

MANUAL & PEDAL SWITCHES

37	73 or 74 notes
43	61 notes
21	49 notes
43	32 notes
4	34 notes
3	20 notes
26	12 notes
2	1 note
1	14 notes

SHADE RELAY

Install new 31 note relay (Expression Pedal contacts including All Swells to Pedal IV).
Install 42 new 6 note switches (Selector switches including All Swells to Pedal IV).
Install one new 35 note switch (Selector piston off).

SELECTIVE CRESCENDO RELAY

Install new 73 note relay.
Install one new 73 note switch (Couplers).
Install four new 61 note switches (Strings, Flutes, Diapasons & Reeds).
Install one new 34 note switch (Pedals).
Install one new 6 note switch (Grand).
(Present jack board to be used without change)

REVERSIBLE SWITCHES

Install seven new 73 note switches for Stops cut-out.
Install two new 73 note switches for Sforzando I.
Install one new 73 note switch for Sforzando II.
Install one new 12 note switch for 16 Manual Steps off.
Install one new 6 note switch for 32 Pedal Steps off.

SWELL SHADE BUMPER SWITCHES

Install new relay as required.
Install five new 5 note switches.

PLAYER RELAY

Recover 61 1-1/4" x 4" primary pneumatics.
Install new 68 note relay with 8 conductor contact blocks.
Install six new 61 note switches.

SPECIFICATIONS
FOR
CONSOLE & ORGAN

TUAL COMPASS
AL COMPASS
ID PRESSURE
CH

CC to C4, 61 notes
CCC to G, 32 notes
See Below
A-440 @ 70°F

GREAT ORGAN (Enclosed) 25

8" wind pressure except stop #3 10" & stops #19, 20 & 21 12"

16	Double Open Diapason (Unit - 24 offset).....	73	Pipes
16	Bourdon (32 offset).....	73	Pipes
8	First Open Diapason (Unit - 14 offset) new pipes, present action.....	73	Pipes
8	Second Open Diapason (12 offset) new pipes, present action.....	73	Pipes
8	Third Open Diapason (12 offset).....	73	Pipes
8	Fourth Open Diapason (12 offset).....	73	Pipes
8	Tibia Clausa (12 offset).....	73	Pipes
8	Major Flute (12 offset).....	73	Pipes
8	Canba.....	73	Pipes
8	Melodia (12 offset).....	73	Pipes
8	Genshorn.....	73	Pipes
4	First Octave...new pipes, present action.....	73	Pipes
4	Second Octave...new pipes, present action.....	73	Pipes
4	Flute Harmonique.....	73	Pipes
3-1/5	Tenth.....	73	Pipes
2-2/3	Twelfth.....	61	Pipes
2	Fifteenth.....	61	Pipes
V	Mixture (19-22-26-29-33)...new pipes, present action.....	305	Pipes
16	Double Trumpet (Unit - 12 offset).....	73	Pipes
8	Trumpet Harmonique.....	73	Pipes
4	Clarion.....	73	Pipes
	Tremolo		
	Chimes.....from #174.....	34	Notes
8	Harp.....from #175.....	73	Notes
4	Harp.....from #175.....	61	Notes
	Celesta.....from #176.....	49	Notes
	Fanfare to Great		
	String to Great		
	Percussion to Great		

16
4

SWELL ORGAN (Enclosed) 38

8" wind pressure except stops #57, 59, 60 & 65 10"

16	Contra Viola Diapason (Unit - 24 offset).....	73	Pipes
16	Melodia (Unit - 24 offset).....	73	Pipes
8	Open Diapason (12 offset).....	73	Pipes
8	Diapason Phoson (12 offset).....	73	Pipes
8	Horn Diapason (12 offset).....	73	Pipes
8	Geigen Diapason (12 offset).....	73	Pipes
8	Claribel Flute (12 offset).....	73	Pipes

SWELL ORGAN (Enclosed) (cont'd)

8" wind pressure except stops #57, 59, 60 & 65 10"

