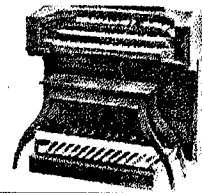


ORGAN NOTES



FOR SCHOBER ORPHANS AND FRIENDS

Issue #70

Fred Henn Founder & Headmaster Emeritus

December 2001

EDITOR Alex Kruedener
kruedener@juno.com

FORMATTING Bill Kohrumel:
bk3@usmo.com

EMAIL Jack D. Gildar
JDgildar@juno.com

Schober Organ Orphans' Page: <http://www.users.cloud9.net/~pastark/schober.html>

In Memoriam

It is with a sad heart that I have to report to you that Fred Henn, the founder of the Schober Orphans Group, passed away on Saturday, October 27, 2001.

Fred needed help in completing work on his Schober Theatre Organ after Schober's bankruptcy and found it through Laura Ramsey (who's husband Jim had worked for Schober). Fred realized that there were probably many other Schober owners who could use help and he decided that he would help them help each other and our group was born. Through the unselfish dedication Fred had for the group, many a Schober organ's construction was completed and many Schober organs were repaired. Fred collected parts and gave them to anyone who needed them. He facilitated exchange of parts and information so that a large number of Schober organs that are giving pleasure to their owners today exist because of Fred. Members have written to me saying: "His generosity to me was so great". "He got me into the group, he got me into Juno, he supplied a lot of parts that I needed", "He was a great friend", "He was so easy to get along with" and "He was such a great guy."

Thank you Fred, you will always be missed and never forgotten.

Disclaimer:

We accept no responsibility for any unfavorable consequences resulting from following our advice.

OVERTURE

This issue will be mailed out later in the month than past issues. Sorry. I just returned to New York from Vermont and had an awful lot to do.

THE SCHOBER THREE MANUAL ORGANS

The "Self Portrait" article of Captain David Casteel in ON67 and ON68 mention that David and his organist

friend Paul Havenstein had, at Schober's request, suggested specifications for the planned Schober three manual organ. David wrote: "I was surprised to find that there were many parallels between our and Schober's registration lists. Perhaps not too surprised since much of what we had postulated was pretty standard type stuff. The extent of parallelism at the pitch register level may have indicated that Schober did indeed take some of our suggestions to heart though".

David also writes in regard to the planned three manual organ: "Obviously, this would have been a major breakthrough in kit organ design. I'm sure that the type of unlimited pitch-register variety would have had to incorporate a solid-state switching system (probably similar to that offered later by Devtronix) since that type of circuitry can be extended almost without limit. It is not obvious from the document Schober sent me just how many sets of tone-generation logic would be involved, but one can infer that there would have had to be at least two independent systems or there could not have been a true "celeste" as advertised. It is apparent that, even with the advances in integrated circuits which had come to pass, this new model organ would have required a great increase in effort to construct and interconnect over that necessary to build the Recital model. Designing the kits to allow multiple uses and various levels of interconnectivity probably are what delayed its debut long enough that the company did not survive to see it happen".

Here are some of the specifications for proposed Classic and Theatre models. (If you wish a complete list for both the Classic and Theatre models, send me a SASE with 55-cent postage and two extra first class stamps).

Tone generators utilizing integrated circuits for a special frequency division system which allows proper tuning of fifth sounding (2-2/3', 5-1/3', etc.) and third sounding (1-3/5') pitches. From 32' to 2' complete, the 1' stops doubling back on the top octave. (From about 16 cps to 8000 cps).

Keying: Electronic keyer providing 8 buses per manual or pedal via a single contact per key.

Coupling: Via a time-shared multiplex digital system. All stops couple as in a pipe organ.

Voicing: Through inductance-capacitance-resistance means as in other Schober Organs, but in 1/2 octave segments. Keying buses divided into ten segments. Each stop will consist of ten individual filter sections for manual stops and five for pedal stops.

Celeste: A celeste generator set of 60 notes, standard. Range from low C through highest B at 8' pitch. A true celeste in that each note is individually tuned. Flute and string celested voices will be available, though not on every manual; can be coupled as desired even to pedals.

Speakers: The basic LSS-10 for channels carrying pedal stops. For manuals, percussion and reverberation (where in separate channels) a special space-saving system will be available.

