

## SPECIFICATIONS FOR SPECIAL SERIES 80-4 + CELESTE ORGAN

215

GENERAL

(199)

## (1) ORGAN

|               |                                      |
|---------------|--------------------------------------|
| Cabinet       | Special                              |
| Wood & Finish | Rift Sawn Oak - to customer's sample |
| Action        | Electro-Pneumatic (unit type)        |
| Wind Pressure | See Pipe Analysis                    |
| Pitch         | A-440 @ 70 degrees F.                |

## (2) CONSOLE

|                |                                                     |
|----------------|-----------------------------------------------------|
| Cabinet        | Standard Design 80-U                                |
| Wood & Finish  | Rift Sawn Oak - to customer's sample                |
| Manuals        | Two and Pedal - tracker touch                       |
| Manual Compass | CC to C4, 61 notes - bone naturals & walnut sharps  |
| Pedal Compass  | CCC to G, 32 notes - maple naturals & walnut sharps |
| Stop Controls  | Tilting Tablets - maple                             |
| Action         | All electric with under-key contacts                |

## (3) BLOWER (mounted below organ cabinet)

|                       |                                                 |
|-----------------------|-------------------------------------------------|
| Type                  | Ventus 610812 - .45 HP - 3360 RPM               |
| Wind                  | 260 CFM @ 4" - 5" outlet                        |
| Current Specification | 1 Phase, 60 Cycles, 120 Volts, 4 Amperes        |
| Overall Size          | 1'-2 3/4" wide x 1'-6 1/8" long x 1'4 1/8" high |

## (4) POWER UNIT (mounted below organ cabinet)

|              |                                            |
|--------------|--------------------------------------------|
| Rating       | DC output - 11-15 Volts - 35 Amperes       |
| AC Input     | 1 Phase, 60 Cycles, 120 Volts, 7.5 Amperes |
| Overall Size | 9" wide x 10-1/2" deep x 5" high           |

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CONSOLE AND ORGANGREAT ORGAN

|    |       |                                                     |
|----|-------|-----------------------------------------------------|
| 1. | 8     | Principal....#1-12 from #10, #11, & #5.....73 pipes |
| 2. | 8     | Rohrflöte....from #10.....61 notes                  |
| 3. | 8     | Gemshorn....from #11.....61 notes                   |
| 4. | 8     | Gemshorn Celeste..from #12.....49 notes             |
| 5. | 4     | Octave.....from #1.....61 notes                     |
| 6. | 2     | Super Octave.from #1.....61 notes                   |
| 7. | 1-1/3 | Quint.....from #11...(repeat top octave)...61 notes |
| 8. | 1     | Cymbal.....from #1...(repeat top octave)...61 notes |
| 9. |       | Chimes.....Mayland tubes and electric action        |
|    |       | A to F - #22 to #42.....21 tubes                    |

SWELL ORGAN <sup>4</sup>

|     |       |                                             |          |
|-----|-------|---------------------------------------------|----------|
| 10. | 8     | Rohrflöte.....                              | 85 pipes |
| 11. | 8     | Gemshorn.....                               | 80 pipes |
| 12. | 8     | Gemshorn Celeste TC.....                    | 49 pipes |
| 13. | 4     | Spireflöte...from #11.....                  | 61 notes |
| 14. | 2-2/3 | Nazard.....from #10.....                    | 61 notes |
| 15. | 2     | Blockflöte...from #10.....                  | 61 notes |
| 16. | 1-3/5 | Tierce.....from #11 (repeat top notes)..... | 61 notes |
| 17. | 8     | Oboe.....                                   | 61 pipes |
| 18. |       | Tremolo                                     |          |

PEDAL ORGAN

|     |    |                            |                            |          |
|-----|----|----------------------------|----------------------------|----------|
| 19. | 16 | Subbass.....               | 12 pipes, 20 from #10..... | 32 notes |
| 20. | 8  | Rohrflöte....from #10..... |                            | 32 notes |
| 21. | 4  | Principal....from #1.....  |                            | 32 notes |

COUPLERS

|     |                  |
|-----|------------------|
| 22. | Great to Pedal   |
| 23. | Swell to Pedal   |
| 24. | Swell to Great   |
| 25. | Swell to Great 4 |
| 26. | Swell 16         |
| 27. | Swell 4          |

ADJUSTABLE COMBINATIONS

Solid State - Single Memory

Pistons No. 1-2-3-4 Affecting Full Organ  
General Cancel  
Combination Adjustor

PEDAL MOVEMENTS

Balanced Expression Pedal (8 contacts, make to open)  
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 electric wiring  
  
Organ platform by M. P. Moller, Inc.

PIPE ANALYSIS

| STOP | CODE | PITCH | PIPES | SCALE | HALVING | MOUTH | REMARKS | W |
|------|------|-------|-------|-------|---------|-------|---------|---|
|------|------|-------|-------|-------|---------|-------|---------|---|

GREAT ORGAN

|           |     |     |    |    |        |     |    |      |
|-----------|-----|-----|----|----|--------|-----|----|------|
| Principal | 1RB | 8TC | 73 | 57 | 17-1/2 | 1/4 | SM | 3-1, |
|-----------|-----|-----|----|----|--------|-----|----|------|

SWELL ORGAN

|             |     |   |    |                     |                                   |                 |               |                 |
|-------------|-----|---|----|---------------------|-----------------------------------|-----------------|---------------|-----------------|
| * Rohrflöte | 3RG | 8 | 85 | <del>CC to BB</del> | <del>Reg. Art. Tapered Bass</del> | <del>Wood</del> |               |                 |
|             |     |   |    | <del>TC 68</del>    | <del>21-1/2</del>                 | <del>2/9</del>  | <del>CM</del> | <del>3-1,</del> |

SEE BELOW

~~No. 2 OS Chimneys #19-62~~  
~~#63 up open S.M. Trebles~~

|          |     |   |          |          |        |     |            |      |
|----------|-----|---|----------|----------|--------|-----|------------|------|
| Gemshorn | 3ER | 8 | 80<br>73 | CC 56    | 19-1/2 | 2/9 | 12 Zinc SM |      |
|          |     |   |          | C 68-1/2 | 19-1/2 | 2/9 |            |      |
|          |     |   |          | #56 98   | 17-1/2 | 1/6 |            | 3-1, |

|                 |     |   |    |             |        |     |    |      |
|-----------------|-----|---|----|-------------|--------|-----|----|------|
| Gemshorn Cel TC | 3ES | 8 | 49 | 56-1/2 @ CC | 19-1/2 | 2/9 | SM | 3-1, |
|-----------------|-----|---|----|-------------|--------|-----|----|------|

|      |     |   |    |             |       |            |            |      |
|------|-----|---|----|-------------|-------|------------|------------|------|
| Oboe | 3S2 | 8 | 61 | 2-1/4"@ 8'C | #1-12 | 1/2 length |            | 3-1, |
|      |     |   |    | 2-1/4"@ 4'C |       |            | Zinc & SM  |      |
|      |     |   |    |             |       |            | C(F) Esch. |      |

PEDAL ORGAN

|         |     |    |    |                |  |  |      |      |
|---------|-----|----|----|----------------|--|--|------|------|
| Bourdon | 9BD | 16 | 12 | Reg. Man. Bdn. |  |  | Wood | 4-1, |
|---------|-----|----|----|----------------|--|--|------|------|

\* Rohrflöte

#1-12 RMB WOOD

#13 = 60 sc. 2 1/2 2/9 S.M. #13-18 flat caps

#19-44 #2 o.s. Chimneys

#45 up open

#45 = 88 3/4 sc. 18 1/2 2/9 S.M.