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M. P. MOLLER ORGAN FACTORY

11797 NORTH AMERICAN MARTYRS CHURCH, MONROEVILLE, PENNSYLVANIA

SPECIFICATIONS FOR SERIES 80-10 ORGAN PLUS CELESTE REVISED

To be completed November 1, 1989

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GENERAL

(1) ORGAN

|               |                                      |
|---------------|--------------------------------------|
| Cabinet       | Great Exposed - Paneling by others   |
|               | Swell - Special Design               |
| Wood & Finish | Rift Sawn Oak - To customer's sample |
| Action        | Electro-Mechanical (unit type)       |
| Wind Pressure | See Pipe Analysis                    |
| Pitch         | A-440 @ 70 degrees F.                |

(2) CONSOLE

|                |                                          |
|----------------|------------------------------------------|
| Cabinet        | Standard Design with Roll Top and Glides |
| Wood & Finish  | Rift Sawn Oak - To customer's sample     |
| Manuals        | Two and Pedal - Tracker Touch            |
| 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 (under Swell cabinet)

|                       |                                                  |
|-----------------------|--------------------------------------------------|
| Type                  | Ventus 611412 - .75 HP - 3360 RPM                |
| Wind                  | 400 CFM @ 4" - 6" outlet                         |
| Current Specification | 1 Phase 60 Cycles 120 Volts 4.6 Amperes          |
| Overall Size          | 1'-5 3/4" wide x 1'-9 1/2" long x 1'-7 1/2" high |

(4) POWER UNIT (mounted in organ)

|              |                                                                    |
|--------------|--------------------------------------------------------------------|
| Rating       | DC output - 11-15 Volts - <sup>One</sup> <del>Two</del> 50 Amperes |
| AC Input     | 1 Ph 60 Cy 120 Volts 9.5 Amperes Each                              |
| Overall Size | 9" wide x 10 1/2" deep x 5" high                                   |

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CONSOLE AND ORGAN

GREAT ORGAN - Unenclosed

|    |        |                   |                       |
|----|--------|-------------------|-----------------------|
| 1. | 8      | Principal.....    | 85 pipes              |
| 2. | 8      | Gedeckt.....      | 85 pipes              |
| 3. | 8      | Gemshorn.....     | from #10.....61 notes |
| 4. | 4      | Octave.....       | from #1.....61 notes  |
| 5. | 4      | Gedeckt.....      | from #2.....61 notes  |
| 6. | 2      | Super Octave..... | from #1.....61 notes  |
| 7. | 2      | Gedeckt.....      | from #2.....61 notes  |
| 8. | III-IV | Mixture.....      | 208 pipes             |

SWELL ORGAN - Enclosed

|     |       |                                                 |    |       |
|-----|-------|-------------------------------------------------|----|-------|
| 9.  | 8     | Rohrflote.....                                  | 73 | pipes |
| 10. | 8     | Gemshorn.....                                   | 80 | pipes |
| 11. | 8     | Gemshorn Celeste TC.....                        | 49 | pipes |
| 12. | 4     | Principal.....                                  | 73 | pipes |
| 13. | 4     | Rohrflote.....from #9.....                      | 61 | notes |
| 14. | 2     | Spitzoctave.....from #12.....                   | 61 | notes |
| 15. | 1-1/3 | Larigot.....from #10..(repeat top octave)....   | 61 | notes |
| 16. | 1     | Klein Octave..from #12..(repeat top octave).... | 61 | notes |
| 17. | 16    | Contre Trompette.....                           | 85 | pipes |
| 18. | 8     | Trompette.....from #17.....                     | 61 | notes |
| 19. | 4     | Clairon.....from #17.....                       | 61 | notes |
| 20. |       | Tremolo                                         |    |       |

