

NEW  
PRODUCT  
INFORMATION

ANNIVERSARY ISSUE

**MUSIC WORLD**

**DEFI AGENCY**  
288 7899  
9 FLORENCE STREET,  
BURWOOD, VICTORIA

**WERSI DATA**

**SOUND COMPUTER**

**WERSI HELIOS**  
ARPEGGIOTIMER  
WAH-WAH  
SOUND COMPUTER  
SLALOM



**WERSI**

Discover the satisfaction of accomplishment  
while building a WERSI organ

[normsorgans.com](http://normsorgans.com)





Ron A. Jeuch

WERSI is celebrating its tenth anniversary. When the company was founded in West Germany the young team of engineers and musicians dedicated their entire effort to a straightforward idea: to put the latest technological achievements to work in electronic organs.

Since WERSI keyboard instruments are designed in modular kit form, innovations can be introduced much faster than in production line models. Production engineering, assembly line tooling and the training of the work force can all be bypassed.

As a result, you, the do-it-yourself builder, end up with a musical instrument with features that cannot be found in any store model. In our full-size catalog we stated our promise that we shall make new devices compatible with earlier models such that the owner of a WERSI organ can update the instrument with the latest features. This brochure lists a number of such add-on or conversion kits.

The Sound Computer, made possible by a breakthrough in computer memory technology, replaced the Wersidata Registration Memory with a minimum amount of modifications. The Wersiharp arpeggio/glissando unit is strictly an add-on kit, expanding the usefulness of the organ's polyphonic percussion section, often called simply "Piano Section".

New organ models and derivatives of existing models are shown too. This brochure complements the main catalog by summarizing the new listings since the "big book" came off the printing presses.

Ron A. Jeuch, President  
WERSI electronics, Inc.  
Lancaster, Pa. USA



## WERSI Organ COMBO W1TC

Based on the popular ORION W 1 T, the COMBO now has a built-in pedal clavier, swell pedal and power amplifier. Packs up into a neat compact package.



## WERSI ENTERTAINER

The single keyboard fun machine for your home, camper, boat. Excellent precedent to assembling a full-size console.



## WERSI Organ HELIOS W2TV

Another example of WERSI's flexibility. The spinet-size organ HELIOS W 2 T now is available with 25 pedals as the HELIOS W 2 TV.



## WERSI Organ COSMOS W5S

The compact home organ with the big sound and a small price. WERSI's anniversary model.



## WERSI Synthesizer

The new WERSI Synthesizer is an extremely versatile instrument. It is an electronic bass second to none. It also is a synthesizer with many solo voices and sound-modifying effects.



## WERSI Organ SATURN W3T

The space-age organ machine. Full-size console can be taken apart in minutes for easy transporting.



## WERSI Organ CONCERTO W3A

This beautiful traditional console is another outstanding exclusive of WERSI. Advanced electronics surrounded by superb craftsmanship.





# Jimmy Smith

the greatest and  
world-famous Jazz Organist  
selects the  
**WERSI SATURN ORGAN**



## Jimmy Smith

Jimmy Smith was born on December 8, 1928, under the sign of Sagittarius.

At the tender age of nine he won the first musical contest on the piano at a radio show (Major Bowes Amateur Hour).

Jimmy began his musical career playing bass, followed by the piano and later the electronic organ.

This background is yet evident in all of his musical work. His compositions always start with a bass line on which everything else is constructed. The pedal technique remains the most important element when Jimmy moved on to the electronic organ.

Only in 1960, the electronic organ became an accepted jazz instrument. Jimmy immediately reached the top of the world's best jazz organists. Since then, wherever in the world he participates at competitive festivals he remains number one.

He coined a sound, the incomparable "Jimmy Smith Sound". Millions all over the world adore it. Many organists tried to copy it but never reached it.

Close to 200 records mark Jimmy's career. Several of these recordings sold over 1 million copies and honored him with "Golden" records, for example:



**CAT**

**Walk on the Wild Side**  
**The Sermon**

**Mojo**



Early in 1980, Jimmy celebrated his 25th anniversary on stage. The Namm Show in Anaheim, California arranged a "Jimmy Smith Day" for that occasion.

When this short press release reached the editor's desk of the music world before the very end of 1979 it created a good deal of turmoil.

Several weeks earlier - Jimmy still was fully engaged with his night club in Hollywood, playing the organ of many years for a full house - he dropped in at the WERSI organ studio in Los Angeles. Listening to the very special sounds of WERSI's organs, he immediately began to form ideas about a new "Jimmy Smith Sound", based on the rich variety of features he encountered on the new keyboard. According to Jimmy's wife and manager, Lola, he felt strongly motivated to explore new dimensions for his future musical career.

After several sessions in the showroom of Los Angeles, WERSI's management visited Jimmy and Lola to spend a couple of weeks in Germany where WERSI is headquartered. Last December, the guests from Hollywood arrived in Halsenbach, West Germany, in the center of the vineyards between the Rhine and Mosel rivers just a few miles from the famous Loreley rock.

There, Jimmy had the opportunity to test both the GALAXY, WERSI's flagship organ, as well as the new SATURN. Finally, he decided to stay with the SATURN, considering the use of this instrument not only for the production of LP records and cassettes but for concert tours too. Together with WERSI's engineering staff, a number of new ideas were incorporated into Jimmy's personal keyboard instrument.

When leaving the WERSI-studios and labs in Halsenbach, Jimmy was convinced of having found "The New Jimmy Smith Sound" on the SATURN he was talking about earlier. He is very excited about the promising outlook into his future.

Lola, speaking as Jimmy's manager, was not any less excited. She says the SATURN gives Jimmy new ideas and a new drive to launch concert tours again. As a fact, a sweep through South Africa is booked already, with concerts in Johannesburg, Port Elizabeth and Capetown. Arrangements were also made for Jimmy to participate in a number of Jazz Festivals in Europa, in places like London, Paris, Amsterdam, Munich and other major cities.

It was also learned that the new Jimmy Smith Sound will be available on an LP by the middle of 1980. Back home in California, Lola Smith is busy scheduling concerts in the United States.

## But let's listen to Jimmy himself:

"For more than 25 years, I was playing one and the same electronic organ. I used every feature it had. Only now I realize how seriously it limited my performance. I am thrilled to have found the WERSI SATURN. This instrument offers everything I am used to but then it opens new avenues too exciting not to explore. I am particularly pleased that the user-programmable features of the WERSI SATURN make it a custom model just to fit my personality. I am looking forward to many years of an all new Jimmy Smith Sound with my SATURN. My congratulations to WERSI for their high technical standards, tone quality and exciting musical possibilities of their organs."

*Jimmy Smith*

For informations on Jimmy's schedule of appearances in the United States and Canada consult:

In Europe and overseas, write or call:

WERSI electronics Inc.  
1720 Hempstead Road  
Lancaster, Pa. 17601  
(717) 299 4327  
Twx 510-672-0540

WERSI organs and kits  
14104 E. Firestone Blvd.  
Santa Fe Springs, Ca. 90670  
(213) 802-2891  
(714) 739-4909

WERSI Music Production  
Industriestrasse  
D-5401 Halsenbach  
Tel. 067 47/7131  
Telex: 04/2323



# **WERSI** Organ **COSMOS**

***Anniversary Model—Big Sound, Compact Size***

*A spinet-size organ—Rich array of musical features  
At a small price—A true anniversary achievement*

The WERSI Organ COSMOS has a price/performance ratio that will boost it rapidly to the top of the popularity list. Many fixed stops, full drawbar comple-

ment, string orchestra, many special effects, exciting rhythms and auto accompaniments. An organ with the technology and the sound that made WERSI famous.

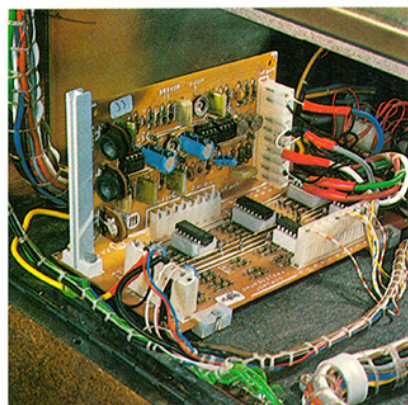
***10 Years WERSI—Thank you WERSI organ fans***







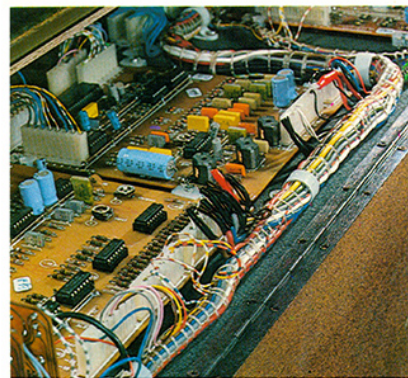
View onto the keyboards of the COSMOS.



