

Schober Organ Notes No. 76

OVERTURE

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

OVERTURE

HAPPY HOLIDAYS to all and enjoy your Schobers during this season.

I am publishing a few letters/e-mails that show what some of our members are doing, which may give you a hint for a fix or an inspiration to work on your organ.

If any of you made improvements or changes to your Schobers and could describe what you did, or if you have time to write up a little history of your life including your Schober experiences, I would love to publish it.

If anyone needs parts, original Schober Information Bulletins on changes, fixes or improvements, let me know your needs and I will see if I have what you are looking for.

Just as important, if you have any spare parts around and wish to share them with someone in our group who may need them, please advertise them via Organ Notes. If you have no takers, please let me know, I will gladly pay for the shipping costs and keep whatever you want to donate on hand just in case someone may need it in the future.

AN EMAIL FROM OUR MEMBER WARREN W. JONES,

Re: Reverbatape, keyboards, puff of air presets, etc.

Hi Alex

The weather is turning cold so I can't play golf and most of the outside chores have been done, therefore some work on updating the Schober Organ is in order and thinking of the "puff of air combination action" again.

I changed the endless tape loop on the RV3 Reverbatape to the 8-track cartridge as suggested by Nolan Payne in Organ Note 32. I found this to be fairly simple to do and it works much better than the original tape with less background noise from the tape and no splice slap. There is some noise from the plastic spool turning on the aluminum tension arm post which had to be reduced a few thousands in diameter to turn freely. I believe using a nylon post of the proper diameter could reduce this noise. I might make this modification the next time if I have to replace the 8-track tape. I did put a 1/4 inch diameter nylon bushing at the lower motor mount screw for the tape to run against and used the felt pad and leaf spring from the tape cartridge at the upper motor mount screw to keep the tape rewinding on the spool correctly. Also cut the spool diameter down to keep everything inside the cover. Pictures are attached but not very good detail.

I have also removed the keyboards to replace all of the key guide bushings as mentioned in Organ Note 56. This was slow work but made a major difference in feel and did reduce the key clacking noise and restored all the keys to the same level that I was unable to do when incorporating the keyboard modifications several years ago for the Devtronix tone generators. I had used some soft plastic tubing that still made some noise on the keys that had lost the

original bushings. Purchased a can of ProGold from Parts Express (Radio Shack has discontinued this item from their Commercial Catalog) and intend to spray the contact springs and bus bars before reinstallation.

Since removal of the keyboards requires the stopboard removal in my installation, I believe some work on the "puff of air combination action" is in order. Unless you have some further information than Chris Feiereisen's in Organ Note 60, I will proceed using Polyon (or is it spelled polyon?) from American Piano Supply Co. I'm thinking of making the air pouches circular rather than rectangular and intend to review the possibility of heat sealing the pouch versus gluing if I can get the specifications on the Polyon. If either of these ideas were considered and rejected, please let me know.

That's about all on my Schober fun projects. Keep up the good work on Organ Notes and I do check on the Schober Web Page every so often.

Warren W. Jones, Wjones2132@aol.com

AN E-MAIL FROM OUR MEMBER DEAN PEDEN,

Re: Sound effects/toy counter, etc.

Hello Alex and Jack, Here is a copy of an article that I sent to Jack Moelmann for the ETONES newsletter and thought you might like to share it with the Schober Group. Thanks for all of your work to help us all enjoy our Wonderful Electronic Organs. Dean Peden

"OOGAH! HONK! HONK! TWEET! TWEET!" I have always wanted the Train and Boat and Bird whistles and the Klaxon (OOGah!) horn on my Chrome-Wurlitzer consoled Devtronix. I saw an article about digital message record/playback units built by Elk Products Co. in a electronics catalog so I sent for their model ELK-120 with 4 channels of 2 minutes of recordable time for each channel. Each channel will play the full recorded time you input. In other words, you may record a 2 minute sound of surf or 2 seconds of a pistol shot and it will recycle after the recorded time is over. You have to wait until the 2 minutes of surf have played before you can use one of the other channels or 2 seconds after the pistol shot. You can press all buttons in any sequence and it will replay all sounds in that sequence. I also bought a model ELK-124 with 4 channels of 30 seconds time for each channel. I think that the newest model of ELK-124 has 8 channels of sound record/playback! Great for train and boat whistles and other sounds. Each of these models come with a built-in recording mic and when I first tried some sounds. Zowie! Just what I have been looking for! Each piston/sound is keyed with +12v and each board has a 25 watt on-board amp for playback I sent off for the Computer recording interface that the company sells as model ELK-129. I used an old piston rail with 10 pistons for my record/playback setup. I now have eight wonderful sounds on the keycheek pistons. A favorite with the crowd is the "Tarzan Yell" so familiar to us 'older' people. And I now have a "Chinese Gong" for my lever pedal. "Thunder" really wakes people up for "Stormy Weather"! The company has a website: www.elkproducts.com. I also found many sound effects websites that I downloaded my sounds from. Most are free and have very good sounds. Shop around for what you want and most have the times listed for each sound duration. Of course you could go to a Theatre Pipe Organ installation and record the 'Real Thing'. I have enclosed a picture of my Elk Digital Sounds/Toy Counter installation. Organthusiastically Yours, Dean Peden, peden2@juno.com

