

Schober Organ Notes No. 65

OVERTURE

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

I hope you all had a great holiday season. Only one ad was submitted for this issue, so for those of you who do not have access to the web, I took some of the For Sale and For Free ads from our web page and put them in. I was short of material for this issue also and Fred Henn proposed that I put in the directory of addresses for Theatre Organ Recordings from Theatre Organ Magazine.

REPI COM

Richard McBeth was having troubles with one of the tone generators in his Console II. Here is what he wrote: "Tone Generator 11191, Symptom No F# tone on any key. Problem: Capacitor SH (330 pF) was replaced. Capacitor SH is the coupling capacitor between the oscillator and transistor

Shopping for Recordings? Try these sources.

Organ Literature Foundation 781/848-1388, organlitfnd@juno.com	T-V Recording 408/248-6927, tvrdc@aol.com
Organ Historical Society 804/353-9226, catalog@organsociety.org www.organsociety.org	JAV Recordings 888/572-2242, www.greatorgancds.com
Lancastrian Theatre Organ Trust theatreorgans.com/lancast/lanc1.htm	MSS Studios, www.organ.co.uk
Piping Hot Recording Company England, 01494-580034 piping.hot@virgin.net	Roxy Productions 480/460-7699, Dept. J, azroxy@home.com
Cinema Organ Society www.mrc-bsu.cam.ac.uk/COS/society.html	Musical Contrasts musicon@swlink.net, Dept. J www.swlink.net/~musicon
BANDA banda@westworld.com theatreorgans.com/cds/banda.html	Organ Stop Pizza 480/813-5700 x200, Dept. J www.organstoppizza.com
	Wichita Theatre Organ 316/838-3127, Dept. J wtopops@aol.com www.vornado.com/mother/mother.html
	Canterbury Records, 626/792-7184

The Winchester Cathedral Organ



Truly Majestic!

You'll marvel at the bold, rich sound of this historic British organ, played with astonishing virtuosity by Dr. Martin Souter, with this collection of beautiful melodies that will surely renew your spirit. An inspirational recording of well-known favorites.

Toccata and Fugue in D Minor Bach • Pomp and Circumstance March No. 1 Elgar • Trumpet Voluntary Clarke • Clair de Lune Debussy • Londonderry Air traditional • Ride of the Valkyries Wagner • Grand March To Alda Verdi • Fantasia On Greensleeves Vaughn Williams • Hallelujah Chorus Handel • Air On The G String Bach • Arrival Of The Queen of Sheba Handel • Nimrod Elgar • In The Hall Of The Mountain King Grieg • Largo Handel • Chanson De Martin Elgar • Let The Bright Seraphim Handel

ORGAN GREATS

#611012 Cassette ~~\$19.98~~ \$11.24

#611020 Compact Disc ~~\$19.98~~ \$13.49

THE GOOD MUSIC COMPANY
YESTERMUSIC

To Phone In
Credit Card Orders
1-800-538-4200

The Mightiest Organs!

Mighty Organs



Sale MIGHTY ORGANS

The mightiest organ pieces played by the mightiest organists on the mightiest organs in the world! Seriously, we have rounded up 38 of the best-loved pieces ever composed for organ and found recordings of them by the world's great organists (E. Power Biggs, Glenn Gould, Anthony Newman, Gustav Leonhardt) on some of the largest, most elaborate and LOUDEST instruments in the world—namely, mighty organs! This collection comes to you straight from the august vaults of Columbia Records, remastered with high-fidelity precision and accompanied by details on the incredible instruments you're hearing. A Collector's Choice Music release!

No such collection would be complete without plenty of J.S. Bach, and here we have *Toccata & Fugue in D Minor*; *Chorale Prelude "Eine feste Burg ist unser Gott"*; *Jesu, Joy of Man's Desiring*; *"Little" Fugue in G Minor*, and more, played variously on the Plentrop organ at the Busch-Reisinger Museum at Harvard University, the Casavant organ at All Saints' Church in Kingsway, Ontario, the Christian Muller organ in Amsterdam and the Silbermann organ (built in 1761) in Arlesheim, Switzerland. Then come Concerto No. 6 in B-Flat Major for Organ & Strings Handel; *Toccata & Fugue in B-Flat Major* Pachelbel; *Heldensmusik Suite* Telemann; *Ronde Couperin*; *Invention on the 10th Tone "O Magnum Mysterium"* Gabrieli, and more. Among the organs used are the "Father" Smith organ (built in 1670) in Leicestershire, England, and the mammoth, four-story-tall organ at St. Ignace Loyola in New York! A unique listening experience awaits...

