

{ Sonus^φ }

Sonus P346



AT THE CENTRE OF SOUND

The P346 represents the Viscount's latest tribute to the Positive organ, a widely used instrument during the baroque period, which had the characteristic to be built in a single "cupboard" cabinet. This construction philosophy had a major impact on the sound as well, giving to the organist and listeners a different tonal perception of the organ stops, starting from the character of the voices, up to their attack transients, presence and diffusion. A revolutionary system called RAR (Real Audio Rendering) is able to recreate with great accuracy the acoustic field produced by a real pipe organ in a large reverberant space. The detailed parameterization given by Physical Modelling, combined with the careful and lengthy work of components integration, has made the sound from the different speakers extremely natural.

Technical Specifications

SPECIFICATIONS	
Keyboards	3
Manuals	3 x 61 notes "tracker touch" keyboards, with velocity control for MIDI and Orchestra sections.
Pedalboard	30 notes straight, straight concave, radiating concave
Register Control	Drawknob
Internal Amplification	6 x 60 Watt + 1 x 100 Watt
Speakers	9
Expression Pedals	3
STOPS and VOICES	
Pedal	10
Man I	11
Man II	12
Man III	13
Total Voices	46 classic, 10 orchestral, hundreds of voices in the internal sound bank
Styles	4 Preset + 4 User. Hundreds sound styles can be loaded and/or stored from/to internal memory and pen drive
Alternative Voices	Selectable additional sound for each stop.
Orchestral Voices	Selectable additional sound for dedicated stop
General Memories	8 (with pedal pistons)
Memory Bank	16
Total Memories	128 general, tens of thousands with pen drive
Piston Sequencer	Prev - Next pistons
ACCESSORIES	
Automatic Pedal	Yes
Enclosed Piston	Yes
Couplers	6
Transposer	-6/+5 semitones
General and Reverb Volume	With rotary potentiometers
MIDI enable	Yes
Orchestra and Midi Sustainr	Kick switch located on the side of the expression pedal
Remote Control	Optional radio no directive 50 mt distance remote control with built in 2x16 display
DISPLAY	
Display	128 x 64 dots graphic with backlight
Voice Parameters	Stop by stop adjustable voice parameters
Divisional Volume	Separate for each division
Rendering Audio Volume	Separate for front eight speakers and side speakers
Tremulant	3, Separately for each manuals depth and speed adjustable.
Reverb	8 Types.
Ensemble Effect	Adjustable
Air Pressure Effect	Proportional to the active Voices
Tracker keyboard Effect	Yes
Historic Temperaments	Kirnberger II, Kirnberger III, Werckmeister III, Werckmeister IV, Werckmeister V, Vallotti, Silbermann I, Silbermann II, Kellner 1975, Meantone, Meantone pure minor third, Zarlino, Sauveur I, Sauveur II, Barca, Rameau, Pythagorean; each with programmable "Tonic" Key Note
Short Octave	Independently programmable for each keyboard and pedalboard
Keyboards Inversion	Yes
Output Routing	Stop by stop adjustable windchest layout
External Output Volume Control	independent volume control for each channel
5 Bands Equalizer on External	independent equalizer for each channel
5 Bands Equalizer on Internal	Yes
Amplification	
Midi Programmable	Tx/Rx Midi Ch., Tx/Rx Midi Filter, Send PG, Keyb. Midi Velocity
Sequencer	Interactive song sequencer with overdubbing function
File Management	Copy, Load, Save, Rename, Delete etc.
Lock Organ	With password
CONNECTIONS	
Midi In, Out, Thru	Yes
Stereo Headphone Out	Yes
Stereo Aux In	Yes
Mic In	Yes, with gain control
External Output	5, 13 with output optional expansion board
USB to PC	For finest finishing and personalization like Stop by Stop, Note by Note Volume and Pitch Regulation, Stop disposition, Internal and External Routing, etc. (optional)
USB for Pen Drive	Yes
CONSOLE	
Cabinet	Elegant construction with wood finish in dark or light oak. Matching bench
Dimensions W x H x D and Weight	132,4 cm x 185,0 cm x 68,0 cm / 52,1" x 72,8" x 26,8"(without pedalboard) Kg 255 / Lbs 562
Color	Dark Oak, Light Oak
Finishing	Real Wood veneer

Stoptist

PEDAL
Untersatz 32'
Principalbass 16'
Subbass 16'
Octavbass 8'
Gedacktbass 8'
Choralbass 4'
Mixtur IV
Posaune 16'
Trompete 8'
Klarine 4'
Coupler I / P
Coupler II / P
Coupler III / P

MANUAL I
Gedackt 8'
Principal 8'
Gedacktrflöte 4'
Octave 4'
Nasard 2 2/3'
Octave 2'
Terz 1 3/5'
Quinte 1 1/3'
Siffhöhe 1'
Scharff III
Cromorne 8'
Vox Humana 8'
Tremulant
Coupler III / I

MANUAL II
Principal 16'
Offenflöte 8'
Principal 8'
Gemshorn 8'
Octave 4'
Quinte 2 2/3'
Superoctave 2'
Cornett IV
Mixtur V
Fagott 16'
Trompete 8'
Coupler I / II
Coupler III / II

MANUAL III
Bourdon 16'
Viola di gamba 8'
Rohrflöte 8'
Vox celeste 8'
Principal 4'
Flute Conique 4'
Waldflöte 2'
Plein Jeu IV
Sesquialtera II
Cor Anglais 16'
Trompette Harmonique 8'
Oboe 8'
Clairon 4'
Tremulant