

# Schober Organ Notes No. 60

## OVERTURE

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

With the help of Chris Feiereisen the Schober "Archives" are now in my possession. There is a lot of material there that may interest our members. If you have ever wondered about the specifications of a part, send me an e-mail or a SASE and I will see if I can find them.

Transformers, transistors, mechanical parts, I'll do a search. A list of Service Bulletins is shown below. If you want a copy of any of them, please send me a SASE. If you happen to have one that is not listed, please make a copy for our "archives" and send it to me.

I respond to all communications, however if I ever forget or may have forgotten to answer a request or an e-mail it is because I am back and forth between New York and Vermont and may have misplaced a note or forgotten an e-mail. If you ever feel that I have neglected to respond properly, PLEASE remind me. Also, if you don't get ON during the first week and a half of every other month, let me know. AK

## PRO GOLD SPRAY

From what I hear Caigs Pro Gold Spray works quite well. Our member Larry Blyly writes however that the price when purchased from MCM Electronics (800-543-4330) is quite high. The spray costs \$18.95, plus \$2.95 additional charges, plus \$7.28 shipping! (Looking in their catalog, I see this is listed as 6 oz. and I take it is the 5% G5 spray). Looking in the Parts Express catalog (800-338-0531) I see 5 oz. for \$15.95 of the same G5 spray, and \$22.95 for 2 oz of the 100% Pro Gold Concentrate G100. Parts Express charges \$2.50 for handling, plus UPS charges by weight. Wally Caddell writes that Progold Spray is available from Techni-Tool, inc. (800-832-4866) for \$24.95 plus tax and shipping, minimum order \$30 however. Willard Briggs writes "...I received my Pro Gold a couple of weeks ago...from Radio Shack.com. They sell it for \$14.95 plus a \$3.00 shipping charge...I have already sprayed the contacts of my Schober Consolette and it worked just as it was claimed to do by other members. Now my organ sounds just like new and I am so far well satisfied...it is not available in Radio Shack stores." I asked Willard for a little more information and he immediately replied. Here is the e-mail he sent: "This is in reply to your e-mail about ProGold. It is listed in Radio Shack's Commercial Catalog. The phone number is 1-800-442-7221 or it can be ordered on line on the internet at Radio Shack.com. There is no minimum order so you can order one can of Caig ProGold if you wish at \$14.95 for one to twelve 5 oz. cans (200ml). The order number is G5S-6. There was also a \$3.00 shipping charge attached to the \$14.95 price. The ProGold is definitely NOT available in Radio Shack stores.

Thanks for writing, glad to help. Willard Briggs

## SALE

"The Organ: A Concise Illustrated Guide" a set of two CD's and a small book is on sale at Daedalus Music. Usually \$37, on sale for \$17.95. On the first CD, 40 short pieces demonstrate the tones made by the stops. On the second CD an overview of musical forms used specifically for organ music is given. These 25 selections are explained fully in the book, which also has a dictionary of terms and illustrations of how organs work etc. Phone 800-395-2665 (<http://www.daedalus-music.com>)

## INFORMATION BULLETINS AVAILABLE

The following Information Bulletins are available for a SASE. If you have any that are not listed, PLEASE make a copy and send it to me so that it will be available to all members.

BN-004 Reverbatape (tube)RV-1 Incomplete erase  
 SN-010 (Service Note) Reverbatape (tube) RV-1 Replacement of TC-1 with TL-1  
 BN-011 Recital PRR-3 Ticking Vibrato  
 BN-013 Speakers Systems for Schober Organs  
 BN-020 Recital Generator Whistles Pickup  
 BN-027 Key Switch Resistor values  
 BN-027A Intermodulation in High-Pitched Organ Tones (tube Schobers)  
 BN-030 Optional Recital Organ Theatre Stops  
 BN-031 Theatre TG (1120 boards) Unreliable 16' Pedal Tones  
 BN-032 Theatre Organ Anti-Noise Modification  
 BN-035 Finding Noisy Transistors in Theatre Organ  
 BN-036 Recital Distortion and Loss of Volume in Pedal Stops  
 BN-037 Recital Tone Leakage Reduction  
 BN-038 Update Concert-Console II Keyboards  
 BN-039 Recital Pedal Clavier Modification  
 BN-041 Noise in Theatre Organ  
 BN-043 Cleaning Keyboard Busses  
 BN-043A Cleaning Keyboard Contacts  
 BN-045 Recital or Console II Loss of Volume  
 BN-046 SOC-11 Multiple Channel Theatre Organ  
 BN-052 Reducing Hiss in Rezounder RZ-4  
 BN-157 How to Destroy your Organ If Dissatisfied

