

Technical Specifications WERSI OpenArt-Xtended

						
Modelle	Keyboard OAX1	OAX500LS	OAX600 or LS	OAX700 or LS	OAX800LS	Pergamon OAX1000LS

HIGHLIGHTS

<h1>O A X</h1>	<p>The OAX technology is also available as a keyboard. The new OAX1 offers you all the possibilities of the OAX system and that in a compact housing and a super price!</p>	<p>Since the founding of WERSI, small and compact organs have always been a hit with our customers. The "small ones" combine the outstanding technology of larger models with smaller dimensions and integrated loudspeakers. And all at an even lower price.</p>	<p>The SONIC OAX600 is the "small" sister of the OAX700. If you are looking for a large organ with a 17-key pedal and compromises are not your "thing", then you should take a closer look at the WERSI OAX600 - and above all, listen to it!</p>	<p>If you are looking for a big organ and compromises are not your "thing", then you should take a closer look at the WERSI OAX700 - and above all listen to it! Compared to the OAX600, the OAX700 has a 25-key pedal.</p>	<p>Discover the new WERSI SONIC OAX800. The OAX800 is in the tradition of famous predecessors like the SCALA CD700, and will soon become an icon. This organ is the preferred instrument of professional organists.</p>	<p>If the best is good enough for you, you will discover the PERGAMON OAX1000. At WERSI, it is a tradition to combine technological advances in instrument building. 1976 it was the galaxy, 1989 the Atlantis SN3, 2001 the LOUVRE and today it is the PERGAMON OAX1000.</p>
	<p>State-of-the-art workstation of the latest generation of organ arrangements and production workstations.</p>					
	<p>Idea with future: Full software control over all functions and sounds, continuous development of the whole system, update via download possible. The times when each change required expensive and expensive hardware modifications are now a thing of the past.</p>					
	<p>In the PROFI mode, a total of up to 16 sound can be played on the manuals. In this case, either the upper or lower manual (solo with OAX1000) can be used with max. 12 sounds. Alternatively, the classic EASY mode with three sound on the upper and lower part (solo with OAX1000) as well as one pedal sound.</p>					

SOUNDS

Sounds	1500 factory sounds for all musical styles					
Sound engine	Sampling, Wavetable-Synthesis, FM-Synthesis, Analog-Synthesis					
Polyphony	theoretically unlimited, only limited by CPU performance					
Sound-Controls	6 Easy-Sound-Controls individually per sound -> Equalizer, Echo, Sample Start, Attack, Release, Vibrato, Filter and more.					
Drawbars	OX7 and VB3 organ emulation of the top class, controllable via real drawbars					
Effects	Four-send effects with Reverb 1, Reverb 2, Chorus and Echo; further effects individually already programmed in the sound colors.					
EASY-Mode	Three sounds on the upper and lower part as well as one pedal sound					Three sounds on the upper and lower part as well as one sound on the solomanual and pedal
PROFI-Mode	Up to 16 sounds can be distributed to the manuals. Maximum of 12 votes for upper or lower					
Effect-Sounds	6 Effect sound buttons for playing effects such as crash basins or vocal effects.				10 Effect sound buttons for playing effects such as crash basins or vocal effects.	