Couplers for the Console II

In a letter to Fred Henn from George O. Nichols, George described how to add couplers to the Console II. Here is part of what he wrote:

Couplers can be added to the Console quite easily if you can find room for them, or make a new stop-board, they require dual-ganged leaf switches similar to the triple-ganged switch for the Swell to Great coupler.

Swell to Swell 16'

When the tablet is down, the Swell 8' bus is connected through a 56K resistor to a point between resistor 70 (56K) and capacitor 72 on the Bus Amplifier. At the same time the other part of the switch connects the Swell 16' bus through a 56K resistor to the Bus Amplifier between resistor 48 (56K) and capacitor 50.

Swell to Swell 4'

When this tablet is down, it connects in similar manner through a 56K resistor, the Swell 4' bus to a point between resistor 48 and capacitor 50 and the Swell 8' bus to a point between resistor 26 and capacitor 29, always through a 56K resistor.

The 56K resistors are necessary to isolate the pitches from leaking back where they are not wanted. You will notice on the schematic diagram that each pitch on the Bus Amplifier has its own 56K resistor for this reason. For the couplers the resistor can be placed anywhere along the route, at the switches or at the Bus Amplifier board.

Coupler logic can be confusing, but if you are thinking the above instructions are the wrong way round, try to follow through the course of any one pitch, and you will see that 8' tone is added to the 4' stops, and 16' to any 8' stop, in the case of the 16' coupler. While 8' is added to 16' stops and 4' to 8' stops, for the 4' coupler. It can be diagrammed thus:

Coupler: Swell to Swell 16' Bus Resistor Point between parts on Bus Amplifier

Swell 8' 56K 70, 72 = S4'

Swell 16' 56K 48, 50 = S8'

Coupler: Swell to Swell 4' Bus Resistor Point between parts on Bus Amplifier

Swell 4' 56K 48, 50 = S8'

Swell 8' 56K 26, 29 = S16'

NOTE: This table does not reproduce properly in the e-mail version. If you want it please send me a SASE and one extra stamp for a printed copy of ON76. Ed. (see address below).

Disclaimer:

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

ADS

Organ Parts

Marion L. Clemens writes: "For anyone involved with other makes of organ: Retired service man has remaining stock of new and used parts for Allen, Baldwin, Conn, Hammond, Lowrey, Thomas and most other (no Japanese) makes. Keys, contacts, tubes and fuses. Stock is limited and dwindling of course. Send SASE for reply or phone evenings until 9:00 PM. Prices will be

affected by the original value, scarcity and demand. Also have some service information but have already sold most of that. Reasonable prices. 10129 Lapeer Rd., Davison, MI 48423-8171, Phone: 810-653-2439.

Recital Schober

A Recital with Combination Action, 2-track Reverbatape, 2 LSS 10 speakers w/HF-1 high frequency extension kit and Schulmerich Carillon is available for the BEST OFFER based on the value of the Schulmerich Carillon only. In Norristown, PA. Contact: Vladimir R. Weiss, Tel.: 610-666-5618, Email: vweiss@juno.com.

Wanted

A PTR-5A preamp vibrato board for a Theatre Schober and a solid state reverb. Contact: Richard Peterson, 50 Spring Meadows Drive, Osmond Beach, FL 32174, Tel.: 386-673-6981, Email: ndgators@bellsouth.net

Wanted

A tube Preamp-Vibrato unit for a Concert Schober, for our member Anthony Carriero. Please contact the editor. Address below.

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