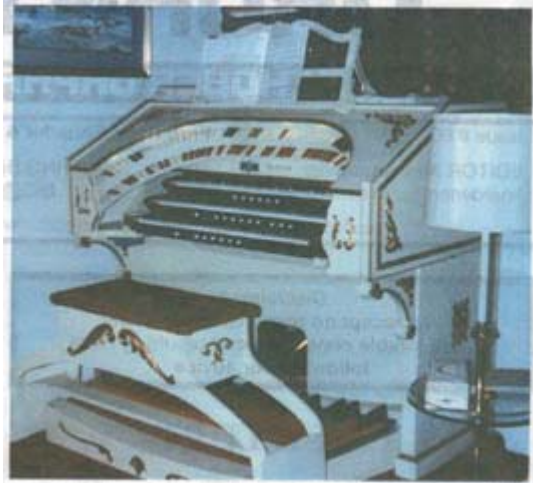
## PUFF OF AIR SYSTEM

There is interest in the "puff of air" preset system for the Theatre. Amongst the replies I got were two that are of particular help. The first from David Bruce. He sent the name of a manufacturer who might be able to make the little pneumatic pouches. I am in contact with Vinyltech Co. to see if they would make a small run and what the cost would be. This probably would be a vinyl and it should not be biodegradable. I'll report to you in ON 61.

The second reply was from Chris Feiereisen. Chris works with pipe organs and is quite knowledgeable. He wrote: "You probably know that the first Perflex (the material used in the original Schober pouches) was NOT biodegradable and is still working to the best of my knowledge. It was only after the manufacturer changed the formula and it became biodegradable that our troubles began. I believe that Polyon will be a suitable replacement. I'll make you a pouch and you can test it..." Make one he did indeed. Not only one, but he actually replaced the pouches on a stop switch I sent him and returned it to me. It works, at least when I tested it even though I do not have a Schober in NY. I tested it just by blowing into the little tube. I am sure that the pneumatic cylinder used in the preset system has more umph to it than my lungs. Chris also provided a pattern [see figure below] and instructions. "Keep shiny side of material to the outside. Overlapped edges are placed to the sides (not top or bottom)[of the stop switch]. [Then] remove spring and pivot, clean off old material and glue in top pouch (near magnet). Replace pivot. Glue in bottom pouch." In a previous e-mail Chris had informed me that American Piano Supply Co., 242 South Parkway, Box 1066, Clifton NJ 07014 sells Polyon. Their stock # is 451354B Nylon Pneumatic Cloth. The recommended glue for Polyon is PVC-E, sold by Organ Supply Industries, PO Box 8325, Erie PA 16505.

## David & Lis Bruce's FABULOUS ORGAN

David and Lis Bruce are building a fabulous organ. They will do a write up at some time in the future. Here is just a bit of information. They bought a beautiful three manual theatre organ console, and are rebuilding/restoring and upgrading it. They are adding second touch on the lower two keyboards. From what they wrote, quite a time consuming and complex process, and hopefully it will be described in their article. They are putting in a digital tone generation system and are looking at the Artisan "Ranks-in-a Box" Quite something. You can read about it on the web: <http://www.artisan-instruments.com/rnksbox.htm>. Their long term plans are to replace some of the digital electronics with pipes!

