speed of the MIDI player in the standalone version.

More than ever, Pianoteq offers all possibilities, from a “ready to play” piano to a complete piano factory.

Pianoteq Pro offers:

- Total control on the piano sound with Note Edit
- Sharing created instruments with all Pianoteq users
- Sampling rate up to 192 kHz

Pianoteq Pro and Pianoteq Standard 3.5 offer:

- Improvements in the model: soundboard, sympathetic resonances, dampers
- New parameters for strike point and damper position
- Vastly improved sound

Sound improvements

All these technical improvements result in a vastly improved sound. For example, no other virtual piano can give you the beautiful sustain resonances of Pianoteq nor the delicate sound of its *una corda* pedal. Each instrument embedded in Pianoteq went back to the virtual factory where all the details of the model have been carefully readjusted, resulting in pianos offering stunning realism and extremely refined musicality. When playing Pianoteq, you are not hearing static recorded samples but a real vivid instrument.

KiViR project

Our unique collection of free add-ons includes nine virtual copies of prestigious historical instruments: **four pianoforte, two harpsichords, two grand pianos and one electro-acoustic piano**. All Pianoteq customers can download these add-ons for free on our site.

Price and upgrades

Pianoteq Pro is sold for 399 €. Pianoteq customers can upgrade from Pianoteq Standard to Pianoteq Pro for 150 €. The upgrade from Pianoteq 3.0 to 3.5 is free for all Pianoteq customers.

Visit our site



Listen to beautiful demos, watch video tutorials and download a free trial version on www.pianoteq.com (same trial version for Pianoteq Pro and Standard). You don't need to be a computer expert: Pianoteq can be downloaded and installed in just 5 minutes.

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