37	8	Viola di Gamba.....	73	Pip
38	8	Gamba Celeste.....	73	Pip
39	8	Viole d'Orchestre.....	73	Pip
40	8	Viole Celeste.....	73	Pip
41	8	Rohr Flute (12 offset).....	73	Pip
42	8	Salicional.....	73	Pip
43	8	Voix Celeste.....	73	Pip
44	8	Flauto Dolce (12 offset).....	73	Pip
45	8	Flute Celeste (12 offset).....	73	Pip
46	4	Octave.....	73	Pip
47	4	Flute Traverse.....	73	Pip
48	4	Violina.....	73	Pip
49	2	Flautino.....	73	Pip
50	V	Grand Mixture.....from #51, 52, 53, 54 & 55.....	61	Not
51	4	Octave.....	61	Pip
52	2-2/3	Twelfth.....	61	Pip
53	2	Fifteenth.....	61	Pip
54	1-1/3	Nineteenth.....	61	Pip
55	1	Twenty-second.....	61	Pip
56	IV	Dolce Cornet (12-15-17-19).....	244	Pip
57	16	Posaune (Unit - 24 offset).....	73	Pip
58	16	Vox Humana.....	73	Pip
59	8	Cornopean.....	73	Pip
60	8	French Trumpet.....	73	Pip
61	8	Oboe.....	73	Pip
62	8	Corno di Bassetto.....	73	Pip
63	8	Vox Humana F.....	73	Pip
64	8	Vox Humana P.....	73	Pip
65	4	Clarion.....	73	Pip
66		Tremolo.....		
67		Chimes.....from #174.....	34	Not
68	8	Harp.....from #175.....	73	Not
69	4	Harp.....from #175.....	61	Not
70		Celesta.....from #176.....	49	Not
71		Fanfare to Swell.....		
72		String to Swell.....		
73		Percussion to Swell.....		

16
60
4CHOIR ORGAN (Enclosed) 23

8" wind pressure thruout

74	16	Contra Gamba (Unit - 12 offset).....	73	Pip
75	8	Open Diapason (12 offset).....	73	Pip
76	8	English Diapason (12 offset).....	73	Pip
77	8	Geigen Principal (12 offset).....	73	Pip
78	8	Hohlflöte (12 offset).....	73	Pip
79	8	Viola.....	73	Pip
80	8	Nachthorn (12 offset).....	73	Pip

CHOIR ORGAN (Enclosed) (cont'd)

81	8	Spitzflöte.....	73	Pipes
82	8	Quintadena.....	73	Pipes
83	8	Dulciana.....	73	Pipes
84	4	Principal.....	73	Pipes
85	4	Flute Triangulaire.....	73	Pipes
86	2-2/3	Nazard.....	61	Pipes
87	2	Piccolo.....	61	Pipes
88	1-3/8	Tierce.....	61	Pipes
89	1-1/7	Septieme.....	61	Pipes
90	III	Mixture.....from #86, 87 & 88.....	61	Notes
91	16	Fagotto (Unit - 12 offset).....	73	Pipes
92	16	Holzregal (12 offset)...new pipes, present action.....	73	Pipes
93	8	Orchestral Trumpet.....	73	Pipes
94	8	Corno d'Amour.....	73	Pipes
95	8	Musette.....	73	Pipes
96	4	Oboe Clarion (present Hautbois d'Amour).....	73	Pipes
97	4	Rohrschalmel.....new pipes, present action.....	73	Pipes
98		Tremolo		
99		Chimes.....from #174.....	34	Notes
100	8	Harp.....from #175.....	73	Notes
101	4	Harp.....from #175.....	61	Notes
102		Celesta.....from #176.....	49	Notes
103		Fanfare to Choir		
104		String to Choir		
105		Percussion to Choir		

16
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tSOLO ORGAN (Enclosed) 24

15" wind pressure except stops #121, 123, 130 20" & stop #122 30"

106	8	Stentorphone (14 offset).....	73	Pipes
107	8	Open Diapason (12 offset).....	73	Pipes
108	8	Tibia Plena (12 offset).....	73	Pipes
109	8	Philomela (12 offset).....	73	Pipes
110	8	Doppel Flute (12 offset).....	73	Pipes
111	8	Gross Camba.....	73	Pipes
112	8	Camba Celeste.....	73	Pipes
113	4	Octave.....	73	Pipes
114	4	Orchestral Flute.....	73	Pipes
115	2-2/3	Twelfth.....	61	Pipes
116	2	Fifteenth.....	61	Pipes
117	1-1/3	Nineteenth.....	61	Pipes
118	1	Twenty-second.....	61	Pipes
119	2/3	Twenty-sixth.....	61	Pipes
120	V	Mixture.....from #115, 116, 117, 118, & 119.....	61	Notes
121	16	Tuba Profunda (Unit - 12 offset).....	73	Pipes
122	8	Tuba Mirabilis (Unit).....	73	Pipes
123	8	Tuba Sonora.....	73	Pipes
124	8	French Horn (12 offset).....	73	Pipes
125	8	English Horn.....	73	Pipes
126	8	Bell Clarinet.....	73	Pipes
127	8	Orchestral Oboe.....	73	Pipes
128	8	Kinura.....	73	Pipes