Modern plug-in techniques even in the "smallest" WERSI organ model.



WERSIMATIC III, the new rhythm and auto accompaniment of the COSMOS.



Factory-made harnesses: Wiring made easy for the non-technical do-it-yourselfer.

Check the full  
range of features of the



**WERSI** Organ  
**COSMOS**

#### *Tone Generation*

Precision Master Generator, 8 octaves plus pitch shift (slalomatic) over additional octave. MOS-LSI technology. Sinewave, square wave, sawtooth and pulsed wave forms available simultaneously.

#### *Generator Functions*

Continuous vibrato, delayed vibrato, slalom, slalomatic, transposer, master pitch control, Hawaii-effect.

#### *Upper Manual*

##### *Number of keys*

49 keys, C to C (4 octaves)

##### *Drawbars*

16', 8', 5-1/3', 4', 2-2/3', 2', 1'

##### *15 Fixed Stops*

Cello 16', Horn 16', Trombone 16', Saxophone 16', Flute 8', Viola 8', Clarinet 8', Oboe 8', Trumpet 8', Flute 4', Violin 4', Nasat 2-2/3', Piccolo 2', Flute 1', Mixture 3-fold

##### *Functions for all footages*

Polyphonic fast/soft attack, short/medium/long sustain

#### *Lower Manual*

##### *Number of keys*

49 keys, C to C (4 octaves)

##### *Drawbars*

8', 4', 2-2/3', 2'

##### *8 Fixed Stops*

Viola 8', Principal 8', Horn 8', Violin 4', Principal 4', Nasat 2-2/3', Principal 2', Salicional 2'

##### *Functions for all footages*

Direct attack without sustain

##### *Pedal*

13 pedals (steel)

##### *Drawbars*

16', 8'

##### *4 Fixed Stops*

Tuba, Trumpet, Stringbass, Bass Guitar

##### *Functions*

Short/long sustain, 3 independent envelopes

##### *Sustain*

Upper manual all footages

##### *Special Effects*

Solo/legato percussion, repeat, contraccussion, tremolo, second voice, hand wah-wah, triggered autowah, free run autowah

##### *Pre-Sets*

Fixed stops, drawbars, 2nd harmonic, 3rd harmonic

##### *String Orchestra*

Built-in string orchestra using WERSIVOICE and string voices of both manuals and pedals

##### *Vibratos*

Continuous frequency vibrato, delayed vibrato. WERSIVOICE rotating baffle effect with 2 speeds and 3 intensities. Drawbars, fixed stops, special effects and pedals can be assigned separately to the WERSIVOICE.

##### *Reverb*

Large spring unit with 3 programmable reverb degrees

##### *WERSIMATIC Rhythm*

12 rhythm patterns, 10 instruments, touch control and automatic, snare roll, drum break, pre-set and variable tempo

##### *WERSIMATIC Accompaniment*

Phantom accompaniment with or without memory for walking bass, low chords and arpeggiated high chords

##### *Amplifiers/Speakers*

Preamplifier and 70 Watt power amplifier with active treble and bass control. Swell shoe with compensated loudness control. Built-in high efficiency speaker.

##### *Interface*

Connectors for tape record/playback, headphones, external speakers and tone cabinets.

##### *Finish*

American black walnut. Adjustable bench included.

##### *Dimensions*

Height: 37 3/4", Width: 42 1/4", Depth: 24 1/2"

##### *Weight*

180 lbs.



# WERSI Organ COMBO

**Fully portable — For the musician on the go**

The COMBO is equally well suited for the solo keyboardist as well as for the keyboard member of your band. The COMBO can be a jazz organ, a rock organ, it can play the leads or the background, or even be the band, period.

The COMBO is ready to be moved to the next location in minutes. Lids close up the organ top and the integral base and the leg structure turns into carrying handles. Two neat compact packages designed to take the rigor of the road.







## The features of the portable

# WERSI Organ COMBO

Kit Pak 1	<i>Tone Generation</i>	Precision Master Generator, 8 octaves plus pitch shift (slalomatic) over additional octave. MOS-LSI technology. Sinewave, square wave, sawtooth and pulsed wave forms available simultaneously.
Kit Pak 1	<i>Generator Functions</i>	Continuous vibrato, delayed vibrato, slalom, slalomatic, transposer, master pitch control, Hawaii-effect.
	<i>Upper Manual</i>	
Kit Pak 3	<i>Number of keys</i>	49 keys, C to C (4 octaves)
Kit Pak 2	<i>Drawbars</i>	16', 8', 5-1/3', 4', 2-2/3', 2', 1'
Kit Pak 7	<i>15 Fixed Stops</i>	Cello 16', Horn 16', Trombone 16', Saxophone 16', Flute 8', Viola 8', Clarinet 8', Oboe 8', Trumpet 8', Flute 4', Violin 4', Nasat 2-2/3', Piccolo 2', Flute 1', Mixture 3-fold.
Kit Pak 3	<i>Functions for all footages</i>	Polyphonic fast/soft attack, short/medium/long sustain.
	<i>Lower Manual</i>	
Kit Pak 3	<i>Number of keys</i>	49 keys, C to C (4 octaves)
Kit Pak 2	<i>Drawbars</i>	8', 4', 2-2/3', 2'
Kit Pak 7	<i>8 Fixed Stops</i>	Viola 8', Principal 8', Horn 8', Violin 4', Principal 4', Nasat 2-2/3', Principal 2', Salicional 2'
Kit Pak 3	<i>Functions for all footages</i>	Polyphonic fast attack standard, soft attack and sustain optional.
Kit Pak 8	<i>Pedal</i>	13 pedals (steel)
	<i>Drawbars</i>	16', 8'
	<i>4 Fixed Stops</i>	Tuba, Trumpet, Stringbass, Bass Guitar
	<i>Functions</i>	Short/long sustain, 3 independent envelopes
Kit Pak 3	<i>Sustain</i>	Upper manual all footages optional for lower manuals.
Kit Pak 11	<i>Special Effects</i>	Solo/legato percussion, repeat, contracussion, tremolo, second voice, hand wah-wah, triggered autowah, free run autowah
Kit Pak 11	<i>Pre-Sets</i>	Fixed stops, drawbars, 2nd harmonic, 3rd harmonic
Kit Pak 12	<i>Piano Voices</i>	Piano, Celeste, Kinura, Honkytonk, Harpsichord, Banjo with the functions tremolo, echo and damper. Variable echo and tremolo speeds.
Kit Pak 1 + 10	<i>Vibratos</i>	Continuous frequency vibrato, delayed vibrato. WERSIVOICE rotating baffle effect with 2 speeds and 3 intensities. Drawbars, fixed stops, special effects, piano and pedals can be assigned separately to the WERSIVOICE.
Kit Pak 5	<i>Reverb</i>	Large spring unit with 3 programmable reverb degrees.
Kit Pak 14	<i>WERSIMATIC Rhythm</i>	12 rhythm patterns, 10 instruments, touch control and automatic, snare roll, drum break, pre-set and variable tempo.
Kit Pak 14	<i>WERSIMATIC Accompaniment</i>	Phantom accompaniment with or without memory for walking bass, low chords and arpeggiated high chords.
Kit Pak 10	<i>String Orchestra</i>	Built-in string orchestra using WERSIVOICE and string voices of both manuals and pedals.
Kit Pak 5 + 6	<i>Amplifiers</i>	Preamplifier with active treble and bass control. Swell shoe with compensated loudness control. 150 Watt amplifier available for the organ base, ready to accept the external speaker(s). Recommended speakers: WERSI EX 1 or EX 2 or any suitable organ speaker with 4 to 16 Ohms.
Kit Pak 13	<i>Sound Computer</i>	32 "One Stop Sounds", stored as full organ registrations in an electronic memory bank, changeable at any time by the user.
Kit Pak 5	<i>Interface</i>	Connectors for tape record/playback and external rhythm start/stop.
Kit Pak 4	<i>Finish</i>	Tough vinyl-clad cabinet, base and covers. Adjustable bench included.
	<i>Dimensions</i>	Height: 38 1/2", Width: 46", Depth: 25"
	<i>Weight</i>	Top: 100 lbs. Base: 46 lbs.