PEDAL ORGAN

|     |     |                       |                           |    |       |
|-----|-----|-----------------------|---------------------------|----|-------|
| 21. | 16  | Bourdon.....          | 12 pipes; 20 from #2..... | 32 | notes |
| 22. | 8   | Principal.....        | from #1.....              | 32 | notes |
| 23. | 8   | Rohrflote.....        | from #9.....              | 32 | notes |
| 24. | 4   | Octave.....           | from #1.....              | 32 | notes |
| 25. | 4   | Gedeckt.....          | from #2.....              | 32 | notes |
| 26. | III | Mixture.....          | from #8.....              | 32 | notes |
| 27. | 16  | Contre Trompette..... | from #17.....             | 32 | notes |
| 28. | 4   | Clairon.....          | from #17.....             | 32 | notes |

COUPLERS

|    |                |
|----|----------------|
| 32 | Great to Pedal |
| 33 | Swell to Pedal |
| 34 | Swell to Great |

ADJUSTABLE COMBINATIONS

Solid State - Single Memory

Pistons No. 1-2-3-4-5

Affecting Full Organ

General Cancel

Combination Adjustor

Combination Lock

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 electric wiring

## PIPE ANALYSIS

STOP PITCH PIPES SCALE HALVING MOUTH REMARKS W.P.

## GREAT ORGAN

|           |        |     |                     |    |     |            |        |
|-----------|--------|-----|---------------------|----|-----|------------|--------|
| Principal | 8      | 85  | 43                  | 17 | 1/4 | 12 Zinc SM |        |
|           |        |     |                     |    |     | #1-12      | 4-1/2" |
|           |        |     |                     |    |     | #13 up     | 3-1/2" |
| Gedeckt   | 8      | 85  | Reg. Art. Tap. Bass |    |     | Wood       | 3-1/2" |
|           |        |     | TC 68               | 21 | 2/9 | CM         |        |
| Mixture   | III-IV | 224 | See formula         |    |     | SM         | 3-1/2" |

## SWELL ORGAN

|                  |    |    |                          |    |     |                                          |        |
|------------------|----|----|--------------------------|----|-----|------------------------------------------|--------|
| Rohrflote        | 8  | 73 | 56                       | 21 | 2/9 | 12 Zinc CM                               | 3-1/2" |
|                  |    |    |                          |    |     | <del>DLA Sm. O. S. Chimneys #19-62</del> |        |
|                  |    |    |                          |    |     | No. 2 OS Chimneys #19-50                 |        |
| Gemshorn         | 8  | 80 | CC 56                    | 19 | 2/9 | 12 Zinc SM                               | 3-1/2" |
|                  |    |    | C 68-1/2                 | 19 | 2/9 |                                          |        |
|                  |    |    | #56 98                   | 17 | 1/6 |                                          |        |
| Gemshorn Celeste | 8  | 49 | 56-1/2 @ CC              | 19 | 2/9 | 5 Zinc SM                                | 3-1/2" |
| Principal        | 4  | 73 | 58                       | 17 | 1/4 | SM                                       | 3-1/2" |
| Contre           |    | 85 | 3" CCC to FF half length |    |     | C(F) Esch.                               | 3-1/2" |
| Trompette        | 16 |    | FF# up full length       |    |     | Zinc & SM                                |        |

## PEDAL ORGAN

|         |    |    |                    |  |  |      |       |        |
|---------|----|----|--------------------|--|--|------|-------|--------|
| Bourdon | 16 | 12 | CCC Reg. Man. Bdn. |  |  | Wood | #1-16 | 4-1/2" |
|---------|----|----|--------------------|--|--|------|-------|--------|

## GREAT III-IV MIXTURE FORMULA

|      |       |       |       |       |
|------|-------|-------|-------|-------|
| 19   | 15    | 12    | 8     | 1     |
| 22   | 19    | 15    | 12    | 8     |
| 26   | 22    | 19    | 15    | 12    |
| 26   | 22    | 19    | 15    | 15    |
| 1-20 | 21-32 | 33-44 | 45-48 | 49-61 |

|        |             |        |           |    |
|--------|-------------|--------|-----------|----|
| Unison | 48 Sc. @ 8' | 17-1/2 | 1/4 mouth | SM |
| Quint  | 48 Sc. @ 8' | 17-1/2 | 1/4 mouth | SM |

IGL/jm

5-8-89

Salesman: Harold Showman