SOLO ORGAN (Enclosed) (cont'd)

129	8	Solo Vox Humana.....	73	Pipes
130	4	Tuba Clarion.....	73	Pipes
131		Tremolo		
132		Chimes.....from #174.....	34	Notes
133	8	Harp.....from #175.....	73	Notes
134	4	Harp.....from #175.....	61	Notes
135		Celesta.....from #176.....	49	Notes
136		Fanfare to Solo		
137		String to Solo		
138		Percussion to Solo		

16
100
4

FANFARE ORGAN

4

25" wind pressure thruout

(Floating on all manuals & enclosed in its own expression box)

139	8	Trumpet Harmonique.....	73	Pipes
140	8	Trumpet Militaire.....	73	Pipes
141	8	Post Horn.....	73	Pipes
142	4	Trumpet.....	73	Pipes
143		Tremolo		
144		Fanfare 16		
145		Fanfare Unison Off		
146		Fanfare 4		

(*) Effective thru Couplers 27, 71, 103 and 136

STRING ORGAN

20

8" wind pressure thruout

(Floating on all manuals & enclosed in its own expression box)

147	16	Contrabasse (32 offset).....	73	Pipes
148	16	Contra Salicional (32 offset).....	73	Pipes
149	8	Viole d'Orchestre.....	73	Pipes
150	8	Viole Celeste.....	73	Pipes
151	8	Violoncello.....	73	Pipes
152	8	Violoncello Celeste.....	73	Pipes
153	8	Viola d'Amore.....	73	Pipes
154	8	Viola d'Amore Celeste.....	73	Pipes
155	8	Violino Sordo.....	73	Pipes
156	8	Violino Celeste.....	73	Pipes
157	8	Salicional.....	73	Pipes
158	8	Voix Celeste.....	73	Pipes
159	8	Viola di Gamba.....	73	Pipes
160	8	Viola di Gamba Celeste.....	73	Pipes
161	8	Viola Sorda.....	73	Pipes
162	8	Viola Celeste.....	73	Pipes
163	4	Violina.....	73	Pipes

STRING ORGAN (cont'd)
8" wind pressure thruout

164	4	Salicet.....	73	Pipes
165	4	Gambetta.....	73	Pipes
166	8	Vox Humana.....	73	Pipes
167		Tremolo		
168	16	Piano.....	85	Strings
169	8	Piano.....from #168.....	81	Notes
170	4	Piano.....from #168.....	81	Notes
* 171		String 16		
* 172		String Unison Off		
* 173		String 4		

(*) Effective thru Couplers 28, 72, 104 & 137

PERCUSSION ORGAN
15" wind pressure

(Floating on all manuals & enclosed in its own expression box)

First Subdivision

* 174	Chimes.....Deagan Special C to A...#13 to #46.....	34	Tubes
175	Orchestral Harp.....	134	Bars
176	Celesta.....	49	Bars

These three preceding stops to be individually independent of the following Second Subdivision but enclosed in the same expression box. Stop controls not to be included with Percussion Organ. Numbers and data are shown for borrow reference only. Provide with dampers & releases.)

Second Subdivision

177	8	Glockenspiel (Single Stroke).....	49	Bars
178	8	Glockenspiel (Repeat Stroke).....from #177.....	49	Notes
179	8	Celestial Harp.....	49	Bars
180	8	Celestial Harp Vibrato.....from #179.....	49	Notes
181	8	Xylophone TC.....	49	Bars
182	4	Xylophone.....from #181.....	49	Notes

Traps

* 183	Bass Drum (playable from Pedals)		
184	Snare Drum (Tap) (playable from Choir manual)		
185	Snare Drum (Roll) (playable from Choir manual)		
* 186	Snare Drum (Roll) (playable from Pedals)		
* 187	Tympany (Tap) (playable from Pedals)		
* 188	Tympany (Roll) (playable from Pedals)		
189	Triangle (playable from Choir manual)		

PERCUSSION ORGANTraps (cont'd)

190	Castinets (playable from Choir manual)
191	Oriental Gong (playable from double touch toe stud only. First touch crash - Second touch roll)
192	Cymbals (playable from Pedals)
193	Tambourine (playable from Choir manual)
194	Tom Tom (playable from Choir manual)