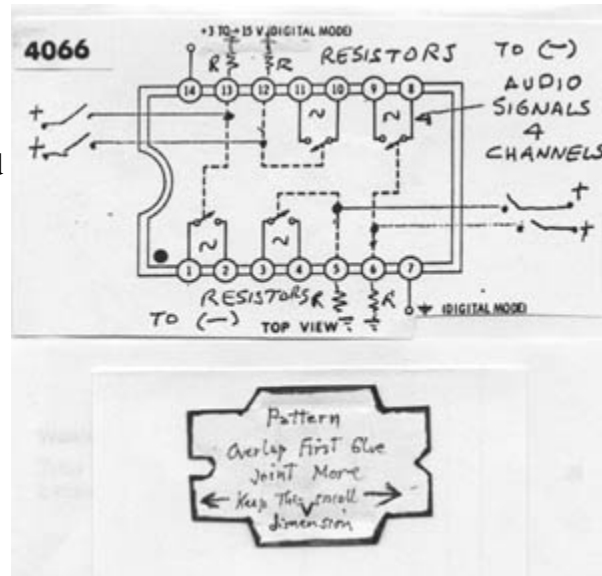


David & Lis Bruce's Organ

## KEYER FOR PERCUSSION

William C. Hughes writes: "I had found after installing the percussion circuitry, that the gold contact springs operated by the keys made a scratchy sound in operation. To alleviate this, I decided to interpose digital electronic switching between the contacts and the percussion PC boards and found it was possible to do this without adding any extra wiring. It should be possible to do this with pedal switching also.

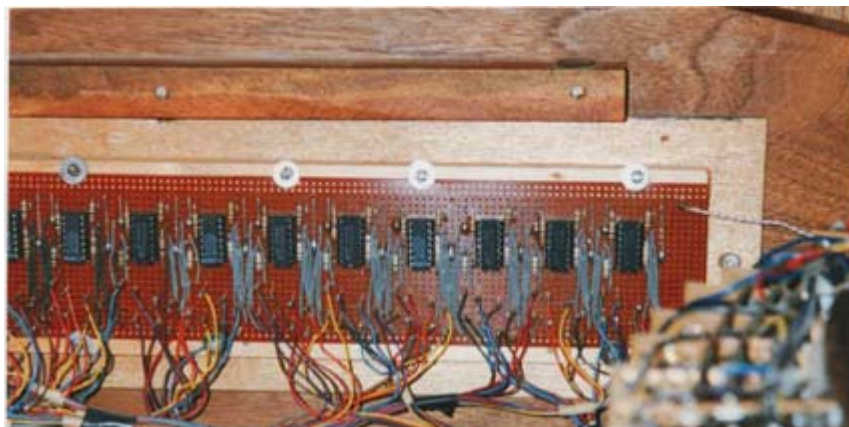
I used a piece of perf board 13.5" by 2.5" and fitted 12 CD4066 units (each of which has 4 switches which can be used for digital or analogue use - a total of 48 switches. This board was mounted on the right inner side of the organ under the lid and just over the bundle of wires which are routed from the gold spring contacts to the percussion boards, thus making it possible to use the slack in the wires to cut and connect them to terminal pins on the perf board. The IC's are supplied with 12v from a AC transformer adapter plug from a supply socket in the organ base. A more filtered and regulated supply might be better, but I found no hum or ripple by using the simple adapter transformer with its internal rectifier. This DC voltage is also switched by the gold contact wires to pins 5, 6, 12 & 13 on each IC. These pins should also have a 3 to 5 megohm resistor to ground (to fall-back to ground with no signal, value not critical). The power supply wire that originally went to the metal keyboard frame now goes to IC pins 1, 3, 8 & 10 and the wires to the percussion circuit boards are IC pins 2, 4, 9, and 11.