TOTAL PRESETS			
Factory Total Presets	The permanently stored factory total presets show the sound possibilities.		
User Total Presets	5000 own total presets can be stored		
STS-Total Presets	To each of the factory styles, four total presets were stored. So you can start with any style directly!		
Play arena	For each sound an individual playing range can be assigned on the manuals. This allows complex sound environments.		
Accompaniment	You can store a style, MIDI sequence or MultiMedia file in the total preset with individual settings		
Send Effects	Individual settings for the four send effects		
Additional	Foot switch assignments, effect sound assignments		
ACCOMPANIMENT			
Style-Player	Over 350 factory styles, 150 of them live with realdrums; all styles with sound-to-style function		
Harmony detection	One-finger WERSI, Easy Mode 1 and 2, chord mode, chord mode with bass, interval mode, organist mode, pedal mode, piano mode		
Style detection	WERSI styles of the OAS series, style conversion possible		
MIDI-Player	Plays General MIDI sequences; Volume of the 16 channels can be stored in total presets.		
Multimedia-Player	Multimedia Player plays all popular audio and video formats.		
ACC-database	Style/MIDI/Mp3/Wave/Video Database with administration function of up to 5000 own files.		
Audio-Recording	RecordtoMp3 function for recording directly into Mp3 format.		
OPERATION			
Display	13,3" Color Multitouch Display in 16:9 cinema format	12,6" Color Multitouch Display in 16:9 cinema format	13,3" Color Multitouch Display in 16:9 cinema format
	Resolution 1366 x 768		
Keyboards	High quality weighted FATAR keyboards		
Solo manual	---		Solo manual 76 keys with velocity dynamics and Ch. Aftertouch
Upper manual	76 Keys with velocity dynamics and Ch. Aftertouch	Upper manual 61 keys with velocity dynamics and Ch. Aftertouch	Upper manual 76 keys with velocity dynamics and Ch. Aftertouch
Lower manual	---	Lower manual 61 keys with velocity dynamics and Ch. Aftertouch	Lower manual 76 keys with velocity dynamics and Ch. Aftertouch
Manual Dynamik	Freely programmable dynamic curves, individual assignment to all manual sounds possible		
Foot pedals	Optional as an accessory	17-key pedal with velocity response	25-key pedal with velocity response
Wheels	Pitch Bend and Modulation Wheel		
Foot switches	Optional accessories: swell pedal with two foot switches, both freely assignable and individually storable per total preset	2 foot switches at the swell pedal both freely assignable and individually storable per total preset	5 pistons and 2 foot switches at the swell pedal all freely assignable and per total preset can be stored individually
Swell pedal	Swell pedal curve per manual sound and Accompaniment freely programmable		
Control panels	Control panel with high-quality push-buttons		
Organ drawbars	9 upper manual drawbars and 7 lower manual drawbars		9 upper and lower drawbars plus 9 percussion drawbars
Functional drawbars	12-way drawbars for volume, incl. Configurable drawbar "CC" for controlling special functions		16-way drawbars for volume, incl. configurable drawbar "CC" for controlling special functions
Displaysprachen	German, English, French or Dutch (others on request)		
Display-Design	Individually customizable display design by the manufacturer		

VST-Host						
VST 3.0 Host	Integrated					
Plugins	With up to 16 VST instruments and 16 VST effects (partially pre-loaded with factory plug-ins)					
Connections	Signal paths completely in the VST Host					
VST-Preset	Several VST configurations can be stored					
DIGITAL MIXER						
Input mixer	Separate inputs for the manuals and accompaniment sound, drums and RealDrums each with its own equalizer					
Output mixer	With separate volume and EQ settings for Line Out 1, 2 and headphones					
Presets	Separate presets for the input and output mixer can be stored					
MAIN ELECTRONIC						
Prozessor	Modern motherboard with i7 processor					
main memory	8 GB of RAM (of which 6 GB can be used for samples), optionally up to a maximum of 32 GB of RAM					
Hard disk space	SSD hard drive with 250 gigabytes guarantees the fastest loading times					
Storage media	No					DVD or optional Blu-ray
Operating system	Windows 10 64bit					
CONNECTIONS						
USB	4 x USB 2.0 on the front, further incl. USB 3.0 on the back					
Headphone	Yes					
Microphone	1 x high-end microphone preamplifier (jack socket)					1 x high-end microphone preamplifier incl. phantom power (XLR / jack combo jack)
Video	HDMI Video output					
Audio inputs	1 x LINE IN Stereo right / left (jack socket)					1 x LINE IN Stereo right / left (XLR / jack combo jack)
Audio outputs	2 x Line Out Stereo right / left (jack)					
MIDI	2 x MIDI IN / OUT / THRU					
MIDI-To-USB	No					MIDI over USB function for direct connection to PC and Mac
Other	Pedal and swell pedal connector via sub-D connector					
SOUND EXPERIENCE						
Power amplifier (Only for LS)	Sound system with 2 x 60 watts	Sound system with 2 x 30 watt sound for the treble and 2 x 80 watt for the bass and midrange sound in the lower part	LS version of OAX600 or OAX700: Sound system with 2 x 60 watts for the treble in the upper part and 2 x 100 watts for the bass and middle sound in the lower part	Sound system with 2 x 60 watt sound for the treble and 2 x 100 watt for the bass and midrange sound in the lower part		
Loudspeaker (Only for LS)	High-quality loudspeakers 2x bass/mids, 2x tweeter	High-quality speakers 2x bass, 2x mid-range and 2x high-frequency speakers				
HOUSING - DIMENSIONS - WEIGHT						
Cabinet	Available in high-quality finishes in the colors: high-gloss black, pearl white, silver, others on request					
Dimensions (W x H x D)	1220 x 465 x 180 mm	1100 x 980 x 620 mm	1230 x 980 x 620 mm	1230 x 1020 x 1040 mm	1340 x 1090 x 1150 mm	1380 x 1150 x 1580 mm (Tiefe inkl. Bank)
Weight	24 kg	72kg	80kg incl. organ bench	107 kg incl. 25-pedal key and Bench	115 kg incl. 25-pedal key and Bench	190 kg incl. 25-pedal key and Bench
Note	The WERSI OAX system is constantly being further developed. Please check the latest development before buying.					