Amplifiers: A special amplifier of several low-power channels will be available for manual channels. Pedal channels would require a larger amplifier.

Mechanicals: Combination Action, capture type. Five pistons plus division cancel for each division. Eight generals plus a general cancel. Totally electronic with no moving parts other than the pistons and tablets. Electronic memory. Silent except for the movement of the stop controls.

Expression Shoes: Three on each model. On the Classic; Swell, Choir-Positiv and Register Crescendo. On the Theatre; Main, Solo and Register Crescendo.

Stop Control: Classic; drawknobs and rockers (for intramanual couplers only). Theatre; tablets.

Stop List: See page 4.

PARTS

11231 Boards

The 11231 PC board is the exchangeable voicing board used in the "Library of Stops" of the Schober Recital Organ. Members have expressed interest in obtaining these boards in the past. Mark Voorhees of Classical Organs, Inc. says that if there is enough interest, he could produce these boards for \$9 each and they could be available in January. So if you are interested, let me know. They will not be made if there is insufficient interest.

Swell Shoe Gear

The plastic gear on the swell shoe potentiometer has worn down in a members' Schober and he asked if a replacement was available. Yes there is. It is available from:

Classical Organs, Inc.
P.O. Box 27476
Phoenix, AZ 85061-7476
Toll Free Telephone: 877-551-7916
Telephone: 602-973-1395
FAX: 602-841-1704
mvoorhees@classical-devtronix.com

Keyboard Parts

Parts for the Pratt & Reed keyboards are available from:

Organ Service Corp.
P.O. Box 372
Marengo, IN 47140-0372
Toll Free Telephone: 800-457-4408
www.organservice.com

Lubricant for keyboards D-C #7 5.3 oz	Item # 642-002-00	\$ 15.95
Bushing (Key Guide) (61 required per keyboard)	#72320-236	\$ 0.38 ea.
Key return spring, natural (silver)	#72320-214	
Key return spring, sharp (blue)	#72320-215	
Bellcrank spring	#72320-224	\$ 0.20 ea.
Elbow cap (for bellcrank)	#72320-264	\$ 0.20 ea.
Gold plated contact spring	#321-015-00	

For a keyboard diagram and parts nomenclature, see ON56 (August, 1999).

Rubber keyboard standoffs are no longer available. The replacement that Organ Service Corp recommends is expensive and not particularly good in my opinion.

Our member Richard McBeth found what seems to be a good substitute which can be adapted. It's PC standoff #CBLS25-C from Digikey. www.digikey.com, or 800-344-4539

Before Richard found the above, he also came up with the following solution.

- 1) Keep the old grommets.
- 2) Cut the top and the bottom off the grommets so the center is left.
- 3) Insert a 1/2" #6 machine screw from the top of the chassis.
- 4) Push the rubber grommet (#2 above) over the screw from the bottom side of the chassis. The hole is small enough to hold the screw from falling out.
- 5) Do this for all 14 mounting locations.
- 6) Reinstall the PC board over the screws.

- 7) Secure the screws in place from the bottom of the PCB using #6 nylon stop nuts. The use of the nylon stop nuts is important so that the nut is secure on the screw and won't fall off.

Cost of this approach is 5 cents (screw) + 7 cents (stop nut) per mounting location.

REPAIRING A KEYBOARD

See KEYBOARD PROBLEMS in ON 56, August 1999 (by AK).

Also, Richard McBeth writes: "If taking off the plastic keys – replace all the rubber Key Guides. They get hard with age. (61 required per keyboard). Be EXTREMELY careful around Bellcrank return springs. They fly off real easy. You will never ever find them. Buy some extra springs from Organ Service just in case. 20 cents each. \$20 minimum purchase, so get some other extra parts. When done, look at all the springs to make sure they are seated correctly."



HAPPY HOLIDAYS

ADS

Disclaimer:
Any deals, making of payments, receipt of payments or verifications are strictly your responsibility.

Theatre Schober

Available for free. It is complete but needs some tune ups. With: Percussion, Reverbatape, two mixer-compressor boards, Schober power amplifier, built-in speaker, Schober Auto-Tuner

Contact:

Joe Pepling
614 Dover Road
Oceanside, NY 11572
Telephone: 516-766-1318
Email: jpep@liii.com

Consolette II

It works beautifully. Just make an offer.