## SCHOBERS RELATED ITEMS

### Wanted

Tube Reverbatape unit.  
Contact Jon at z-



man1@worldnet.att.net  
Information

## **Wanted**

A cheap replacement for the generic 2N2147 and 2N2148 transistors. Parts Express still lists them but no longer has them. They ran around \$2.50 each. There is a NTE replacement, but that costs around \$16! Alexander Kruedener

## **Wanted**

Recital Registration Boards. Pedal #11232, Great #11233 and Swell #11234 or a complete stop board assembly. Will pay for shipping and if the parts work, a reasonable purchase fee. The organ is to be donated to a charity when fixed. Contact Bill McClenahan, 2600 Heritage Woods Drive, Appleton, WI 54915. Phone 920-739-5073. E-mail Wmcclen205@aol.com

## **Wanted**

Recital stop tabs and voice boards (11231). Contact Harold M. Whipps, Sr., 8551 Imperial Circle, Palmetto, FL 34221, Tel. 914-722-3091 or e-mail hmwsr@gte.net

## **Wanted**

Recital preamp board 11407A. Contact Doug Steeves, 11 Heather Drive, Moncton, N.B. E1E 1C6 Canada. Phone 506-382-7463 or e-mail steevda@nbnet.nb.ca

## **Wanted**

Blade switches, such as used in the Schober Theatre Organ pedals. Contact Bill Hughes, ontadian@hotmail.com, or get in touch with me if you don't have e-mail. AK

## **Free**

A complete Schober Console II Organ. Will donate to a good home. Organ currently located 6 miles west of Philadelphia. You must pick it up. Contact Paul McIlvaine by phone 703-971-9589 or email pjmcilva@erols.com

## **For Sale**

Several Reverbatape units and parts (motors, rollers etc.) very reasonable. Contact Doug Steeves, 11 Heather Drive, Moncton, N.B. E1E 1C6 Canada. Phone 506-382-7463 or e-mail steevda@nbnet.nb.ca

## **For Sale**

Chris Feiereisen has several complete Klann tripper presets such as used in the Schober Recital. Contact him at 920-684-1444, 7:30 AM to 9 AM or PM. E-mail chris@lakefield.net

## **Needed**

Assembly instructions for the Console II. (The tube Console II), also pages 13 to 16 of "The Schober Recital Organ Console and Bench Kit" instructions. (CRT-6 copyright 1970) and the instructions for the Schober Volt Meter TM-1. If you have any of these, please make photocopies for our "archives" and send them to me, I will pay for postage and copy costs (see

address at end of ON). A.K.

## **NON SCHOBBER RELATED ADS (mostly)**

### **Sell, Trade Or Give Away**

Fred Henn writes: "Id like to swap for computer items, Electronic Organ items, Electronic items or sell. 1) A Universal Model V-9002 TV/VCR audio signal to STEREO adapter with built in amplifier. 2) A Videoking Model MPS-700 SWITCHING BOX for TVs, VCRs, VIDEO GAMES, etc. 3) A Realistic Model 42-2108 STEREO REVERB System. 4) A Heathkit Model IT-27 TRANSISTOR/DIODE tester. 5) A Telex AMPLITWIN set of amplified earphones. 6) A BISSEL POWER STEAMER DELUXE Model 1631-1 7) A BACKSWING/INVERTER. 8) A Shure Model M61 transistorized Stereo Preamp. (For Tape, Phono, or Mike. 9) 4 Powered SPEAKERS for computers 10) A Leslie speaker, With cables, etc. Make an offer. I am especially interested in 25 pin bi-directional cables and bi-directional printer cables. If you have any questions regarding the above, please contact me via mail, or Email: oranur@juno.com or Telephone: (716) 691-9495 Fred Henn 230 N. French Rd. Amherst, NY 14228-2033

### **For Sale**

Frank Vanaman is selling most of the electronics for a Devtronix Organ. Asking \$250. Contact him at: fvanaman@speakeasy.org. If you don't have e-mail, phone me. A.K.

Please Address All Correspondence And SASE DONATIONS TO ALEX KRUEDENER  
Winter Address: 161 East 89th Street, Apt. 4E New York, N. Y. 10128 (212) 831-0662 E-mail: Kruedener@juno.com

There are photos and graphics in this issue. If you want them, send a SASE to Alex Kruedener or contact Jack Gildar via e-mail. For your information, the photo/diagram is 563712 bytes and the picture of David Bruce's organ console (if you appreciate theatre organ consoles, this one very impressive) is 135292 bytes, and both are in .jpg format.