

# PHYSIS PIANO

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## Physis Piano G 1000

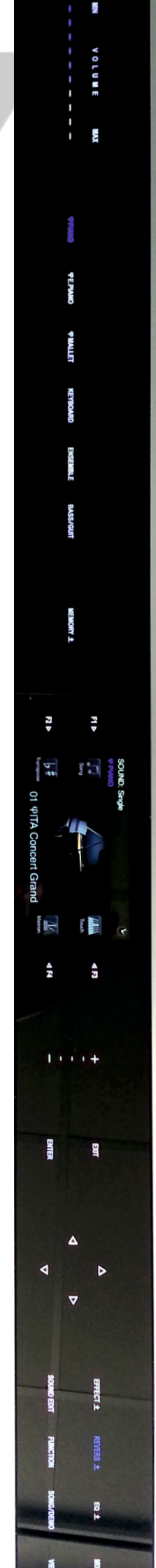
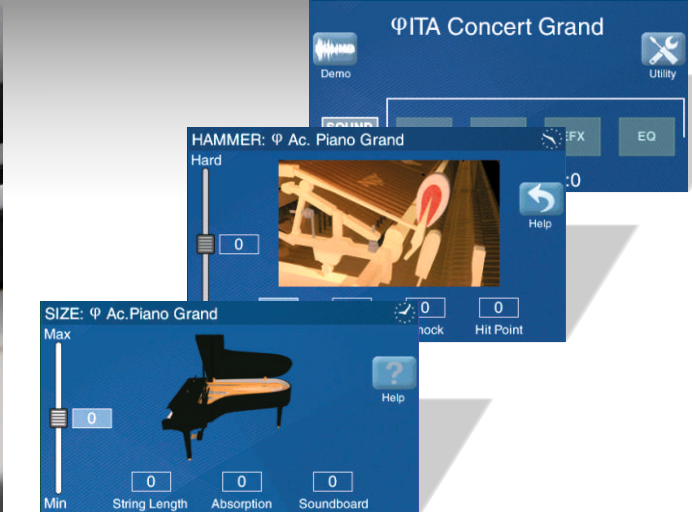
The Physis Piano G 1000 has been created to provide experienced musicians and professionals with a new digital-piano standard: powerful, versatile, beautiful and with a sound fidelity that redefines 'state-of-the-art'. It's such an advanced and complete piano it can't be compared to any other digital piano. It can only be compared to nature and the creative dynamics of sound itself.

**Physis®** is a technology based on the creation of complex mathematical algorithms capable of simulating with absolute fidelity the dynamics of a specific instrument. It's a completely different approach from common digital sound sampling because every single note, every chord, every slightest nuance of the performance is not the result of simple sound reproduction but it stems from a sound generation process which operates fluidly in real time, just as it occurs in the nature of a physical instrument.

The development of the 5 modeling algorithms that make Physis the world's most advanced piano technology is the result of more than 7 years of research at 3 Universities with a team of the worlds' best musicians, scientist, academics and engineers.

This monumental work was carried out in order to create the first musical instrument where different physical models coexist – allowing you to play and manipulate the most important keyboard instruments which have marked music over the last few decades.

**The uniqueness of the Physis Grand Piano G 1000 is not only based on its stunning technological and sound performance, but also on its physical layout and design which has been completely made in Italy.**



## TECHNICAL SPECIFICATIONS

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| <b>Technology</b>                        | <b>PHYSIS® PHYSICAL MODELING</b>   |
| <b>Keyboard</b>                          | PGK Physis Grand Keyboard - 88 graded-hammer wooden keys with "Ivory Feel" key tops. - 3 contacts - Velocity curves: 5 preset + 4 user   |
| <b>Sound Engines</b>                     | Acoustic Piano Model (APM), Electric Piano Model (EPM), Wurlly Piano Model (WPM), Clavi Piano Model (CPM), Acoustic Mallet Model (AMM), High Definition Sound Engine (HDSE)  |
| <b>Sound Modeling (macro parameters)</b> | APM: size, tuning, resonance, hammer, string type, hit point, EPM: hammer velocity, damper felt, tone bar dimension, tine position, WPM: hammer velocity, damper felt, reed size, reed position, CPM: tangent velocity, key-off noise, pickup position, clave aging, AMM: bar material, mallet material, rotor speed, hit point, clavi panel |
| <b>Sounds</b>                            | 6 sound families (Piano, E. Piano, Mallet, Keyboard, Ensemble, Bass/Guit), 192 preset, 192 user; Voice mode: Single, Dual, Split.  |
| <b>Polyphony</b>                         | (Physis physical models APM,EPM,WPM,CPM,AMM: full polyphony: HDSE: up to 128 notes)  |
| <b>Data Memory</b>                       | 6 memory families, 192 presets, 192 user   |
| <b>Sound Chain</b>                       | SOUND + COMPRESSOR + AMPLIFIER + EQUALIZER + EFFECTS   |
| <b>Master Section</b>                    | EFFECT, REVERB, EQUALIZER, MIXER   |
| <b>Song Mode</b>                         | USB device, demo, library, playlist  |
| <b>Readable Files Format</b>             | Midi, Audio (.wav, .mp3, .aiff, .aac, .m4a, .ape, .ogg)  |
| <b>Recorder</b>                          | Yes  |
| <b>Recorder</b>                          | Midi   |
| <b>Memories</b>                          | USB Port   |
| <b>Internal Memory</b>                   | 2GB  |
| <b>Metronome</b>                         | Yes  |
| <b>Display</b>                           | Multi-Touch Panel, Custom Configurable Interface, High Resolution Display (480x272 px, color, 4,3")  |
| <b>Additional Controls</b>               | Programmable Temperament, internal clock, file manager, transposer, view, standby  |
| <b>Connections</b>                       | Midi In/Out/Thru, Digital S/PDIF out, USB to Host and to Device, Headphone, Audio Output L/R: Unbalanced (TSR), Audio Input L/R: Unbalanced (TSR), Pedals: Sustain (gradual), Sostenuto, Soft, Controller 1 and 2: for switch or continuous controllers, programmable function   |
| <b>Internal Amplification</b>            | 4x40 Watt / 2x6" Woofers - 2x3" Mids - 2x1 Tweeters  |
| <b>Dimension (WxHxD)</b>                 | 1462 x 1154 x 448 mm - 57,5" x 45,43" x 17,63" (with closed lid) - 1462 x 1207 x 448 mm - 57,5" x 47,5" x 17,63" (with open lid)   |
| <b>Colours / Finishes</b>                | Black high gloss   |
| <b>Weight</b>                            | Kg106 / Lbs 233  |

PHYSIS  PIANO

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