

AR SERIES ORGAN
 EARMARK FOR
 11597, LOUDON CUMBERLAND PRESBYTERIAN CHURCH, LOUDON, TENNESSEE
 SPECIFICATIONS OF A SERIES 80-4 (PLUS CELESTE) ORGAN
 TO BE COMPLETED: JULY 25, 1982

2/4

(1) ORGAN

Cabinet	Standard 70 Series Design (7' - 1-1/2" long)
Wood & Finish	Layout will be supplied
Action	Rift Sawn Oak to customer's sample
Wind Pressure	Electro-Pneumatic (unit type)
Pitch	See Pipe Analysis
	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard 80 Series 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 below organ cabinet)

Type	Style 2-P-1716 - 1/2 HP - 1750 RPM, 5" outlet
Rating	220 C.F.M. @ 4"
Current Specifications	1 Ph - 60 Cy - 120 Volts - 7.2 Amperes
Overall Size	2' - 3-1/2" x 1' - 8" x 2' - 1-1/8"

(4) POWER UNIT (located below organ cabinet)

Rating	DC Output: 10-15 Volts - 30 Amperes
Current Specifications	AC Input: 1 Ph - 60 Cy - 120 Volts - 10 Amperes
Overall Size	14-1/2" long x 10-3/4" wide x 7" high

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GREAT ORGAN

1	8	Principal-----#1-12 from #2, #3, #5-----	73 pipes
2	8	Rohrflöte-----	80 pipes
3	8	Genshorn -----	80 pipes
4	4	Octave-----from #1-----	61 notes
5	4	Rohrflöte -----from #2-----	61 notes
6	2	Super Octave-----from #1-----	61 notes
7		Chimes-----{prepared for}	

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SWELL ORGAN

8	8	Rohrflöte-----	from #2-----	61 notes
9	8	Gemshorn-----	from #3-----	61 notes
10	8	Gemshorn Celeste TC-----		49 pipes
11	4	Rohrflöte-----	from #2-----	61 notes
12	4	Gemshorn-----	from #3-----	61 notes
13	2	Rohrflöte-----	from #2--(repeat 5 top notes)-----	61 notes
14	1-1/3	Larigot-----	from #3--(repeat 12 top notes)-----	61 notes
15	1	Siffelöte-----	from #2--(repeat 12 top notes)-----	61 notes
16	8	Trompette-----		61 pipes
17	4	Clairon-----	from #16 (12 top notes from #1)-----	61 notes
18		Tremolo		

PEDAL ORGAN

19	16	Bourdon-----	12 pipes; 20 from #2-----	32 notes
20	8	Rohrflöte-----	from #2-----	32 notes
21	4	Principal-----	from #1-----	32 notes
22	4	Flute-----	from #2-----	32 notes
23	8	Trompette-----	from #16-----	32 notes
24	4	Clairon-----	from #16-----	32 notes

COUPLERS

25	Great to Pedal
26	Swell to Pedal
27	Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4
General Cancel

Affecting Full Organ

PEDAL MOVEMENTS

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

ACCESSORIES

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

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>
Principal	8 TC	73	60	18-1/2	1/4	7 Zinc S.M.	3-1/2"
Rohrflöte	8	80	CC to BB Reg. Art. Tapered Bass TC Reg. Artiste treble			Wood)1-4 Wood & S.M.)5 up	4-1/2" 3-1/2"
Genshorn	8	80	CC 56 C 66-1/2 #56 98	19-1/2 19-1/2 17-1/2	2/9 2/9 1/6	17 Zinc S.M.	)1-12 4-1/2" 13 up 3-1/2"
Genshorn Celeste	8 TC	49	56-1/2 @ 8 CC	19-1/2	2/9	5 Zinc S.M.	3-1/2"
Trompette	8	61	2-1/4" CC to FF half length FF# up full length			D(F) Eschallots Zinc & S.M.	3-1/2"
Bourdon	16	12	Reg. Manual Bourdon			Wood	4-1/2"

HWW/mr
 3/23/82
 Revised 3/29/82