

PHYSIS PIANO

G 1 0 0 0
C J O O O



Physis Piano G 1000

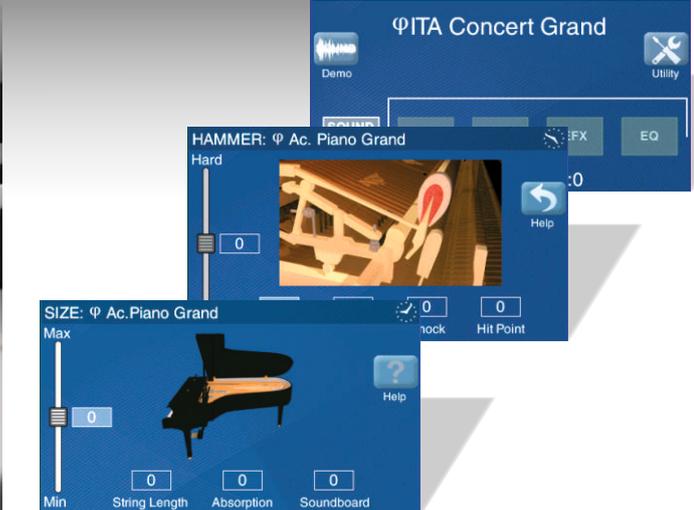
The Physis Piano G 1000 has been created to provide experienced musicians and professionals with a new digital-piano standard: powerful, versatile, beautiful and with a sound fidelity that redefines 'state-of-the-art'. It's such an advanced and complete piano it can't be compared to any other digital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

Technology	PHYSIS® PHYSICAL MODELING
Keyboard	PGK Physis Grand Keyboard - 88 graded-hammer wooden keys with "Ivory Feel" key tops. - 3 contacts - Velocity curves: 5 preset + 4 user
Sound Engines	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)
Sound Modeling (macro parameters)	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
Sounds	6 sound families (Piano, E. Piano, Mallet, Keyboard, Ensemble, Bass/Guit), 192 preset, 192 user; Voice mode: Single, Dual, Split.
Polyphony	(Physis physical models APM,EPM,WPM,CPM,AMM: full polyphony: HDSE: up to 128 notes)
Data Memory	6 memory families, 192 presets, 192 user
Sound Chain	SOUND + COMPRESSOR + AMPLIFIER + EQUALIZER + EFFECTS
Master Section	EFFECT, REVERB, EQUALIZER, MIXER
Song Mode	USB device, demo, library, playlist
Readable Files Format	Midi, Audio (.wav, .mp3, .aiff, .aac, .m4a, .ape, .ogg)
Recorder	Yes
Recorder	Midi
Memories	USB Port
Internal Memory	2GB
Metronome	Yes
Display	Multi-Touch Panel, Custom Configurable Interface, High Resolution Display (480x272 px, color, 4,3")
Additional Controls	Programmable Temperament, internal clock, file manager, transposer, view, standby
Connections	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
Internal Amplification	4x40 Watt / 2x6" Woofers - 2x3" Mids - 2x1 Tweeters
Dimension (WxHxD)	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)
Colours / Finishes	Black high gloss
Weight	Kg106 / Lbs 233

PHYSIS  PIANO

is a registered trademark

VISCOUNT INTERNATIONAL S.p.A. - Via Borgo 68/70 -47836 Mondaino (RN) ITALY
Tel. +39 0541 981700 - Fax +39 0541 981052 - www.viscountinstruments.com