(*) Playable from Pedals either first or second touch
thru two reversible pistons with indicator lights
(blue jewels)

PEDAL ORGAN 12

8" wind pressure except stop #217 25"

195	64	Cravissima (Resultant)..from #196 & 197.....	32	Notes
196	32	Double Open Diapason.....	56	Pipes
197	32	Contra Bourdon.....	56	Pipes
198	32	Contra Violone.....	56	Pipes
199	16	First Open Diapason.....from #196.....	32	Notes
200	16	Second Open Diapason.....	32	Pipes
201	16	Diapason Phoenon.....	32	Pipes
202	16	First Bourdon.....from #197.....	32	Notes
203	16	Second Bourdon.....	56	Pipes
204	16	Violone.....from #198.....	32	Notes
205	16	Diapason.....from #1.....	32	Notes
206	16	Viola Diapason.....from #30.....	32	Notes
207	16	Melodia.....from #31.....	32	Notes
208	16	Gamba.....from #74.....	32	Notes
209	16	Salicional.....from #148.....	32	Notes
210	10-2/3	Quint.....from #203.....	32	Notes
211	8	Octave.....from #196.....	32	Notes
212	8	Flute.....from #197.....	32	Notes
213	8	Gedeckt.....from #203.....	32	Notes
214	8	Cello.....from #198.....	32	Notes
215	4	Super Octave.....from #203.....	32	Notes
216	V	Mixture (12-15-17-19-22).....	160	Pipes
217	32	Contra Bombarde.....	60	Pipes
218	32	Contra Fagotte.....12 pipes, 20 from #91.....	32	Notes
219	16	Bombarde.....from #217.....	32	Notes
220	16	Tuba Profunda.....from #121.....	32	Notes
221	16	Double Trumpet.....from #19.....	32	Notes
222	16	Posaune.....from #57.....	32	Notes
223	16	Fagotte.....from #91.....	32	Notes
224	8	Tromba.....from #217.....	32	Notes
225	4	Clarion.....from #217.....	32	Notes
226	16	Piano.....from #168.....	32	Notes
227	8	Piano.....from #168.....	32	Notes
228	4	Piano.....from #168.....	32	Notes
229		Chimes.....from #174.....	32	Notes

Octave
Divide

COUPLERS

(Switches in console except Couplers 238, 239, 240, 241, 242, 243, & 244)

230	Great to Pedal	257	Solo to Swell 16
231	Great to Pedal 4	258	Solo to Swell
232	Swell to Pedal	259	Solo to Swell 4
233	Swell to Pedal 4	260	Choir to Swell 16
234	Choir to Pedal	261	Choir to Swell
235	Choir to Pedal 4	262	Choir to Swell 4
236	Solo to Pedal	263	Swell 16
237	Solo to Pedal 4	264	Swell Unison Off
238	Fanfare to Pedal	265	Swell 4
239	Fanfare to Pedal 4	266	Solo to Choir 16
240	String to Pedal	267	Solo to Choir
241	String to Pedal 4	268	Solo to Choir 4
242	Percussion to Pedal 4	269	Swell to Choir 16
243	Pedal Octave (4)	270	Swell to Choir
244	Pedal Divide	271	Swell to Choir 4
245	Swell to Great 16	272	Choir 16
246	Swell to Great	273	Choir Unison Off
247	Swell to Great 4	274	Choir 4
248	Choir to Great 16	275	Swell to Solo 16
249	Choir to Great	276	Swell to Solo
250	Choir to Great 4	277	Swell to Solo 4
251	Solo to Great 16	278	Choir to Solo 16
252	Solo to Great	279	Choir to Solo
253	Solo to Great 4	280	Choir to Solo 4
254	Great 16	281	Solo 16
255	Great Unison Off	282	Solo Unison Off
256	Great 4	283	Solo 4

ADJUSTABLE COMBINATIONS

(By Remote Control Combination Action)

Pistons No. 1-2-3-4-5-6-7-8-0
Pistons No. 1-2-3-4-5-6-7-8-0
Pistons No. 1-2-3-4-5-6-7-8-0
Pistons No. 1-2-3-4-5-6-7-8-0
Pistons No. 1-2-3-4-5-0
Pistons No. 1-2-3-4-5-6-7-8-0
Pistons No. 1-2-3-4-5-6-7-8-0

Affecting Great Stops

Affecting Swell Stops

Affecting Choir Stops [INCLUDING STOPS #184, 185, 187, 193 & 194]