Contact:

Richard Thompson
403 E. Smith Street
Bay City, MI 48706
Telephone: 989-648-1076

Wanted

Does anyone have anything at all that is related to either a Concert or Consolette One (TUBE organs)? If you can part with it, for the postage, please let me know. Alexander Kruedener (see my address below).

Alexander Kruedener
161 East 89 Street, Apt. 4E
New York, NY 10128
(212) 831-0662
Kruedener@juno.com

TENTATIVE DESCRIPTION OF NEW THREE-MANUAL ORGANS

November 17, 1972

CLASSIC

GREAT		CHOIR-POSITIV		SWELL		PEDAL		COUPLERS
16'	Quintaton	8'	Gedeckt	8'	Geigen Principal	32'	Violone	Great Unison Off
8'	Principal	8'	Dulciana	8'	Stopped Flute	16'	Bourdon	Positiv Unison Off
8'	Bourdon	4'	Principal	4'	Octave	16'	Principal	Swell to Great 8'
4'	Octave	4'	Flute	4'	Flute	16'	Dulciana	Swell to Positive 8'
4'	Rohrflöte	2- '	Nazard	2- '	Nazard	8'	Octave	Swell to Pedal 8'
2- '	Twelfth	2'	Flute	2'	Flute	8'	Bass Flute	Great to Positiv 8'
2'	Fifteenth	1- ³ / ₅ '	Tierce		Mixture	4'	Flute	Great to Pedal 8'
2'	Blockflöte		Mixture	16'	Contrafagotto	4'	Choral Bass	Swell Unison Off
	Mixture	1'	Sifflöte	8'	Trumpet	2'	Flute	Swell to Swell 4'
8'	Trumpet	16'	Dulzian	8'	Oboe		Mixture	Swell to Swell 16'
		8'	Krummhorn	4'	Clarion	32'	Contrafagotto	Positiv to Great 8'
	S	8'	Clarinet	8'	String Celeste	16'	Fagotto	Positiv to Pedal 8'
		4'	Rohrschalmei		Tremulant	8'	Trumpet	
		8'	Flute Celeste			4'	Clarion	
			Tremulant			16'	Gedeckt	
						16'	Bombarde	

THEATRE

SOLO		ACCOMPANIMENT		GREAT		PEDAL	
16'	Tibia Clausa	16'	Lieblich Gedeckt	16'	Trombone	32'	Bombarde
16'	Tuba Profunda	8'	Harmonic Tuba	16'	Tibia Clausa	16'	Gamba
16'	Contra Violone	8'	Concert Flute	16'	Contra Viole	16'	Tuba Profunda
8'	Posthorn	8'	Tibia Clausa	8'	Tuba Sonora	16'	Diaphone
8'	Diapason	8'	Flute Celeste II	8'	Diapason	16'	Tibia Clausa
8'	Tibia	8'	Diapason	8'	Tibia Clausa	32'	Contra Violone
8'	Kinura	8'	Dulciana	8'	Viole	16'	Dulciana
8'	Trumpet	8'	Clarinet	8'	Viole Celeste	8'	Tuba Mirabilis
8'	Oboe	8'	French Horn	8'	Open Flute	8'	Octave
8'	Clarinet	8'	Vox Humana	5- '	Tibia Quint	8'	Tibia Clausa
8'	Solo String	4'	Clarion	4'	Clarion	8'	Waldhorn
8'	Vox Humana	4'	Octave	4'	Octave	8'	String
4'	Clarion	4'	Tibia	4'	Tibia	4'	Clarion
4'	Tibia	2- '	Nazard	2- '	Tibia Twelfth	4'	Tibia Minor
4'	Violina	2'	Piccolo	1- ³ / ₅ '	Tibia Tierce	4'	String
2- '	Tibia Twelfth	1- ³ / ₅ '	Tierce	1'	Fife	2'	Reed Percussion
2'	Piccolo	1'	Fife				
5- '	Quint		Percussion				
1- ³ / ₅ '	Tierce						
1'	Fife						
	Percussion						

NO COUPLER INFORMATION