

2112
Specifications for Special Series 80-12 + Celeste Organ
GENERAL

(1) ORGAN

Cabinet	Silvite
Wood & Finish	Rift Sawn Oak - M-4150-2
Action	Electro-Pneumatic (unit type)
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70 degrees F.

(2) CONSOLE

Cabinet	No Rolltop - Movable - 80-8U
Wood & Finish	Rift Sawn Oak - M-4150-2
Manuals	Two and Pedal
Manual Compass	CC to C4, 61 notes-bone/walnut-tracker touch
Pedal Compass	CCC to G, 32 notes
Stop Controls	Maple tilting Tablets
Action	All electric with under-key contacts

(3) BLOWER (detached)

Type	Ventus 8775.10 - .75 HP - 3360 RPM
Wind	440 CFM @ 4" - 6" outlet
Current Specification	1 Phase, 60 Cycles, 120 Volts, 4.6 Amperes
Overall Size	1'-5 3/4" wide x 1-9 1/2" long x 1'-7 1/2" high

(4) POWER UNIT (mounted on rear of Swell organ cabinet)

Rating	DC output - 11-15 Volts - 35 Amperes
AC Input	1 Phase, 60 Cycles, 120 Volts, 7.5 Amperes
Overall Size	9" wide x 10-1/2" deep x 5" high

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CONSOLE AND ORGAN

GREAT ORGAN 7

1.	8	Principal.....	85 pipes
2.	8	Holzgedeckt.....	73 pipes
3.	8	Gemshorn.....(from #13).....	61 notes
4.	4	Octave.....(from #1).....	61 notes
5.	4	Stopped Flute.....(from #2).....	61 notes
6.	2	Super Octave..(from #1).....	61 notes
7.	III-IV	Mixture.....	224 pipes
8.	8	Trompette.....(from #21).....	61 notes
9.	8	Cromorne.....	61 pipes
10.		Chimes.....prepared for in console only	
11.		Tremulant	

SWELL ORGAN^s

12.	8	Rohrflote.....	85	pipes
13.	8	Gemshorn.....	80	pipes
14.	8	Gemshorn Celeste TC.....	49	pipes
15.	4	Principal.....	61	pipes
16.	4	Spitzflote....(from #13).....	61	notes
17.	2-2/3	Nazard.....(from #12).....	61	notes
18.	2	Blockflote....(from #12).....	61	notes
19.	1-3/5	Tierce.....(from #13) (repeat top notes)...	61	notes
20.	1-1/3	Larigot.....(from #13 (repeat top notes)...	61	notes
21.	16	Contre Trompette.....	85	pipes
22.	8	Trompette.....(from #21).....	61	notes
23.	4	Clairon.....(from #21).....	61	notes
24.		Tremulant		

PEDAL ORGAN

25.	32	Untersatz.....(from #2 & #27).....	32	notes
26.	16	Principal.....(12 pipes, 20 from #1).....	32	notes
27.	16	Subbass.....(12 pipes, 20 from #2).....	32	notes
28.	8	Principal.....(from #1).....	32	notes
29.	8	Rohrflote.....(from #12).....	32	notes
30.	4	Octave.....(from #4).....	32	notes
31.	32	Cornet III.....(from #12 & #21).....	32	notes
32.	16	Contre Trompette.(from #21).....	32	notes
33.	4	Cromorne.....(from #9).....	32	notes

COUPLERS

34.	Great to Pedal
35.	Swell to Pedal
36.	Swell to Great
37.	Swell 4'

ADJUSTABLE COMBINATIONS

Solid State - Single Memory

Pistons No. 1-2-3-4-5-6-7-8 Affecting Full Organ
 General Cancel
 Setter Piston

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (8 contacts, make to close)
 Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

Concave, radiating pedal clavier

Organ bench with music shelf

Transparent music rack

Motor and power unit on-off switch (lock type) with indicator light (amber jewel) and related electric wiring

IGL/lf

8-14-90

PIPE ANALYSIS

STOP	CODE	PITCH	PIPES	SCALE	HALVING	MOUTH	REMARKS	W.P.
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GREAT ORGAN - Unenclosed

Principal	1RB	8	85	43	17	1/4 12	Zinc SM 3-1/2"	
							1-5 exposed 4-1/2"	
Holzgedeckt	1QC	8	73	#1-61 Spec. Man. Bourdon			Wood	
				#62-73 open S.M. Trebles			#1-16	4-1/2"
							#17 up	3-1/2"
Mixture	1NV	III-IV	224	See Formula				
Cromorne	1Q3	8	61	1-5/8 Dulzian lift lid			B(F)esch 3-1/2"	
							CM	

SWELL ORGAN - Enclosed

Rohrflöte	3RG	8	85	#1-44	56	21	2/9	1-12 Wood	
								Art. Tapered	
								13-44 No. 2 OS Chimneys	
				Blockflöte from #45	88-2/3	sc.			
					18	2/9	SM	3-1/2"	
Principal	3ZE	4	61	60	17-1/2	1/4	SM	3-1/2"	
Gemshorn	3ER	8	80	CC 56	19	2/9	12 Zinc SM		
				C 68-1/2	19	2/9			
				#56 98	17	1/6		3-1/2"	
Gemshorn	3ES	8	49	CC 56-1/2	19	2/9	SM	3-1/2"	
Celeste TC									
Contre									
Trompette	3B9	16	85	3" CCC to FF 1/2 length			C(F) Esch.		
				FF# up full length			Zinc & SM 3-1/2"		

PEDAL ORGAN

Subbass	9DF	16	12	Spec. Man. Bourdon	
Principal	9CT	16	12	31 17-1/2	1-12 Exposed

GREAT III-IV MIXTURE FORMULA

	19	15	12	8	1
	22	19	15	12	8
	26	22	19	15	12
		26	22	19	15
	1-20	21-32	33-44	45-48	49-61
Unison	48	Sc. @ 8'	17-1/2	1/4 mouth	SM
Quint	48	Sc. @ 8'	17'1/2	1/4 mouth	SM