

File

AR SERIES ARTISTE ORGANS
EARMARK FOR
#10797 CHRIST LUTHERAN CHURCH, BURBANK, CALIFORNIA
2/8
SPECIFICATIONS OF SERIES 70-7A ARTISTE ORGAN

GENERAL

(1) ORGAN

Cabinets	Unit I & II Standard Series 70 Model
Wood & Finish	Rift Sawn Oak to Color Block #M-4150-2
Action	Electro-Pneumatic (unit type)
Wind Pressure	Offsets 4-1/2"; Trebles 3-1/2"
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard Series 70 design with roll top
Wood & Finish	Rift Sawn Oak to Color Block #M-4150-2
Manuals	Two and Pedal
Manual Compass	CC to C4, 61 notes
Pedal Compass	CCC to G, 32 notes
Stop Controls	Tilting Tablets
Action	All Electric

(3) BLOWERS (2 required, mounted within organ cabinets)

Type	Two (2) Meidinger Style 1002 - .4 HP - 3360 RPM
Rating	280 cfm @ 4" - 4" Outlet
Current Specifications	1 Ph - 60 Cy - 110 Volts - 4.4 Amperes
Overall Size	1'-6" x 1' - 5-5/8" x 1'-8" high
Blower Enclosure	2 Standard Series 70 enclosures required

(4) POWER UNIT (Mounted within Great Organ cabinet)

Type	Durst DC Organ Power Unit (all voltage)
Rating	DC Output: 10 to 15 Volts - 30 Amperes
Current Specifications	AC Input: 1 Ph - 60 Cy - 110 Volts - 6 Amperes
Overall Size	17" long x 11" wide x 7" high

CONSOLE AND ORGAN

GREAT ORGAN

1	16	Bourdon.....	92 pipes
2	8	Principal.....	80 pipes
3	8	Gedeckt.....from #1.....	61 notes
4	8	Gemshorn.....from #13.....	61 notes
5	4	Octav.....from #2.....	61 notes
6	4	Gedeckt.....from #1.....	61 notes
7	2	Super Octavfrom #2...(repeat 5 top notes).....	61 notes
8	2	Flute.....from #1...(repeat 5 top notes).....	61 notes
9	II	Mixture.....	122 pipes
10		Chimes.....(prepared for in console only).....	25 notes
11		Tremolo	

Mayland tubes, electric actions, relays, transformer, volume control
volume control relay. Compass A- #22 to F- #42 - 21 tubes

SWELL ORGAN

12	8	Rohrflöte.....	73 pipes
13	8	Gemshorn.....	80 pipes
14	4	Spitzprincipal.....	73 pipes
15	4	Rohrflöte.....from #12.....	61 notes
16	2	Spitzoctav.....from #14.....	61 notes
17	1-1/3	Larigot.....from #13..(repeat 12 top notes).....	61 notes
18	16	Contre Trompette.....	80 pipes
19	8	Trompette.....from #18.....	61 notes
20	4	Clarion.....from #18..(repeat 5 top notes).....	61 notes
21		Tremolo	

PEDAL ORGAN

22	16	Bourdon.....from #1.....	32 notes
23	8	Principal.....from #2.....	32 notes
24	8	Gedeckt.....from #1.....	32 notes
25	8	Gemshorn.....from #13.....	32 notes
26	4	Octav.....from #2.....	32 notes
27	4	Rohrflöte.....from #12.....	32 notes
28	III	Mixture.....from #7 and #9.....	32 notes
29	16	Contre Trompette..from #18.....	32 notes
30	8	Trompette.....from #18.....	32 notes
31	4	Clarion.....from #18.....	32 notes

COUPLERS

32 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

- 1 - Balanced Expression Pedal - Great Organ
- 2 - Balanced Expression Pedal - Swell Organ
- 3 - Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

Motors and power unit on-off switch (lock type) with indicator light (red jewel) and related electrical wiring.

Concave and radiating pedal keyboard
Organ bench with music shelf

Music rack light
Pedal light

PIPE ANALYSIS

<u>STOP</u>	<u>PITCH</u>	<u>PIPES</u>	<u>SCALE</u>	<u>HALVING</u>	<u>MOUTH</u>	<u>METAL</u>	<u>WIND PRESSURE</u>
<u>GREAT ORGAN</u>							
Bourdon	16	92	CCC to BBB Regular Manual Bourdon Wood				) 1-16 4-1/2"
			CC to BB Regular Artiste Tapered Bass Wood				) 17 up 3-1/2"
			TC up Regular Artiste Trebles				)
Principal	8	80	CC 52	TC 60	18-1/2	1/4 12 Zinc S.M.	) 1-14 4-1/2"
							) 15 up 3-1/2"
Mixture	II	122	See Formula Below				S.M.) 3-1/2"

SWELL ORGAN

Rohrflöte	8	73	56	21-1/2	2/9	Sm O.S. Chimneys	) 1-4 4-1/2"
						S.M.	) 5 up 3-1/2"
Genshorn	8	80	CC 54-1/3	17-1/2	2/9	12 Zinc S.M.	) 1-12 4-1/2"
		#56	102-2/3	20-1/2	2/9		) 13 up 3-1/2"
Spitzprincipal	4	73	60-3/4	18-1/2	1/4	Zinc S.M.	) 1 & 2 4-1/2"
							) 3 up 3-1/2"
Contre Trompette	16	80	2-1/2"	CCC to FF half length			) 1-12 4-1/2"
				FF# up full length			) 13 up 3-1/2"
				D(F) Eschallots Zinc S.M.			)

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GREAT II MIXTURE FORMULA

19	15	12
22	19	15
1-49	50-56	57-61

Unison	48 Sc.	17-1/2	1/4 mouth	S.M.
Quint	49 Sc.	17-1/2	1/4 mouth	S.M.

6/25/71
RHM/ar