HHCCM01242 2CD ~~\$24.95~~ Now \$19.88

HHCCM01244 2CS ~~\$19.95~~ Now \$15.88

COLLECTORS' CHOICE MUSIC
www.ccmusic.com

P. O. Box 838
Itasca, IL 60143-0838
800-923-1122

stage SF

and the following buffer transistor stage SK. SH cannot be replaced with any old capacitor sitting around, it must be replaced with a value close to 330pF." Lesson learned: Use parts that are the original value.

THEATRE ORGAN PEDAL MODIFICATION

Larry Smith, one of our members, attached the pedal switches on his Theatre Schober to the pedal assembly. That way it is much easier to clean the contacts. Here is what he wrote: "Alex, I finally quit dancing around that pedal job and did it. I turned out good and cost about \$15.00. Recall that there are 25 pedal inputs, a ground, and the output to PS on the pedal generator, PTG-3. Here is how I did it:

1. Went to Salvation Army and bought a printer cable for \$1.00. I cut off the 36 pin connector and put on a 25 pin female d-sub. I cut the cable in half and made two lengths of the 25 wires (12 & 13). This was to stagger the splices to keep the diameter down. I was going to put heat shrink overall, but the 1/2 inch I had was ??? for the O.D.
2. Removed the pedal switch stick from the floor of the organ., after cutting the ground and output wires. (There are six screws to the floor. The center four screw holes in the switch stick will be used to mount the stick to the pedal assembly on angle brackets). Un-taped switch wire bundles.
3. Then I pulled each wire to trace it to the bundle that goes into the organ. Then I found each male and female pin/wire # combination and cut the corresponding # wire. Made two in-line splices and put on heat shrink tubing. I did one wire at a time because I didn't have access to the back of the organ for checking continuity at the back.
4. After the 25th pair of splices was done, the switch assembly could be picked up and examined. I cleaned and adjusted switches, and this was so easy that I decided the final mounting to the pedal assembly had to accommodate easy removal of the switch assembly.
5. The stick that the switches are mounted on is 5/8 inches high x 3/4 inches deep. I nailed a 3/8 inch x 3/4 inch strip on the back side of the switch stick. This is for two reasons. One, it protects the switch terminals. Two, it allowed me to pass the switch stick through the table saw and cut off the bottom 1/16 inch of the switch stick along with the extra 1/8 inch riding against the saw fence. This 1/16 inch cut-off is to provide clearance between the switch stick and the organ floor as the pedal assembly is pulled out and pushed in. This saw cut is tricky, and a helper would be handy to hold the cable now spliced on the switch wires. It worked out OK by being careful and slow. Watch out that the eye screws aren't turned in too far - you need 1/16+ inches to cut off.

6. Then four angle brackets were mounted onto the rear of the black support members. They are set

FIG. I

1. Saddle
2. Pick magnets
3. Saddle height adjustment locking screw
4. Saddle guide rail with eccentric mount
5. Saddle return spring
6. Slide guides
7. Slide
8. Armature
9. Pick magnet contacts
10. Contact lead breaker cam
11. Master solenoid drive rod
12. Saddle armature blade
13. Magnetic loop bar
14. Rockers
15. Jacks
16. Saddle height control