# WERST Organ HELIOS

**A portable HELIOS—now with full pedals**

**A spinet in size—with features not found in many consoles**

*Attractive looks for home and stage—External speakers emphasize the true stereophonic sound of the HELIOS series.*

The HELIOS W 2 TV offers all advantages of WERST's top technology: many fixed stops, rich drawbar sound, polyphonic piano section, string orchestra, special effects, electronic registration memory, extensive rhythm and auto accompaniment section. The HELIOS W 2 TV

can be separated into three components—top, base, legs—should you want to transport it. It all fits into your station wagon. Its elegant design with real hardwood veneers will fit your home decor too.







## The **WERSI** Organ HELIOS W2TV offers:

Kit Pak 1	<i>Tone Generation</i>	Precision Master Generator, 8 octaves plus pitch shift (slalomatic) over additional octave. MOS-LSI technology. Sinewave, square wave, sawtooth and pulsed wave forms available simultaneously.
Kit Pak 1	<i>Generator Functions</i>	Continuous vibrato, delayed vibrato, slalom, slalomatic, transposer, master pitch control, Hawaii-effect.
	<i>Upper Manual</i>	
Kit Pak 3	<i>Number of keys</i>	49 keys, C to C (4 octaves)
Kit Pak 2	<i>Drawbars</i>	16', 8', 5-1/3', 4', 2-2/3', 2', 1-3/5', 1-1/3', 1', 4/5', 2/3'
Kit Pak 7	<i>18 Fixed Stops</i>	Cello 16', Horn 16', Accordion 16', Trombone 16', Saxophone 16', Horn 8', Viola 8', Clarinet 8', Oboe 8', Flute 8', Trumpet 8', Flute 4', Violin 4', Nasat 2-2/3', Principal 2', Piccolo 1', Cymbal 5-fold, Mixture 3-fold.
Kit Pak 3	<i>Functions for all footages</i>	Polyphonic fast/soft attack, short/medium/long sustain.
	<i>Lower Manual</i>	
Kit Pak 3	<i>Number of keys</i>	49 keys, C to C (4 octaves)
Kit Pak 2	<i>Drawbars</i>	8', 4', 2-2/3', 2', 1-3/5', 1-1/3', 1'
Kit Pak 7	<i>12 Fixed Stops</i>	Gedackt 8', Viola 8', Principal 8', Horn 8', Violin 4', Principal 4', Nasat 2-2/3', Principal 2', Third 1-3/5', Fifth 1-1/3', Piccolo 1', Mixture 2-fold.
Kit Pak 3	<i>Functions for all footages</i>	Polyphonic fast/soft attack, short/medium/long sustain.
Kit Pak 8	<i>Pedal</i>	25 pedals, flat radiating
	<i>Drawbars</i>	16', 8', 4', 2', 1' + 1/2'
	<i>4 Fixed Stops</i>	Tuba, Trumpet, Stringbass, Bass Guitar
	<i>Functions</i>	Short/long sustain, 3 independent envelopes
Kit Pak 3	<i>Sustain</i>	For all footages of upper and lower manuals.
Kit Pak 11	<i>Special Effects</i>	Solo/legato percussion, repeat, contraccussion, tremolo, second voice, hand wah-wah, triggered autowah, free run autowah
Kit Pak 11	<i>Pre-Sets</i>	Fixed stops, drawbars, 2nd harmonic, 3rd harmonic
Kit Pak 12	<i>Piano Voices</i>	Piano, Celeste, Kinura, Honkytonk, Harpsichord, Banjo with the functions tremolo, echo and damper. Variable echo and tremolo speeds.
Kit Pak 1 + 10	<i>Vibratos</i>	Continuous frequency vibrato, delayed vibrato. WERSIVOICE rotating baffle effect with 2 speeds and 3 intensities. Drawbars, fixed stops, special effects, piano and pedals can be assigned separately to the WERSIVOICE.
Kit Pak 5	<i>Reverb</i>	Large spring unit with 3 programmable reverb degrees.
Kit Pak 14	<i>WERSIMATIC Rhythm</i>	24 rhythm patterns, 15 instruments, touch control and automatic, snare roll, drum break, pre-set and variable tempo, alternating rhythms. Stereo output.
Kit Pak 14	<i>WERSIMATIC Accompaniment</i>	Phantom accompaniment with or without memory for walking bass, low chords and arpeggiated high chords. Stereo output.
Kit Pak 10	<i>String Orchestra</i>	Built-in string orchestra using WERSIVOICE and string voices of both manuals and pedals.
Kit Pak 5 + 6	<i>Amplifiers</i>	2 preamplifiers with active treble and bass controls. 2 power amplifiers 70 Watts. Manuals, special effects and WERSIVOICE assignable to left or right channel. Swell shoe with compensated loudness control.
	<i>Speakers</i>	2 external speakers required. Recommended type: WERSI T 4000.
Kit Pak 13	<i>Sound Computer</i>	32 "One Stop Sounds", stored as full organ registrations in an electronic memory bank, changeable at any time by the user. Memory expansion to 64 presets available.
Kit Pak 5 + 6	<i>Interface</i>	Connectors for tape record/playback, external speakers and tone cabinets.
Kit Pak 4	<i>Finish</i>	American black walnut, locking lid. Top and pedal base joined by chrome legs. Other finishes available.
	<i>Dimensions</i>	Top: Height: 15 3/4", Width: 45 1/4", Depth: 26 3/4" Base: Height: 5 1/2", Width: 45 1/4", Depth: 24" Total: Height: 40 3/4", Width: 45 1/4", Depth: 26 3/4"
	<i>Weight</i>	Top: 180 lbs. Base: 90 lbs.



# WERSI Organ SATURN

*Space-age electronics and matching contemporary styling  
Full-size console designed for the uncompromising musician  
Unmatched performance and eye appeal — a focal point on stage or at home.*

The SATURN W 3 T comes with a rich complement of features: 39 fixed stops, 13 ranks of drawbars on both keyboards, string orchestra and rotating baffle sound available at the same time through 2 Wersivoices, 30-note pedal board, many special effects, polyphonic piano section, 24 rhythms, 12

auto accompaniments, 32 (expandable to 64) "One Stop Sounds" through the exclusive Sound Computer. A selection of beautiful hardwood finishes is available to enhance the elegant styling. The console can be partially disassembled and fits standard size station wagons.







