

American Classic



SONUS 359 Starting from Physis sound generation technology, we have designed a revolutionary system called RAR. (Real Audio Rendering). Thanks to that, you can totally manage the impression of three-dimensional space in which the instrument sits all the way up to a large cathedral setting.

Orchestra

- Pedal String
- Swell Celesta
- Swell Voice 2
- Great Chimes
- Great Voice 2
- Choir Harp
- Choir Voice 2

Great

- Double Diapason 16'
- First Diapason 8'
- Second Diapason 8'
- Hohlflute 8'
- Dulciana 8'
- Octave 4'
- Waldflute Flute 4'
- Twelfth 2 2/3'
- Fifteenth 2'
- Mixture V
- Double Trumpet 16'
- Trumpet 8'
- Swell to Great
- Choir to Great

Swell

- Lieblich Bourdon 16'
- Geigen Diapason 8'
- Rohrflute 8'
- Viola 8'
- Voix Celeste 8'
- Octave 4'
- Harmonic Flute 4'
- Nasard 2 2/3'
- Flautino 2'
- Tierce 1 3/5'
- Plein Jeu IV
- Fagotto 16'
- Trompette 8'
- Oboe 8'
- Vox Humana 8'
- Clarion 4'

Choir

- Contra Gamba 16'
- Concert Flute 8'
- Gamba 8'
- Erzahler 8'
- Erzahler Celeste 8'
- Geigen Principal 4'
- Spire Flute 4'
- Piccolo 2'
- Larigot 1 1/3'
- Mixture IV
- Clarinet 8'
- French Horn 8'
- Fanfare Trumpet 8'
- Swell to Choir

Pedal

- Contra Bourdon 32'
- Open Diapason 16'
- Subbass 16'
- (Sw) Lieblich Bourdon
- Octave 8'
- Bass Flute 8'
- Choral Bass 4'
- Bombarde 32'
- Trombone 16'
- Trumpet 8'
- Clarion 4'
- Great to Pedal
- Swell to Pedal
- Choir to Pedal

SONUS 359 / Technical Data

Manuals	3 x 61 notes "Tracker touch" type keyboards, with velocity control for MIDI and Orchestra sections
Pedalboard	32 notes straight, straight concave, radiating concave
Stop Type	Tilting tab
Audio Amplifiers	9 channels, 6 x 60 Watt + 1 x 100 Watt
Speakers	13
Expression Pedals	2, Choir and Swell
Crescendo Pedal	Yes, programmable in 16 steps.
STOPS and VOICES	
Pedal	11
Great	12
Swell	16
Choir	13
Orchestra	7
Total Speaking Stops	59. Hundreds of voices in the internal sound bank.
Sound Styles	4 Preset + 4 User. Hundreds of sound styles can be loaded and/or stored from/to internal memory and USB pen drive.
Alternative Voices	Yes, additional organ voices are selectable for each stop
Orchestral Voices	Yes, 33 orchestral voices are selectable for dedicated stops
ACCESSORIES	
General Memories	6 general pistons, 16 banks, 96 total memories. Tens of thousands with USB pen drive. I
Divisional Memories	6 divisional pistons for each manual and pedal
Pistons Sequencer	Yes, "Prev." - "Next" thumb pistons
Automatic Pedal	Yes
Enclosed piston	Yes
Couplers	Great to Pedal - Swell to Pedal - Choir to Pedal - Swell to Great - Choir to Great - Swell to Choir
Toe Pistons	22 (10 General Memories - "Prev.", "Next" - 6 couplers - MIDI Revers - 32' Flute Revers - 32' Reed Revers and "Tutti")
Transposer	-6/+5 semitones
General Volume - Reverb Volume	Yes, with rotary potentiometers
Divisional Midi Enable	Yes, through thumb pistons
Orchestra and Midi Sustain	Kick switch located on the right side of the Swell pedal
Pen Drive Mass Storage	Ordinary USB pen drive can be used as mass storage
Sequencer Remote Control	Optional: radio remote control with built-in 2x16 display, non-directive, 50 mt distance
DISPLAY	128x64 dots graphic display with backlight
Edit Voice Parameters	Stop by stop adjustable voice parameters

Volumes	Divisional Volumes: separate for each division. Audio Rendering Volumes: separate for front height speakers (PRESENCE) and side speakers (SURROUND).
Tremulants	3, adjustable depth and speed for each manual, plus TREM VOX piston
Reverberation	8 different types
Effects	Ensemble Effect: adjustable. Insufficient Air Pressure Effect: adjustable and proportional to the active voices. Tracker Action Effect: yes, selectable.
Historical Temperaments	Kirnberger II, Kirnberger III, Werckmeister III, Werckmeister IV, Werckmeister V, Vallotti, Silbermann, Kellner 1975, Meantone G#, Meantone A \square , Meantone pure minor third, Zarlino, Sauveur I, Sauveur II, Barca, Chaumont, Pythagorean. Programmable temperament transposition.
Short Octave	Yes, independently programmable for each keyboard and for the pedalboard
Keyboards Inversion	Yes, with completely customizable keyboard reassignment
Output Router	Stop by stop adjustable windchest layout
External Out Volume Control	Independent volume control for each channel
External Out Equalizer	Yes, independent 5-band graphic equalizer for each channel
Internal Amplification Equalizer	Yes, 5-band graphic equalizer
Midi Programmable	Tx/Rx Midi Channel, Tx/Rx Midi Filter, Send PG, Keyboard 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
Multiple Line Out	4 programmable + 1 for Sub
USB (device) to PC (for "Physis Editor")	For finest voicing controls and full customization, like stop by stop and note by note Volume and Pitch regulation, stop disposition, Internal and External Routing, etc. (optional)
USB (host) for Pen Drive	Yes
CONSOLE	
Cabinet	Elegant console in dark or light oak, with matching bench
Dimensions W x H x D and Weight	57.16" x 48.22" x 27.16" (without pedalboard) 57.16" x 48.22" x 43.97" (with pedalboard) 160 Kg / 352,7 lbs

