

AR SERIES ORGAN

EARMARK FOR

#11707 - THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS, LAS VEGAS, NEVADA
SPECIFICATIONS FOR SERIES 80-12 + CELESTE ORGAN
TO BE COMPLETED - AUGUST 1, 1986

2/13

GENERAL

(1) ORGAN

Cabinets	Great - Exposed, provide enclosure
	Swell - Silvite Cabinet, Paint Charcoal Brown,
	Chamber installation, layout will be supplied
Wood & Finish	Great - Rift Sawn Oak, M-4150-2
Action	Electro-Pneumatic (unit type)
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard Design with roll top
Wood & Finish	Rift Sawn Oak, 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 with under-key contacts

(3) BLOWER (located in Blower Room)

Type	Style 2-P-2116 - 1/2 H.P. - 1750 RPM
Wind	420 c.f.m. @ 3-1/2" - 6" outlet
Current Specification	1 Phase - 60 Cycles - Volts - Amperes
Overall Size	2' - 5-3/4" x 1' - 10 3/8" x 2' - 3-1/4" high

(4) POWER UNIT (Mounted in Swell Organ cabinet)

Rating	DC Output: 10-15 Volts, 30 Amperes
AC Input	1 Phase - 60 Cycles - 120 Volts - 10 Amperes
Overall Size	16-3/4" long x 11" wide x 7-1/4" high

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CONSOLE AND ORGANGREAT ORGAN (Exposed)

1	16	Bourdon -----	92 pipes
2	8	Principal -----	80 pipes
3	8	Gedeckt ----- from #1 -----	61 notes
4	8	Gemshorn ----- from #14 -----	61 notes
5	4	Octave ----- from #2 -----	61 notes
6	4	Gedeckt ----- from #1 -----	61 notes
7	2	Super Octave ----- from #2 --- (repeat 5 top notes) -----	61 notes
8	2	Flute ----- from #1 --- (repeat 5 top notes) -----	61 notes
9	II Rks.	Sesquialtera TC -----	98 pipes
10	III-IV Rks.	Mixture -----	208 pipes
11		Blank	
12		Tremolo	

SWELL ORGAN (Enclosed)

13	8	Rohrflöte-----	73 pipes
14	8	Gemshorn -----	80 pipes
15	8	Gemshorn Celeste TC -----	49 pipes
16	4	Spitzprincipal-----	73 pipes
17	4	Rohrflöte -----from #13 -----	61 notes
18	2	Spitzoctave -----from #16 -----	61 notes
19	1-1/3	Larigot -----from #14---(repeat top octave)-----	61 notes
20	1	Klein Octave -----from #16---(repeat top octave)-----	61 notes
21	16	Contre Trompette -----	80 pipes
22	8	Trompette -----from #21 -----	61 notes
23	4	Clairon -----from #21---(repeat 5 top notes) -----	61 notes
24		Tremolo	

PEDAL ORGAN

25	16	Bourdon -----from #1 -----	32 notes
26	8	Principal -----from #2-----	32 notes
27	8	Rohrflöte -----from #13 -----	32 notes
28	4	Octave-----from #2 -----	32 notes
29	4	Gedeckt -----from #1 -----	32 notes
30	III Rks.	Mixture -----from #10-----	32 notes
31	16	Contre Trompette ---from #21-----	32 notes
32	4	Clairon -----from #21-----	32 notes

COUPLERS

33	Great to Pedal
34	Swell to Pedal
35	Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

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 with light

Pedal light

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

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	REMARKS	WIND PRESS
<u>GREAT ORGAN</u>							
Bourdon	16	92	CCC to BBB Reg. CC 56	Man. Bourdon 21-1/2	2/9	Wood 17 Zinc CM	3-1/2
Principal	8	80	45	17-1/2	1/4	21 Zinc SM	3-1/2
Mixture	III-IV	208	See Formula Below				
Sesquialtera	II	98	See Formula Below				
<u>SWELL ORGAN</u>							
Rohrflöte	8	73	56	21-1/2	2/9	18 Zinc CM Sm I.S. Chimneys #19-62 Pull in 8 scales between #62 & 73	3-1/2
Gemshorn	8	80	CC 56 C 68-1/2 #56 98	19-1/2 19-1/2 17-1/2	2/9 2/9 1/6	17 Zinc SM	3-1/2
Gemshorn Celeste TC	8	49	56-1/2 @ CC	19-1/2	2/9	5 Zinc SM	3-1/2
Spitzprincipal	4	73	60-2/3	18-1/2	1/4	7 Zinc CM	3-1/2
Contre Trompette	16	80	3" CCC to FF half length FF# up full length			D(F) Eschallots Zinc & SM	3-1/2

GREAT III-IV MIXTURE FORMULA

22	19	15	12	12	12	12
26	22	19	15	15	15	15
29	26	22	19	19		
	29	26	22			
1-17 12	18-29 13-18	30-36 19-30	37-49 31-49	50-54	55-61 55-61	57-61
Unison 47 Sc.	17-1/2	1/4 mouth	SM			
Quint 49 Sc.	17-1/2	1/4 mouth	SM			

GREAT II SESQUIALTERA TC FORMULA

		12	10
		17	12
		13-56	57-61
2-2/3	74 Sc. @ #13	17-1/2	2/9 mouth SM (Pull in 6 scale between #50-61)
1-3/5	82 Sc. @ #13	17-1/2	1/5 mouth SM (Pull in 6 scale between #45-56, break at #5

AEN/mr
11/5/85