## The **WERSI** Organ SATURN W3T offers:

Kit Pak 1	<i>Tone Generation</i>	Precision Master Generator, 8 octaves plus pitch shift (slalomatic) over additional octave. MOS-LSI technology. Sinewave, square wave, sawtooth and pulsed wave forms available simultaneously.
Kit Pak 1	<i>Generator Functions</i>	Continuous vibrato, delayed vibrato, slalom, slalomatic, transposer, master pitch control, Hawaii-effect.
	<i>Upper Manual</i>	
Kit Pak 3	<i>Number of keys</i>	61 keys, C to C (5 octaves)
Kit Pak 2	<i>Drawbars</i>	16', 8', 5-1/3', 4', 2-2/3', 2', 1-3/5', 1-1/3', 1-1/7', 1', 8/9', 3/5', 2/3'
Kit Pak 7	<i>22 Fixed Stops</i>	Principal 16', Cello 16', Horn 16', Accordion 16', Trombone 16', Saxophone 16', English Horn 8', Principal 8', Viola 8', Clarinet 8', Oboe 8', Schalmey 8', Trumpet 8', Flute 4', Violin 4', Nasat 2-2/3', Principal 2', Third 1-3/5', Fifth 1-1/3', Piccolo 1', Cymbal 2-fold, Mixture 4-fold.
Kit Pak 3	<i>Functions for all footages</i>	Polyphonic fast/soft attack, short/medium/long sustain.
	<i>Lower Manual</i>	
Kit Pak 3	<i>Number of keys</i>	61 keys, C to C (5 octaves)
Kit Pak 2	<i>Drawbars</i>	16', 8', 5-1/3', 4', 2-2/3', 2', 1-3/5', 1-1/3', 1-1/7', 1', 8/9', 3/5', 2/3'
Kit Pak 7	<i>17 Fixed Stops</i>	Cello 16', Bourdon 16', Principal 16', Viola 8', Principal 8', Gedackt 8', Horn 8', Violin 4', Principal 4', Nasat 2-2/3', Principal 2', Flute 2', Third 1-3/5', Fifth 1-1/3', Piccolo 1', Mixture 2-fold and 4-fold.
Kit Pak 3	<i>Functions for all footages</i>	Polyphonic fast/soft attack, short/medium/long sustain.
Kit Pak 8	<i>Pedals</i>	30 pedals, flat radiating, stainless steel caps
	<i>Drawbars</i>	16', 8', 4', 2', 1' + 1/2'
	<i>4 Fixed Stops</i>	Tuba, Trumpet, Stringbass, Bass Guitar
	<i>Functions</i>	Short/long sustain, 3 independent envelopes
Kit Pak 3	<i>Sustain</i>	For all footages of upper and lower manuals.
Kit Pak 11	<i>Special Effects</i>	Solo/legato percussion, repeat, contracussion, tremolo, second voice, hand wah-wah, triggered autowah, free run autowah
Kit Pak 11	<i>Pre-Sets</i>	Fixed stops, drawbars, 2nd harmonic, 3rd harmonic
Kit Pak 12	<i>Piano Voices</i>	Piano, Celeste, Kinura, Honkytonk, Harpsichord, Banjo with the functions tremolo, echo and damper. Variable echo and tremolo speeds.
Kit Pak 1 + 10	<i>Vibratos</i>	Continuous frequency vibrato, delayed vibrato. WERSIVOICE rotating baffle effect with 2 speeds and 3 intensities. Drawbars, fixed stops, special effects, piano and pedals can be assigned separately to the WERSIVOICE.
Kit Pak 5	<i>Reverb</i>	Large spring unit with 3 programmable reverb degrees.
Kit Pak 14	<i>WERSIMATIC Rhythm</i>	24 rhythm patterns, 15 instruments, touch control and automatic, snare roll, drum break, pre-set and variable tempo, alternating rhythms. Stereo output.
Kit Pak 14	<i>WERSIMATIC Accompaniment</i>	Phantom accompaniment with or without memory for walking bass, low chords and arpeggiated high chords. Stereo output.
Kit Pak 10	<i>String Orchestra</i>	Built-in string orchestra using WERSIVOICE and string voices of both manuals and pedals. With the 2 WERSIVOICES, string orchestra and rotating baffle sound are available simultaneously.
Kit Pak 5 + 6	<i>Amplifiers</i>	2 preamplifiers with active treble and bass controls, channel selectors for fixed stops, drawbars, piano, special effects and WERSIVOICE. 2 power amplifiers 70 Watts built into the pedestal base.
	<i>Speakers</i>	2 external speakers required. Recommended types: WERSI T 4000 or T 5000.
Kit Pak 13	<i>Sound Computer</i>	32 "One Stop Sounds", stored as full organ registrations in an electronic memory bank, changeable at any time by the user. Memory expansion to 64 presets available.
Kit Pak 5 + 6	<i>Interface</i>	Connectors for tape record/playback, external speakers and amplifiers.
Kit Pak 4	<i>Finish</i>	American black walnut standard, other finishes optional.
	<i>Dimensions</i>	Height: 44", Width: 53 1/2", Depth: 28 1/2" (45" with pedals)
	<i>Weight</i>	Console only: 295 lbs. Console, pedals and bench: 420 lbs.



# WERSI Organ CONCERTO

***Advanced electronics in a masterpiece of cabinetmaking***

*Some people buy performance —some people buy a piece of furniture.  
If your taste leans towards the traditional styling but the musician in you wants the  
ultimate in modern organ features, the CONCERTO W 3 A is your instrument.*

The CONCERTO W 3 A is based on the best-seller Zenith W 3 S. In fact, the features of the CONCERTO W 3 A are also found in the Saturn W 3 T. The entire W 3 family offers such a rich array of features that almost any kind of music can be performed on either model.

It is this modular concept of WERSI's organs which

allows us to satisfy the multitude of the musicians' needs without the expense of complete re-designs. And the resulting savings are passed on to you. Remember, the CONCERTO W 3 A, too, can be "slanted" towards your personal musical inclinations through WERSI's exclusive Sound Computer.







## The **WERSI** Organ CONCERTO W3A offers:

Kit Pak 1	<i>Tone Generation</i>	Precision Master Generator, 8 octaves plus pitch shift (slalomatic) over additional octave. MOS-LSI technology. Sinewave, square wave, sawtooth and pulsed wave forms available simultaneously.
Kit Pak 1	<i>Generator Functions</i>	Continuous vibrato, delayed vibrato, slalom, slalomatic, transposer, master pitch control, Hawaii-effect.
	<i>Upper Manual</i>	
Kit Pak 3	<i>Number of keys</i>	61 keys, C to C (5 octaves)
Kit Pak 2	<i>Drawbars</i>	16', 8', 5-1/3', 4', 2-2/3', 2', 1-3/5', 1-1/3', 1-1/7', 1', 8/9', 3/5', 2/3'
Kit Pak 7	<i>22 Fixed Stops</i>	Principal 16', Cello 16', Horn 16', Accordion 16', Trombone 16', Saxophone 16', English Horn 8', Principal 8', Viola 8', Clarinet 8', Oboe 8', Schalmei 8', Trumpet 8', Flute 4', Violin 4', Nasat 2-2/3', Principal 2', Third 1-3/5', Fifth 1-1/3', Piccolo 1', Cymbal 2-fold, Mixture 4-fold.
Kit Pak 3	<i>Functions for all footages</i>	Polyphonic fast/soft attack, short/medium/long sustain.
	<i>Lower Manual</i>	
Kit Pak 3	<i>Number of keys</i>	61 keys, C to C (5 octaves)
Kit Pak 2	<i>Drawbars</i>	16', 8', 5-1/3', 4', 2-2/3', 2', 1-3/5', 1-1/3', 1-1/7', 1', 8/9', 3/5', 2/3'
Kit Pak 7	<i>17 Fixed Stops</i>	Cello 16', Bourdon 16', Principal 16', Viola 8', Principal 8', Gedackt 8', Horn 8', Violin 4', Principal 4', Nasat 2-2/3', Principal 2', Flute 2', Third 1-3/5', Fifth 1-1/3', Piccolo 1', Mixture 2-fold and 4-fold.
Kit Pak 3	<i>Functions for all footages</i>	Polyphonic fast/soft attack, short/medium/long sustain.
Kit Pak 8	<i>Pedals</i>	30 pedals, flat radiating
	<i>Drawbars</i>	16', 8', 4', 2', 1' + 1/2'
	<i>4 Fixed Stops</i>	Tuba, Trumpet, Stringbass, Bass Guitar
	<i>Functions</i>	Short/long sustain, 3 independent envelopes
Kit Pak 3	<i>Sustain</i>	For all footages of upper and lower manuals.
Kit Pak 11	<i>Special Effects</i>	Solo/legato percussion, repeat, contracussion, tremolo, second voice, hand wah-wah, triggered autowah, free run autowah
Kit Pak 11	<i>Pre-Sets</i>	Fixed stops, drawbars, 2nd harmonic, 3rd harmonic
Kit Pak 12	<i>Piano Voices</i>	Piano, Celeste, Kinura, Honkytonk, Harpsichord, Banjo with the functions tremolo, echo and damper. Variable echo and tremolo speeds.
Kit Pak 1 + 10	<i>Vibratos</i>	Continuous frequency vibrato, delayed vibrato. WERSIVOICE rotating baffle effect with 2 speeds and 3 intensities. Drawbars, fixed stops, special effects, piano and pedals can be assigned separately to the WERSIVOICE.
Kit Pak 5	<i>Reverb</i>	Large spring unit with 3 programmable reverb degrees.
Kit Pak 14	<i>WERSIMATIC Rhythm</i>	24 rhythm patterns, 15 instruments, touch control and automatic, snare roll, drum break, pre-set and variable tempo, alternating rhythms. Stereo output.
Kit Pak 14	<i>WERSIMATIC Accompaniment</i>	Phantom accompaniment with or without memory for walking bass, low chords and arpeggiated high chords. Stereo output.
Kit Pak 10	<i>String Orchestra</i>	Built-in string orchestra using WERSIVOICE and string voices of both manuals and pedals. With the 2 WERSIVOICES, string orchestra and rotating baffle sound are available simultaneously.
Kit Pak 5 + 6	<i>Amplifiers</i>	2 preamplifiers with active treble and bass controls. 2 power amplifiers 70 Watts. Manuals, special effects and WERSIVOICE assignable to left or right channel. Swell shoe with compensated loudness control.
Kit Pak 6	<i>Loudspeakers</i>	2 high efficiency 50 Watt speakers and 2 tweeters.
Kit Pak 13	<i>Sound Computer</i>	32 "One Stop Sounds", stored as full organ registrations in an electronic memory bank, changeable at any time by the user. Memory expansion to 64 presets available.
Kit Pak 5 + 6	<i>Interface</i>	Connectors for tape record/playback, headphones, external speakers and amplifiers.
Kit Pak 4	<i>Finish</i>	Console and bench in selected hardwood finishes (American black walnut standard). Timeless traditional styling.
	<i>Dimensions</i>	Height: 46 1/2", Width: 54", Depth: 28 1/2" (53" with pedals)
	<i>Weight</i>	Console only: 305 lbs. Console, pedals and bench: 390 lbs.