NOMENCLATURE

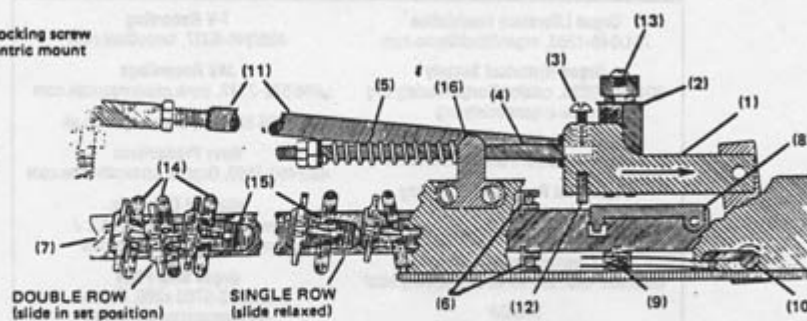


FIG. II

1. Stop board
2. Removable, slip-on tablet
3. Stopkey frame
4. Stopkey bracket controlling On position of stopkey tablet

5/8

inches up above the bottom. This puts the switches at the same height as before, only now there is 1/16 inch bottom clearance. Note, that the two center brackets can be mounted on the centerline of the black boards, but the end ones must be moved to match the original mounting holes of the switch stick (because the black boards are fanned out). At this point you select the distance back from the pedals for clearance, and you can change switch height too, but I stayed with the original 5/8 inches. The angle brackets were 2 inch (mounted to the black board with 2 screws) and 1 1/2 inches horizontal with one hole for a # 8 screw to match those in the switch stick

7. In order to make the switch assembly easy to remove, I used binding screws. The size with #8 screws fits just snugly up into the four screw holes in the switch stick (0.200 Inches). The bottom head of the binding screw is 0.050 inches thick, still giving clearance to the organ floor. Note, since the pedals are in an arc, I bent the switch stick in an arc too, but it's not really necessary.

8. I bent up some flat bar and also connected the ends of the switch stick to the pedal frame. Probably not really necessary, but done for protection against damage when the pedal assembly is slid around. Binding screws were used here also.

9. So, to remove the switch assembly, all you have to do is pull it out from the organ, remove six # 8 screws and the whole switch assembly can be examined, cleaned or adjusted as required.

10. I also chamfered all the edges that will now be slid in and out more often. I tightened all the nuts and screws on the pedal assembly, and blew out all the dust with compressed air.

11. I used the shield on the printer cable to carry the ground to the switch assembly. At the left end, I used a phono connector to connect the output. I considered using shielded wire on the output, grounding the shield at the pedal generator end, and carrying this ground to the switch assembly, but again, the organ was against the wall.

12. Actual working time, about 16 hours, but a lot of plans were scuttled along the way. The binding screw idea was the key to easy switch removal. These can be found in hardware stores with that big assortment of stuff in plastic pull-out trays.

I hope you get the idea from the above. I'll try to answer any questions. Removing the switch assembly to work on it is so slick, that others may want to do this too. So, edit it as you see fit, and put it in ON if you like."

If you have any questions, contact Larry at: lhsmith@srv.net

HELP NEEDED

Dan Smith, one of our members asked the following question: "How compatible are components from various sources, i.e., can oscillators from old Rodgers organs be used with voicing filters from Devtronix, Sonic Creations, or other sources? What kind of modifications need to be made." Contact Dan at: dsmith@klannorgan.com

GLEANED FROM OUR WEB PAGE

Schober Rhythm Board

Charlie Strack posted the following message:

I noticed a Schober Rhythm Board is available on Ebay: <http://cgi.ebay.com/aw?cgi/eBayISAPI.dll?ViewItem&item=1406940584> I thought someone here might be interested in it.

Need a Recital Model, as freebee

A young student friend would like to practice on a Schober Recital model in the New York City metro area, north of the city. If you know of any possible situations, please contact me. Thank you. midhudson@juno.com

Free Schober Consolette II

I have a Schober Consolette II organ that my father built. It looks great and I assume would work if someone put in a little time as it was working when my father passed away. I am ready to take it to the dump but would rather give it to someone who would like an electronics project or would like it for parts. It includes a Leslie speaker and all paperwork. It is in Dundee, Oregon, about 25 miles southwest of Portland. Paul Chamberlain – pchamberlain@georgefox.edu

Theatre Schober

Allen Inks posted a message that he would refuse no reasonable offer for a Theatre with presets (puff of air), Reverbatape, Dynabeat and instructions. The organ is located in a suburb of Toledo, Ohio. inks@mstfirm.com

SCHOBBER RELATED ADS

Theatre Schober Available

I sure hope that someone will want this organ, it is loaded with extras. A Theatre Schober with Percussion, Dynabeat, Reverb, Headphone Amp., 2 regular speakers and a Leslie is available. Located in Denver, CO. Call Diana Vos at: 303-733-3579 or e-mail: dlvos@attglobal.net

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