

AR SERIES ORGAN
EARMARK FOR
11614 - ST. PAUL'S EPISCOPAL CHURCH, BATESVILLE, ARKANSAS
SPECIFICATIONS FOR A SERIES 80-10 (+ Celeste) Organ
TO BE COMPLETED: March 13, 1983

2/12

GENERAL

(1) ORGAN

Great Organ	Exposed - provide supplemental paneling
Swell Organ	Standard design - without grille
	Layout will be supplied
Wood & Finish -	
Great Organ	Rift Sawn Oak to customer's sample
Swell Organ	Silvite - Charcoal brown
Action	Electro-Pneumatic (unit type)
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard Design
Wood & Finish	Rift Sawn Oak to customer's sample
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 for stops and couplers.

(3) BLOWER (located in blower room)

Type	2-P-2118 - 3/4 HP - 1750 RPM - 8" outlet
Wind	460 c.f.m. @ 3-1/2"
Current Specification	3 Ph - 60 Cy - 230 ²⁰⁸ Volts - 2.6 Amperes
Overall Size	2' - 9 3/4" x 1' - 10 3/8" x 2'-6" high

(4) POWER UNIT (located near Organ)

Rating	DC Output - 10-15 Volts, 30 Amperes
Current Specification	1 Ph - 60 Cy - 120 Volts - 10 Amperes
Overall Size	14-1/2" x 10-3/4" x 7" high

GREAT ORGAN (Exposed)

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	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	III-IV	Mixture-----	208 pipes
10		Chimes-----	(prepared for in console only)
11		Tremolo	

SWELL ORGAN (Enclosed)

12	8	Rohrflöte-----	73 pipes
13	8	Gemshorn -----	80 pipes
14	8	Gemshorn Celeste TC -----	49 pipes
15	4	Spitzprincipal-----	73 pipes
16	4	Rohrflöte -----from #12-----	61 notes
17	2	Spitzoctave-----from #15-----	61 notes
18	1-1/3	Larigot-----from #13--(repeat 12 top notes)-----	61 notes
19	1	Klein Oktave -----from #15--(repeat 12 top notes)-----	61 notes
20	16	Contre Trompette -----	80 pipes
21	8	Trompette -----from #20-----	61 notes
22	4	Clairon -----from #20--(repeat 5 top notes)-----	61 notes
23		Tremolo	

PEDAL ORGAN

24	16	Subbass----(present pipes and action relocated by installer)---	³⁰ 32 pipes
25	16	Bourdon -----from #1-----	32 notes
26	8	Principal-----from #2-----	32 notes
27	8	Rohrflöte-----from #12-----	32 notes
28	4	Octave -----from #2-----	32 notes
29	4	Gedeckt-----from #1 -----	32 notes
30	III	Mixture-----from #9 -----	32 notes
31	16	Contre Trompette-----from #20-----	32 notes
32	4	Clairon-----from #20-----	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

Motor and power unit on-off switch (key type) with indicator light (amber jewel)
 and related wiring.
 Concave and radiating pedal keyboard
 Organ bench with music shelf
 Music rack
 Music rack light
 Pedal light
Signal light (white jewel)

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
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GREAT ORGAN (Exposed)

Bourdon	16	92	CCC to CC 56	BBB Reg. Manual 21-1/2	Bourdon 2/9	Wood) 17 Zinc C.M.)	3-1/2"
Principal	8	80	45	17-1/2	1/4	19 Zinc S.M.	3-1/2"
Mixture	III-IV	208	See Formula Below				3-1/2"

SWELL ORGAN (Enclosed)

Rohrflote	8	73	56	21-1/2	2/9	Sm. O.S. Chimneys (19-62) 18 Zinc C.M.	3-1/2"
<i>Pull in 12 Scales between 6 8 x 8 0</i>							
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 S.M.	3-1/2"
Gemshorn Celeste TC	8	49	56-1/2 @ CC	19-1/2	2/9	5 Zinc S.M.	3-1/2"
Spitzprincipal	4	73	60-2/3	18-1/2	1/4	7 Zinc C.M.	3-1/2"
Contre Trompette	16	80	3" CCC to FF half length FF# up full length			D(F) Eschallots Zinc & S.M.	3-1/2"

PEDAL ORGAN

Subbass	16	³⁰ 22	Present Pilcher pipes				
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GREAT III-IV MIXTURE FORMULA

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

1/20/83