# Here is the extensive WERSI product line at a glance.



## WERSI Organ ORION W1T

The light-weight portable combo organ. Its musical features match the ones of much larger instruments. If you travel the ORION W1T is a must.



## WERSI Organ ORION W1S

This instrument with a powerful set of features is ideally suited where space is limited. For beginners as well as advanced organists.



## WERSI Organ HELIOS W2T

Basically a spinet organ, the W2T offers an array of musical capabilities usually found only in large consoles. It can be knocked down for easy transportation. 25-pedal claviers are available.



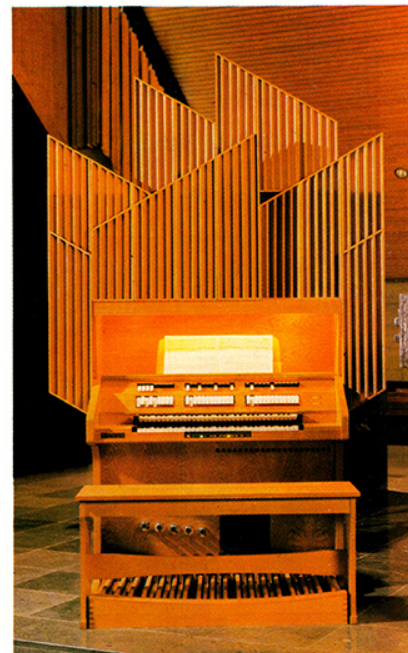
## WERSI Organ GALAXY W4SKT

The extraordinary electronic organ which sets new milestones for organs. We are not aware of any other instrument that comes near the GALAXY.



## WERSI VOICE Rotor Sound · String · Choir

The amazing sound processor either adding the effect of rotating speakers to the full organ or enhancing the string stops into a full-size string orchestra.



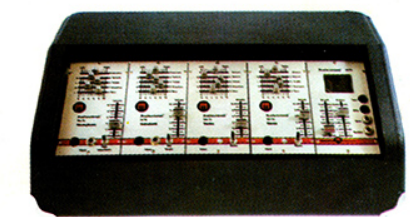
## WERSI Churchorgan TOCCATA

The electronic church organ with the authentic pipe sound. A rich array of stops, fixed and free combinations and a five-channel sound system provide an extremely close duplication of a pipe organ but with the reliability and compactness of electronics. (Available factory assembled only.)



## WERSI String Orchestra

The WERSI String Orchestra offers new dimensions in sound. Three ranks of strings plus a woodwind and brass stop can be used as solo voices or combined to a full orchestra. It can be operated by itself or in conjunction with an organ. Ideally suited for stage or home. (Available factory assembled only.)



## WERSI Pro Series

The WERSI Professional Series amplifier and mixing system allows the performing musician to tailor the PA system exactly to the ever changing requirements.



WERSI specializes in advanced Do-it-Yourself Systems

However, all models presented here are available factory assembled too.



### WERSI Organ HELIOS W2 S

The full-featured organ with modest physical dimensions. A spinet in size with the professional touch of a console. Available with 25 pedals.



### WERSI Organ ZENITH W3 S

Whether you play classical music, theater-style tunes or modern pop the ZENITH fills the requirements. It offers everything you expect from a top notch console and then some.



### WERSI Organ CLASSICA W3 SK

The CLASSICA is equipped with pipe organ voicing as well as orchestral sounds. It is the ideal instrument for the rendition of classical and liturgical music. Available with BDO or AGO pedals.



### WERSI Piano

You will be surprised how closely a piano can be duplicated by electronic means today. The WERSI Piano has dynamic touch sensitivity. Additional voices include Harpsichord, Celesta, Honky tonk and others. Available as table top model or complete with amplifier/speaker base.



### WERSI MATIC Rhythm WM 24

Using the WERSIMATIC Rhythm, you are in control of 24 rhythms and 15 percussion instruments. Alternating rhythms, snare roll and drum break are additional features. Start/Stop by touch control or by remote switch.



### with Auto Accompaniment

The WERSIMATIC Auto Accompaniment when used in combination with the rhythm unit adds 12 melodic patterns with walking bass guitar, chords and arpeggiated chords.

**Order your WERSI catalog today  
or, better yet,  
Order your Demo Package (catalog plus LP)  
using the inserted order envelope.**



# Mini Tower Speakers T4000

Brilliance and Fidelity – a new way  
of organ sound reproduction



*HELIOS W 2 T and the speakers T 4000 –  
a modern accent for your home and  
easily transportable for the travelling pro.*



These new speaker cabinets are equipped with stationary speakers only, since all rotational effects are generated by the WERSIVOICE built into our organs. Two broadband speakers and two piezo-ceramic tweeters are mounted into a finely tuned cabinet for a very brilliant sound reproduction with maximum fidelity. A good high frequency transparency is achieved through the diffusion properties of the slotted front panel.

Different speaker complements are used for two power levels. The cabinets are available with power handling capacities of 100 Watts or 200 Watts respectively. Standard veneer is American Black Walnut. Other finishes can be ordered at additional cost. Optional illumination is also available.

If desired the T 4000 cabinets can be equipped with a built-in power amplifier and/or the Wersivoice.

Dimensions: 36" high x 22" wide x 18" deep  
Weight: 90 lbs.

*Elegant design and transparent sound reproduction  
mark these new speakers.*



# The new WERSI Exponential High Performance Speakers EX 1 and EX 2 – powerful and true sound reproduction!

## EX 1

Dimensions:  
33" high x 20" wide x 19" deep  
Weight: 95 lbs.



These high performance speakers for the professional musician work on the principle of the exponential horn radiation. Two piezo-ceramic tweeters and compression type midrange horn can be switched on or off independently.

The speaker cabinets are solidly built and are clad in tough vinyl to withstand the rough handling on the road. Recessed handles do not mar other equipment. Removable casters are standard.

The 15-inch bass speaker with heavy magnet structure is located deep within the enclosure. The acoustical loading of the matched folded horn path produces a very high efficiency at the low end of the audio

## EX 2

Dimensions:  
42" high x 22" wide x 23" deep  
Weight: 128 lbs.



spectrum. Both speakers can handle 100 Watts of continuous power. They are free from intermodulation distortion up to the full power rating. The speaker type EX 1 is ideally suited where space is limited. The larger cabinet EX 2 has the same speaker complement as the EX 1, however, the larger enclosed airmass results in an extended bass response.

Both speakers are easily converted from bass types to broadband types by adding the switched compression horn and/or the piezo-ceramic tweeters. These new speakers find wide-spread applications, be it in a general PA system, for the reproduction of voice, bass, guitar, organ, etc. or in a disco.

***Find out more about  
the complete WERSI PA Systems  
by ordering the 104-page  
main catalog!***



# **WERSI** **Synthesizer**



**We combined an electronic bass with a synthesizer.**

The pedal stops of organs and synthesizers often take a back seat as far as design effort is concerned. WERSI introduces an electronic bass which simulates the sound of the stringed bass guitar very closely. The versatility and sound quality of this instrument already impressed many music experts. Numerous recordings on several labels feature the WERSI Synthesizer. Convince yourself of the true bass guitar voice by listening to the LP WERSITIME 2 and to the Pop Organ Hitparade recordings by Franz Lambert.