Affecting Solo Stops

Affecting Fanfare Stops

Affecting String Stops

Affecting Pedal Stops (duplicated by too stud except 0) [INCLUDING STOPS #187, 188, 192 & 229]

Pistons No. 1-2-3-4-0

Affecting Inter-Manual Couplers

Pistons No. 1-2-3-4-5-6-7-8-9-10-11-12

Affecting Full Organ (duplicated by too stud)

General Cancel Piston (red piston)

[INCLUDING PERCUSSION STOPS #177 TO #194 INC. EXCEPT 5]

Combination Setter Button

[INCLUDING PERCUSSION STOPS #177 TO #194 INC. EXCEPT STOP #191]

Combination Lock

(*) Corresponding Pedal combinations to manual pistons on second touch.
On-Off jamb switches to cutout second touch.

REVERSIBLES

- 1 - Great to Pedal Reversible by toe stud and manual piston.
- 2 - Swell to Pedal Reversible by toe stud and manual piston.
- 3 - Choir to Pedal Reversible by toe stud and manual piston.
- 4 - Solo to Pedal Reversible by toe stud and manual piston.
- 5 - Fanfare to Pedal Reversible by toe stud.
- 6 - String to Pedal Reversible by toe stud.
- 7 - Sub Coupler Reversibles (4) one under each manual by piston (red pistons).
- 8 - Super Coupler Reversibles (4) one under each manual by piston (red pistons).
- 9 - Solo Tremolo Reversible by jamb piston.
- 10 - Swell Tremolo Reversible by jamb piston.
- 11 - Great Tremolo Reversible by jamb piston.
- 12 - Choir Tremolo Reversible by jamb piston.
- 13 - 32 Stops Off Reversible by manual piston with indicator light (amber jewel).
- * 14 - 32 Double Open Diapason Reversible by manual piston only.
- * 15 - 32 Contra Violone Reversible by manual piston only.
- * 16 - 32 Contra Fagotto Reversible by manual piston only.
- * 17 - 32 Contra Bourdon Reversible by toe lever only.
- * 18 - 32 Contra Bombarde Reversible by toe lever only.
- 19 - 16 Stops Off Reversible by manual piston with indicator light (amber jewel).
- 20 - Tremolos Off Reversible by manual piston with indicator light (amber jewel).
- 21 - Sforzando I Reversible by toe lever & manual piston (red piston) with indicator light (red jewel).
- 22 - Sforzando II Reversible by toe lever & manual piston (red piston) with indicator light (red jewel).
- 23 - Chime Dampers Off Reversible by toe lever with indicator light (blue jewel).

(*) Affects movement of draw-knobs

EXPRESSION

Selective Expression mechanism for seven expression chambers. Each expression chamber to be provided with three indicator lights. Color of jewels to be selected for conspicuous indication.

- Balanced Expression Pedal I WITH SIDE LEVER CONTROL FOR P EFFECT ON ALL PITCH
 Balanced Expression Pedal II THE VARIOUS HARPS AND PIANO.
 Balanced Expression Pedal III
 Balanced Expression Pedal IV
 Balanced Expression Pedal V
 All Swells to Expression Pedal IV by toe lever and manual piston with indicator light (white jewel).

CRESCENDO

Crescendo to be controlled by seven "On-Off" pistons to operate from one Crescendo Pedal, with indicator light (green jewel), as follows -

On-Off Piston	I	Strings
On-Off Piston	II	Flutes
On-Off Piston	III	Diapasons
On-Off Piston	IV	Reeds
On-Off Piston	V	Pedals
On-Off Piston	VI	Couplers
On-Off Piston	VII	Grand (Operates six above switches simultaneously)

Present selective mechanism located in relay room to be used to operate from new

WIND CUT-OFFS

Toggle switches located in drawer under right console check.

SOLO

SOLO

SWELL

GREAT

Low Pressure

Tuba Mirabilis

Chorus Reeds

Low Pressure I CH

SOLO

SWELL

GREAT

GREAT

Chorus Reeds

Low Pressure

First Open Diapason

Low Pressure II

FANFARE

STRING

PERCUSSION

RIGHT PEDAL

LEFT PEDAL

PEDAL BOMBARDE

ACCESSORIES

Concave and radiating pedal keyboard

Adjustable organ bench

Music rack

Fluorescent music rack light

Lumiline pedal light

Electric clock

Electronome

Push button station for blowers

PLATFORM FOR CONSOLE

12/23/57

HDO/mb