

AR SERIES ORGANS
 EARMARK FOR
 #11404 MOUNTAIN BROOK BAPTIST CHURCH, BIRMINGHAM, ALABAMA
 SPECIFICATIONS OF A 5 RANK SERIES 70 ORGAN

2/5

GENERAL

(1) ORGAN (Chamber installation, no cabinet)

Action	Layout will be supplied
Wind Pressure	Electro-pneumatic (unit type)
Pitch	See Pipe Analysis
	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard design
Wood & Finish	Rift Sawn Oak to customer's sample
Manual	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) BLOWER (located in blower space)

Type	Meidinger 1004 - .8 HP - 3360 RPM - 6" outlet
Wind	320 c.f.m. @ 4"
Current Specifications	1 Ph - 60 Cy - 120 Volts - 7 Amperes
Overall Size	1' - 9-1/4" x 1' - 7-5/8" x 2' - 6-1/4" high

(4) POWER UNIT (located in console)

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

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GREAT ORGAN

1	8	Principal-----	85 pipes
2	8	Gedeckt -----	80 pipes
3	8	Gemshorn -----	80 pipes
4	4	Octav -----from #1-----	61 notes
5	4	Flöte -----from #2-----	61 notes
6	2	Super Octav -----from #1-----	61 notes
7	8	Trompette -----from #16-----	61 notes
8		Chimes -----(prepared for in console only)	

SWELL ORGAN

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

PEDAL ORGAN

19	16	Bordun-----12 pipes, 20 from #2 -----32 notes
20	8	Gedeckt-----from #2 -----32 notes
21	8	Gemshorn-----from #3 -----32 notes
22	4	Principal-----from #1 -----32 notes
23	4	Flöte -----from #2 -----32 notes
24	8	Trompette -----from #16 -----32 notes
25	4	Clairon -----from #16 -----32 notes

COUPLER

26 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

- 1 - Balanced Expression Pedal (8 contacts, make to close)
- 2 - 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
Adjustable bench blocks

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
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GREAT ORGAN

Gedeckt	8	80	CC to BB Reg. TC 68	Artiste 21-1/2	Tapered Bass 2/9	Wood 5 Zinc C.M.)	3-1/2"
Principal	8	85	CC 52 TC 60	18-1/2	1/4	17 Zinc S.M.	3-1/2"
Gemshorn	8	80	CC 56	19-1/2	2/9	)	
			C 66-1/2	19-1/2	2/9	)	3-1/2"
		#56 98		17-1/2	1/6	17 Zinc S.M.)	

SWELL ORGAN

Gemshorn 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			D(F) Eschallots	
			FF# up full length			Zinc & S.M.	3-1/2"

PEDAL ORGAN

Bordun	16	12	Regular Manual Bourdon			Wood	3-1/2"
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