**The array of effects that can be produced with this instrument is astounding!**

The WERSI Synthesizer features a 3-octave keyboard, 5 ranks (footages) of flute stops a 16', 8', 4', 2', and 1', two ranks of brass voices and one woodwind stop. Additional effects include manual wah wah, autowah up/down, free running wah wah for the sawtooth and square wave voices.

*The WERSI Synthesizer – an ideal accessory for organs or a solo instrument*

The raw sawtooth and square wave voices can be modified by means of the wah wah controls to represent instruments like horn, oboe, bassoon, trombone, trumpet and the like. Add the flute stops to enrich the bass or even to create bell sounds.

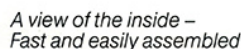
Most effects known for synthesizers can be realized with the wah wah controls and the automatic octave glide which can be switched up or downwards. A half-tone shift is activated by a push button.

Of course, the WERSI Synthesizer also has several types of vibrato, continuous or delayed, fast and slow, at variable intensity.

Individual controls let you adjust the volume of the bass guitar, the sawtooth and squarewave stops and the flute voices independently for mixing purposes.

Dimensions: 6.5" high x 22" wide x 14" deep  
Weight: 22 lbs.





**The controls:** Easy to use.

The various voices and most auxiliary functions are activated by push buttons. Only the volumes, the attack and sustain and certain speed controls are assigned to rotary controls.

The WERSI Synthesizer can be operated from external pedals or manuals.

The WERSI Synthesizer is a very interesting self-contained instrument. It might be significant to mention that all of its functions can also be controlled from external pedals and/or keyboards. The unit comes equipped with a standard remote control receptacle. A single dedicated contact is required for each external pedal or manual key.

This opens the possibilities to add the versatile WERSI Synthesizer as an updating accessory to your organ or operate it from pedals if your hands are occupied by another instrument.

By the way, the Synthesizer can be connected to all WERSI organs adding the synthesizer voices to your pedal playing or creating some unique chorus effects if interfaced with the upper manual.

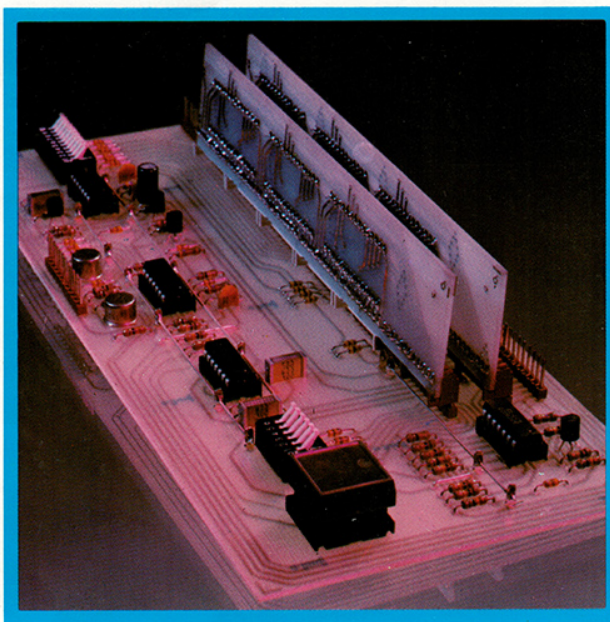


# WERSI DATA Two years of research produced the program memory with the "Superbrain".

# ★ SOUND COMPUTER



The control panel of the SOUND COMPUTER with easy-to-operate push buttons and LED indicators.



The SOUND COMPUTER electronics shown here with the optional memory expansion.

The fundamental building block for the WERSI DATA was developed earlier and led to a patent application in 1975. The introduction of WERSI DATA created a new measuring unit by which future organ construction will be judged.

In parallel to the standard registration memory, the WERSI engineering continued to work on an even more versatile system which was to include so-called free combinations.

Now the WERSI DATA SOUND COMPUTER is here. Again, WERSI advances into new areas of technology.

## How the WERSI DATA SOUND COMPUTER works

You set up the organ in the usual manner, by selecting the stops and all modes of operation. By trying out the registration for a particular tune or passage you may change it until it fits perfectly.

The entire registration program can then be frozen into memory at the touch of a button. Anytime later, this organ setup can be recalled again by the same push button.

If you prefer not to load the registration memory yourself you can purchase pre-programmed memory boards from WERSI. In that case, you simply insert the plug-in boards into your Sound Computer and dozens of registrations are instantly available. You retain the option of overwriting any or all memory locations.

20

## Program memory banks can be copied – they are mailable without battery packs

The memory contents are completely protected against accidental erasure and against power failure. During normal use of the organ no new registration programs can be written into memory. A key-operated switch is to be operated to activate the write mode. A strong blinking light indicates then that the Sound Computer is ready to accept a new program and more important – that the old program will be erased.

The actual memory banks are contained in so-called static EAROM's (Electrically Alterable Read Only Memory).

The retention of the memory contents does not require electrical power. That means that the Sound Computer is not affected when power is removed from the organ and that the memory boards are easily mailable. The memory content remains preserved for several years without power applied.

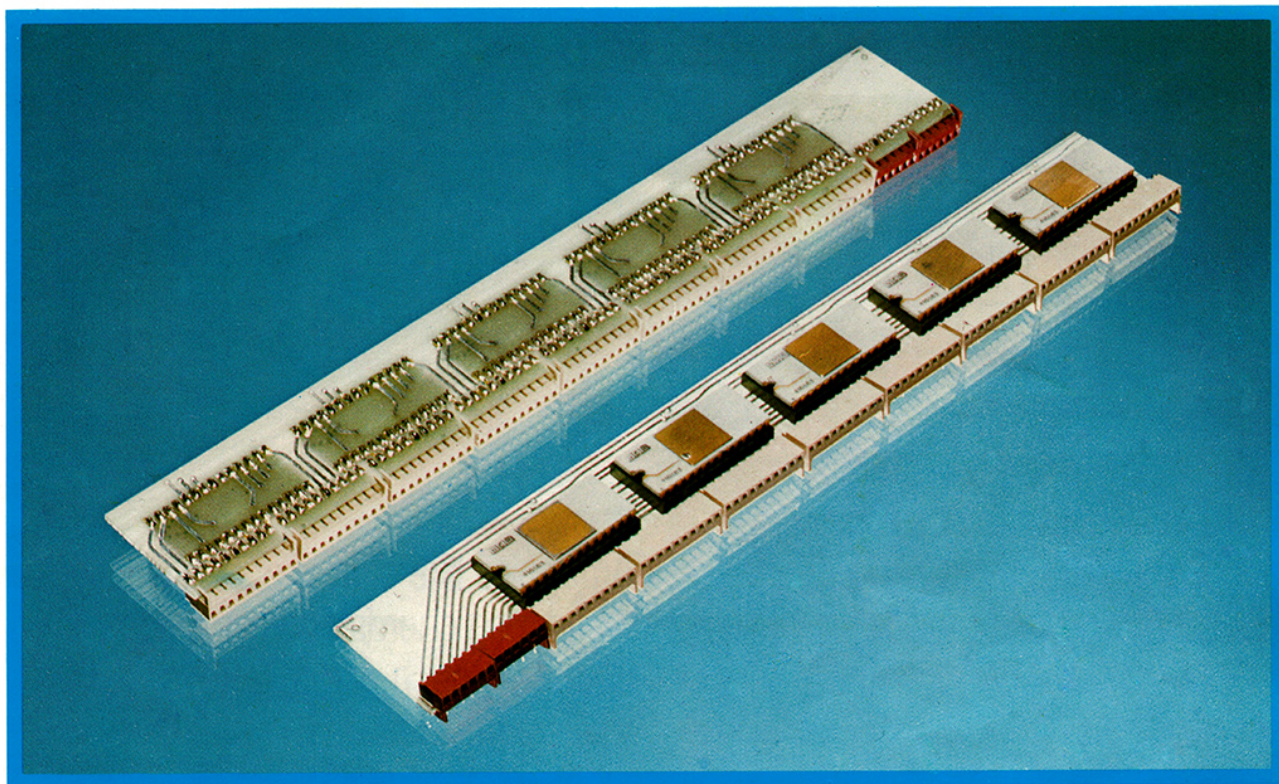
Memory banks can be copied right in your organ. This allows you to acquire new registrations be it from WERSI or from a friend. Conversely you can make your own programs available to third parties.

