

## AR SERIES ORGANS

RE-ISSUED 10-1-79

## EARMARK FOR

#11389, ST. DAVID'S LUTHERAN CHURCH, HANOVER, PA.  
SPECIFICATIONS OF A 6 RANK SERIES 70 ORGAN

219

GENERAL

## (1) ORGAN

|               |                                    |
|---------------|------------------------------------|
| Cabinet       | Standard design                    |
| Wood & Finish | Rift Sawn Oak to customer's sample |
| 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

|                        |                                               |
|------------------------|-----------------------------------------------|
| Type                   | 2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet      |
| Wind                   | 260 c.f.m. @ 4"                               |
| Current Specifications | 1 Ph - 60 Cy - 110 Volts - 7.2 Amperes        |
| Overall Size           | 2' - 5-3/4" x 1' - 10-3/8" x 2' - 6-1/4" high |

## (4) POWER UNIT (located in organ)

|                       |                                                 |
|-----------------------|-------------------------------------------------|
| Rating                | DC Output: 10 to 15 Volts - 30 Amperes          |
| Current Specification | AC Input: 1 Ph - 60 Cy - 110 Volts - 10 Amperes |
| Overall Size          | 14-1/2" long x 10-3/4" x 7" high                |

\* \* \* \* \*

GREAT ORGAN

|   |       |                                                                                                                                |           |
|---|-------|--------------------------------------------------------------------------------------------------------------------------------|-----------|
| 1 | * 8   | Principal-----                                                                                                                 | 85 pipes  |
| 2 | 8     | Gedeckt -----from #8 -----                                                                                                     | 61 notes  |
| 3 | 8     | Gemshorn -----from #9 -----                                                                                                    | 61 notes  |
| 4 | 4     | Octave -----from #1 -----                                                                                                      | 61 notes  |
| 5 | 2     | Super Octave-----from #1-----                                                                                                  | 61 notes  |
| 6 | II-IV | Mixture-----                                                                                                                   | 159 pipes |
| 7 |       | Chimes---Mayland tubes and electric actions with canopy,<br>relay, transformer and volume control, A to F,<br>#22 to #42 ----- | 21 tubes  |

(\*) Exposed

ORGAN NO. 11389

ST. DAVID'S LUTHERAN CHURCH, HANOVER, PA.

PAGE 2

SWELL ORGAN

|     |       |                                                  |          |
|-----|-------|--------------------------------------------------|----------|
| 8   | 8     | Gedeckt-----                                     | 80 pipes |
| 9   | 8     | Gemshorn -----                                   | 80 pipes |
| 10  | 8     | Gemshorn Celeste TC -----                        | 49 pipes |
| 11  | 4     | Gedeckt -----from #2 -----                       | 61 notes |
| 12  | 4     | Gemshorn-----from #3 -----                       | 61 notes |
| 13  | 2     | Flute -----from #2 -----                         | 61 notes |
| 14  | 1-1/3 | Larigot-----from #3--(repeat 12 top notes) ----- | 61 notes |
| 15  | 8     | Trompette -----                                  | 61 pipes |
| 16  | 4     | Clairon-----from #15--(top octave from #1) ----- | 61 notes |
| 169 |       | <i>Tremolo</i>                                   |          |

PEDAL ORGAN

|    |    |                                           |          |
|----|----|-------------------------------------------|----------|
| 17 | 16 | Bourdon----- (12 pipes, 20 from #8) ----- | 32 notes |
| 18 | 8  | Principal -----from #1 -----              | 32 notes |
| 19 | 8  | Gedeckt -----from #8-----                 | 32 notes |
| 20 | 4  | Octave-----from #1 -----                  | 32 notes |
| 21 | 4  | Gedeckt-----from #8 -----                 | 32 notes |
| 22 | 8  | Trompette -----from #15 -----             | 32 notes |
| 23 | 4  | Clairon-----from #15 -----                | 32 notes |

COUPLERS

|    |                |
|----|----------------|
| 24 | Great to Pedal |
| 25 | Swell to Pedal |
| 26 | Swell to Great |

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

Balanced Expression Pedal (8 contacts, reverse system)  
 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

ORGAN NO. 11389

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PAGE 3

## PIPE ANALYSIS

| STOP | PITCH | PIPES | SCALE | HALVING | MOUTH | METAL | WIND PRESSURE |
|------|-------|-------|-------|---------|-------|-------|---------------|
|------|-------|-------|-------|---------|-------|-------|---------------|

GREAT ORGAN

|           |       |     |                   |        |     |              |        |
|-----------|-------|-----|-------------------|--------|-----|--------------|--------|
| Principal | 8     | 85  | 48                | 18-1/2 | 1/4 | 17 Zinc S.M. | 3-1/2" |
| Mixture   | II-IV | 159 | See Formula Below |        |     |              |        |

SWELL ORGAN

|                  |      |        |                                    |                 |               |                    |
|------------------|------|--------|------------------------------------|-----------------|---------------|--------------------|
| Gedeckt          | 8    | 80     | CC to BB Reg. Artiste Tapered Bass | Wood )          | 1-4           | 4-1/2"             |
|                  |      |        | TC 68                              | 21-1/2          | 2/9           | 5 up 3-1/2"        |
| Gemshorn         | 8    | 80     | CC 56                              | 19-1/2          | 2/9           | ) 1-12 4-1/2"      |
|                  |      |        | C 66-1/2                           | 19-1/2          | 2/9           | ) 13 up 3-1/2"     |
|                  |      | #56 98 | 17-1/2                             | 1/6             | 17 Zinc S.M.) |                    |
| 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" CC to FF half length            | D(F) Eschallots |               |                    |
|                  |      |        | FF# up full length                 | Zinc & S.M.     |               | 3-1/2"             |

PEDAL ORGAN

|         |    |    |                     |      |        |
|---------|----|----|---------------------|------|--------|
| Bourdon | 16 | 12 | Reg. Manual Bourdon | Wood | 4-1/2" |
|---------|----|----|---------------------|------|--------|

## II-IV MIXTURE FORMULA

|        |             |        |           |       |
|--------|-------------|--------|-----------|-------|
|        | 19          | 12     | 12        | 12    |
|        | 22          | 15     | 15        | 15    |
|        |             | 19     | 19        |       |
|        |             | 22     |           |       |
|        | 1-28        | 29-49  | 50-54     | 55-56 |
| Unison | 47 Sc. @ 8' | 17-1/2 | 1/4 mouth | S.M.  |
| Quint  | 50 Sc. @ 8' | 17-1/2 | 1/4 mouth | S.M.  |