Syngular: Physical modelling meets cosmic sound design

Modartt introduces an innovative instrument pack for Pianoteq, a creative playground with imaginary timbres and organic expressivity.

Physical modelling reimagined

Syngular transforms Pianoteq's renowned physical modelling engine, originally designed to emulate real acoustic instruments, into a powerful laboratory for sound creation.

While rooted in the modelling of strings and hammers, the technology extends far beyond just pianos, enabling the generation of entirely new, imaginary timbres. Its core parameters – Unison Width, Strike Point, Spectrum Profile and many more[1] – become instruments for exploration, allowing users to design sounds that are detached from the limitations of real-world acoustics, and yet retain an organic, dynamic feel with natural velocity response.

Keys, Pads and more

Syngular comes with more than 50 presets: inspiring Keys ranging from crisp and shimmering to warm and lo-fi; richly textured Pads, some soothing and nostalgic, some tense and mystical.

Dive into Replicant Dream, a spacious, retrofuturistic keys patch, or lose yourself in Outer Rim, a richly textured pad that feels like floating among the stars. For cinematic scores or ambient soundscapes, layer the Mixed Choir or Strings Ensemble presets with your favourite grand piano. Syngular also features a range of Basses, Leads, and Synth-like sounds for modern productions.

Creative sound design within Pianoteq

Being part of the Pianoteq engine, Syngular can be layered and morphed with other Pianoteq instruments.[1] All the creative features of Pianoteq are also available with Syngular, including Mallet Bounce for expressive note repetition, Randomisation for instant exploration of many variations of a preset, and audio effects like Amp distortion and Ping-pong delay.

[1] Physical parameter adjustment and instrument morphing/layering are available in Pianoteq Standard and Pianoteq Pro.

Download and Try

The Syngular instrument pack can be purchased for **€49/$49** (requires a Pianoteq 9 licence) and is accessible in the latest update 9.1 of Pianoteq for your evaluation. A free trial version and further details are available on the website **https://www.modartt.com**