The programs can be written, read, copied and erased an unlimited number of times without any sacrifice in quality. LED lights and changeable labels on the control panel identify the current status.



## **New!** Programmable Drawbars

## **New!** A complete registration library on a plug-in-board



Using the example of the HELIOS organ model, the scope of the WERSIDATA Sound Computer shall be illustrated. There are a total of 32 program slots for the upper manual and an equal number for the combination lower manual/pedals.

16 of these slots in both banks are used for the so-called individual programs, that is, each manual can be programmed, erased or played under manual control independent of the other.

The remaining 16 slots in each bank are reserved for so-called master programs. A single master program button controls the registration of the entire organ. Additional memory boards can be plugged into the Sound Computer for the doubling of the number of programs. This enlarges the system into 32 programs for the upper manual, 32 programs for the lower manual and pedals and 32 master programs. Quite often, the second set of memory boards are used as a "scratch pad". One keeps the first set as a "permanent record" for the tested and proven programs while the second set contains the experimental setups which are not yet time-tested.

*The electronic memory of the SOUND COMPUTER on plated-through plug-in boards.*

The Sound Computer does not interfere with the setting of analog values. That means that volume controls certain speed and wah wah controls as well as the drawbars are to be adjusted manually. However, there is an add-on kit available which contains 6 pre-set-drawbar combinations. 5 of these are fixed by means of resistor values and one is adjustable by trimpots. There is a pre-set plug-in board for each set of drawbars, namely for upper manual, lower manual and special effects respectively.

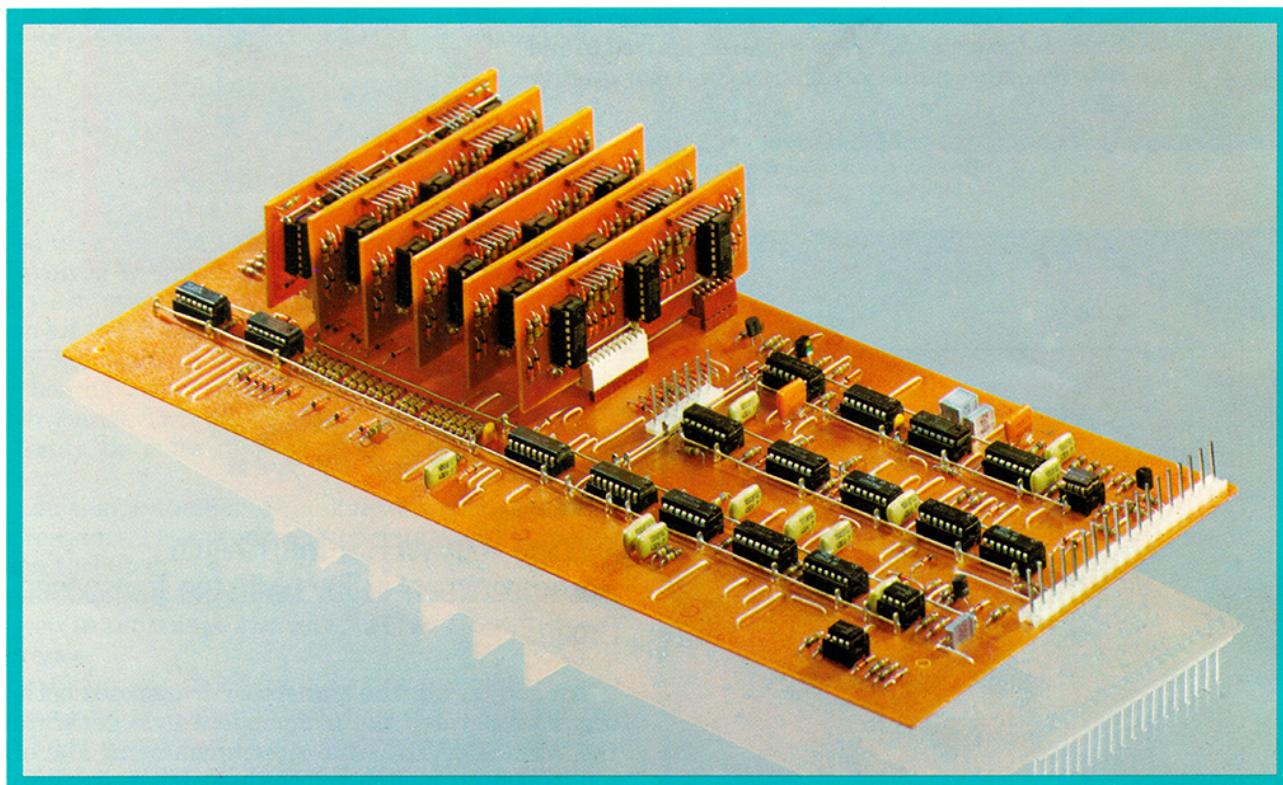
These drawbar pre-sets can be included into the Sound Computer control making complete drawbar registrations available as if they were a single organ stop. Owners of the diode-programmed WERSIDATA may order the Sound Computer to update their organ with the latest achievements. Some modifications of the mechanical and electrical assembly are required. The construction and installation of the Sound Computer is easy and straight forward. The memory boards come pre-assembled and tested. The wiring is accomplished by means of a pre-fabricated harness.



If you depress the switch "Memory" the chords are retained until changed.

## WERSIHARP –

New sound dimensions for the new family of WERSI organs.



Using the "straight arpeggio" we shall explain the different operating modes of the WERSIHARP. Suppose you hold a chord anywhere on the left half of the lower manual and that "up only" is depressed. Upon depressing the keys, the notes of the chord will arpeggiate over 5 octaves starting at the extreme bass end. We can let the arpeggio run from the top note downwards if the button "down only" is depressed. Or we can let it make a "round trip" by additionally depressing the button with the double arrow. The start location is determined by the buttons "up only" or "down only" respectively. And, at last, depressing the button with the circle symbol, the arpeggio will continue to run up and down the chord scale.

The start of the arpeggio can be activated upon "key down" of the lower manual or, if desired, by operating the foot lever "Piano Sustain" on the swell pedal. Normally, the chord to be arpeggiated, has to be held for a short time only. A built-in memory retains this chord until the depressing of a new chord replaces the old one. This feature can be defeated by depressing the button "Memory Off".

### *The electronics of the new WERSIHARP*

Instead of arpeggiating the selected chord in a straight fashion, it can be inverted. Overall, the arpeggio will still run from one end of the keyboard to the other. However, the tones within every octave will sound in reverse order.

The last operating mode is called "Wandering Chords". The selected chord will sound sequentially in all octaves as a block chord.

The speed of the arpeggio is adjustable by a front panel control. But we have another surprise for you. If you start any rhythm pattern on your WERSIMATIC the arpeggio is synchronized instantly with the rhythm tempo.

Note: The WERSIHARP can be added anytime as a supplement to Kit Pak 12, however, the WERSIDATA Sound Computer has to be installed prior to the WERSIHARP.



# WERSI ENTERTAINER



**\* Excellent Starter Instrument \* Ideal Practice Keyboard  
\* Plays in Your Camper or Boat \* Your Musical Travel Companion**

Our top artists like Franz Lambert and Curt Prina often complain about the lack of rehearsal time when they are on an extended concert tour. Do you miss your instrument while away from home? Did your child miss piano lessons because the grand had to be left at home while everyone was on vacation?

Now comes WERSI ENTERTAINER—the take anywhere mini-organ. Easily built from a kit, it is light enough to take anywhere, and can be powered from a variety of sources like a wall outlet or from 12 VDC (e.g. the cigarette lighter in your car). While in your home you may want to connect it to your stereo for the “big sound”. When you are on the go you can use the Entertainer with its built-in 10 Watt power amplifier and speaker. The take anywhere organ is ideal for every age group, for the home, camper, or boat.

The Entertainer has a full 4-octave keyboard with polyphonic voices like 16’ Horn, 8’ Tibia, and 8’ Clarinet. Frequency vibrato can be added to these voices with continuously adjustable speed and intensity. Six automatic rhythms, ranging from March to Swing, can be used in-

dividually or in any combination. A bass guitar can be coupled to the rhythm pattern, playing alternating bass, selecting the lowest and highest note of a held chord. Besides the three percussion instruments, a piano voice can also be added to the accompaniment pattern.

The Entertainer’s pitch can be tuned over a full note.

**ARE YOU AFRAID OF BUILDING A FULL SIZE ORGAN?** Convince yourself that you can by first building the ENTERTAINER, using our step-by-step assembly manual and clearly identified parts packages. The latest computer technology is employed in this instrument. The entire tone generation is located on a single integrated circuit. The complete electronics is packaged onto a mere three printed circuit boards.

Later on, when you move up to a full size organ, utilize the Entertainer as a traveling companion, children’s practice keyboard—or sell it to a friend!

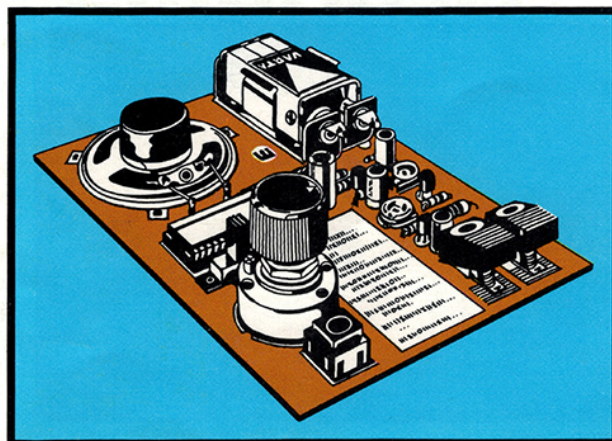
Dimensions: 39” wide x 12.5” deep x 3” high. Weight: 26 lbs.

## WERSI Fun Starter

**Build a musical door announcer and you will see how easy it is to build a WERSI kit.**

When you buy a WERSI Fun Starter you get a printed circuit board, a few electronic components and an assembly instruction booklet. Spend an hour or two of your own time and end up with a synthesized music box that plays up to 13 tunes when you touch a button or, if hooked up to your doorbell, when somebody rings at the door.

*We are convinced that you will be convinced!*





# ANYONE CAN BUILD A WERSI

After playing a few bars of his favorite pop tune, Larry Harnish settled into an overstuffed armchair beside his WERSI Helios and told me his story:

"Three years ago my wife and I began contemplating buying an organ. We visited many organ stores, heard several organ demonstrations and attended keyboard shows across the country. We seriously considered buying one of the nationally-advertised organs.

"Things changed quite unexpectedly, however, when I attended an open house reception at WERSI's showroom in Lancaster, Pennsylvania. I heard Franz Lambert play on the Helios and that changed my mind right then and there. I heard organ sounds during that performance which I had previously thought would be impossible to produce electronically. There was no question in my mind—the Helios was three times more organ for the money! Full features like drawbars, fixed stops, lots of solo voices, rhythms, automatic accompaniments, and unique registration aids convinced me of the instrument's versatility.

"I quickly decided to buy a WERSI but wondered which one to select. We thought we would rapidly outgrow a small organ. The Galaxy, WERSI's flagship model, was too much for us as beginners. We eventually settled on the Helios model—a spinet.

"We had planned to purchase at a later date. But then we found out that WERSI has broken down the organ kits into several packages which can be purchased one at a time, thus spreading the total cost over a period of time. We bought our first package immediately.

"Here I was with the prospect of building and playing an organ and I knew nothing about electronics or music. But first things first... I bought a good soldering iron and a circuit board holder and started to

build. Whenever I was in doubt during construction, I compared the relative values of the WERSI against the brand name organ we looked at earlier. Studying the information on the Helios reassured me in my decision to go with WERSI.

"I was told that you don't have to have any technical knowledge to build a WERSI. Well, I barely knew the difference between a resistor and a capacitor when I started. Yet, the organ I built is working perfectly. I still don't know the difference between an op amp and a MOS chip but it doesn't matter. Just follow the detailed instructions and you'll be able to correctly place each component. It's a funny thing, but if you buy the first two or three kits, you have made a sizeable investment and then it's not easy to turn back.

"On the few occasions when I needed help, I contacted WERSI's service department. They assisted me in every way. In my opinion, the

service department is absolutely fantastic.

"In approximately nine months I bought all kits available for the Helios and assembled them in my free time—about 200 hours altogether. For me, that was a long time, but then my job keeps me extremely busy.

"With my WERSI Helios completed, my wife and I began to get acquainted with the sounds of the organ. We are currently taking music lessons and find many of the organ's features to be of great help. Between us, we spend about two hours a day playing. We think that we are now sufficiently familiar with this instrument, although every day we discover more tricks and more ways of playing our favorite tunes.

"We have a truly versatile instrument and a tremendous sense of pride after having built our WERSI Helios. We feel doubly rewarded for our efforts and so will you when you build your own WERSI".

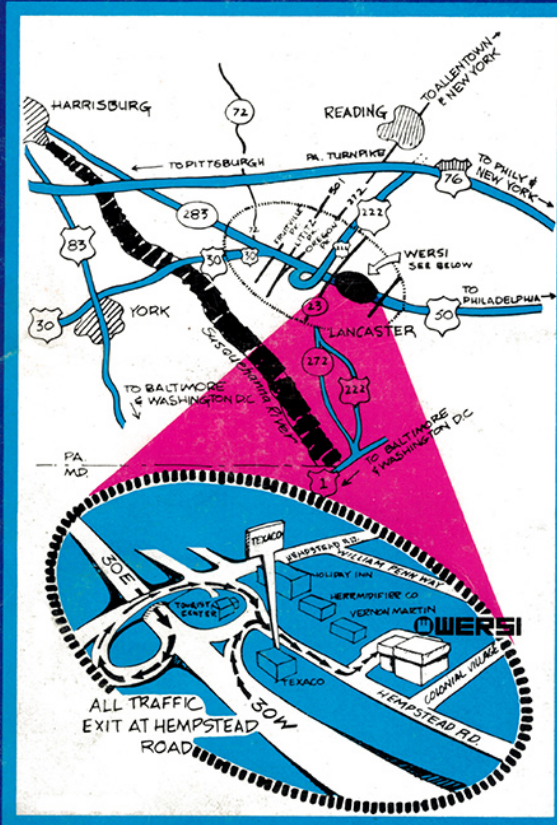


Larry and Ursula Harnish enjoying the sounds of the WERSI Helios.



# **WERSI**electronics, Inc.

## \*LANCASTER



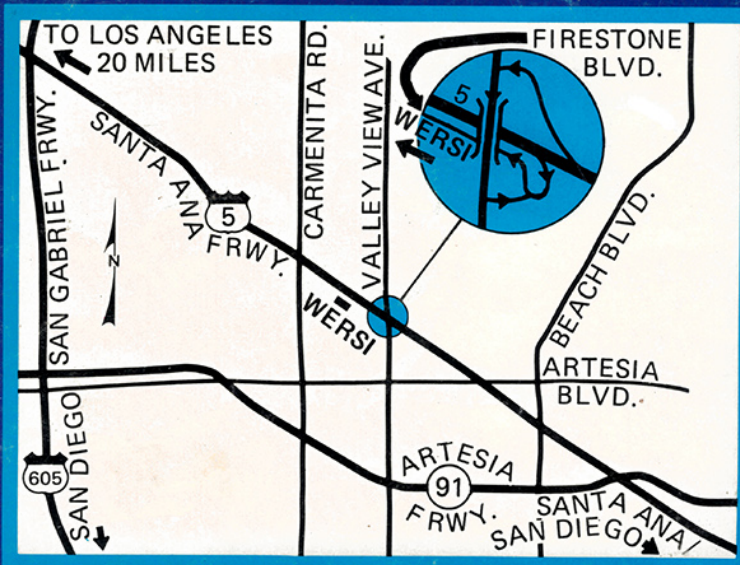
WERSI electronics, Inc.  
P.O. Box 5318  
1720 Hempstead Road  
Lancaster, PA 17601

Phone (717) 299-4327  
TWX (510) 672-0540

Office Hours:  
Tuesday thru Saturday 9-5  
Monday and evenings by appointment

With Headquarters in Germany,  
WERSI Electronics International has over  
25 showrooms in 12 countries.

## \*LOS ANGELES



WERSI Organs & Kits  
14104 E. Firestone Blvd.  
Santa Fe Springs  
CA 90670

**DEFI AGENCY**  
288 7899  
9 FLORENCE STREET,  
BURWOOD, VICTORIA

Printed in W.-Germany

**normsorgans.com**