

ECHO WILL SERVE A DOUBLE PURPOSE

FEATURE AT GRAND RAPIDS

Hillgreen, Lane & Co. Finish Four-Manual in Which One Division Can Be Used in Basement Foyer or Main Auditorium.

Hillgreen, Lane & Co., of Alliance, Ohio, are installing a four-manual electric organ in the First Church of Christ, Scientist, at Grand Rapids, Mich.

Eight years ago this firm installed a large two-manual organ in this beautiful church. The initial recital was given by Archer Gibson of New York. In a letter written subsequently by Mr. Gibson to Percival B. Garvey of Grand Rapids he said: "I recall no recital in all my experience that has been given under more artistic and sympathetic surroundings. Your organ, in many ways a most unusual instrument, is a complete success musically, mechanically and in design. It is difficult to put into words the many ways in which such advanced thought and master workmanship are shown to the connoisseur. The diapasons are full and rich, the strings mellow, the flutes liquid and beautiful and the reeds exceptionally good, while the balance of tone is most excellent."

All the pipes of this instrument are being utilized in the enlarged organ, which will be unique in having the echo division placed in the ground floor foyer, where it may serve as a distinct instrument for the services held in that department of the church, expression shades being provided with reference to this. A second set of swell shutters admits the tone, when desired, into the main auditorium through an ornamental grill in the floor. Thus the foyer organ may become an integral part of the main instrument.

Specifications of the organ follow:

GREAT ORGAN.

(All except Nos. 1 and 9 enclosed in expression box with shutters.)

1. 8 ft. Diapason Major, 73 pipes.
2. 8 ft. Diapason Minor, 73 pipes.
3. 8 ft. Viola da Gamba, 73 pipes.
4. 8 ft. Gemshorn, 73 pipes.
5. 8 ft. Doppel Floete, 73 pipes.
6. 4 ft. Principal, 73 pipes.
7. 4 ft. Flute Harmonic, 73 pipes.
8. 8 ft. Saxaphone, 73 pipes.
9. 8 ft. Tuba, 73 pipes.

SWELL ORGAN.

10. 16 ft. Lieblich Bourdon, 73 pipes.
11. 8 ft. Diapason, 73 pipes.
12. 8 ft. Viole d'Orchestre, 73 pipes.
13. 8 ft. Aeoline, 73 pipes.
14. 8 ft. Viol Vibrato, 61 pipes.
15. 8 ft. Gedeckt, 73 pipes.
16. 4 ft. Fugara, 73 pipes.
17. 4 ft. Rohr Floete, 73 pipes.
18. 3 rks. Solo Harmonics, 183 pipes.
19. 8 ft. Flautina, 61 pipes.
20. 8 ft. Oboe, 73 pipes.
21. 8 ft. Cornopean, 73 pipes.
22. 8 ft. Vox Humana (to have individual swell box), 73 pipes.

CHOIR ORGAN.

23. 16 ft. Contra Dulciana, 73 pipes.
24. 8 ft. Geigen Principal, 73 pipes.
25. 8 ft. Dolce, 73 pipes.
26. 8 ft. Salicional, 73 pipes.
27. 8 ft. Vox Celestis, 61 pipes.
28. 8 ft. Grosse Floete, 73 pipes.
29. 8 ft. Clarabella, 73 pipes.
30. 8 ft. Quintadena, 73 pipes.
31. 4 ft. Wald Floete, 73 pipes.
32. 2 ft. Harmonic Piccolo, 61 pipes.
33. 8 ft. Clarinet, 73 pipes.

ECHO ORGAN.

34. 8 ft. Diapason (leathered), 61 pipes.
35. 8 ft. Viole d'Amour, 61 pipes.
36. 8 ft. Dolcissimo, 61 pipes.
37. 8 ft. Still Gedeckt, 61 pipes.
38. 8 ft. Unda Maris, 49 pipes.
39. 4 ft. Fern Floete, 61 pipes.
40. 8 ft. Vox Humana, 61 pipes.
41. Cathedral Chimes, 20 chimes.

PEDAL ORGAN (Augmented).

42. 32 ft. Untersatz, 42 pipes.
43. 16 ft. Double Diapason, 42 pipes.
44. 16 ft. Violone, 42 pipes.
45. 16 ft. Bourdon, 42 pipes.
46. 16 ft. Lieblich Gedeckt, 42 pipes.
47. 8 ft. Violoncello, 42 pipes.
48. 8 ft. Octave Bass, 42 pipes.
49. 8 ft. Flute, 30 pipes.

50. 8 ft. Flauto Amabile, 30 pipes.

COUPLERS—51. Great to pedal. 52. Great to great, 4 ft. 53. Swell to great, 4 ft. 54. Swell to great. 55. Swell to great, 16 ft. 56. Choir to great, 4 ft. 57. Choir to Great. 58. Choir to great, 16 ft. 59. Echo to great. 60. Echo to great, 4 ft. 61. Swell to pedal. 62. Swell to pedal, 4 ft. 63. Swell to swell, 4 ft. 64. Swell to swell, 16 ft. 65. Choir to pedal. 66. Choir to choir, 4 ft. 67. Choir to choir, 16 ft. 68. Swell to choir, 4 ft. 69. Swell to choir. 70. Swell to choir, 16 ft. 71. Echo to pedal. 72. Echo to echo, 4 ft. 73. Swell unison separation. 74. Choir unison separation.

ADJUSTABLE PISTON COMBINATIONS—75, 76, 77, 78, Four for swell and pedal organs. 79, 80, 81, Three for great and pedal organs. 82, 83, 84, Three for choir and pedal organs. 85, 86, 87, Three for echo and pedal organs.

MECHANICAL ACCESSORIES—88. Unison coupler cancel (piston). 89. General coupler cancel (piston). 90. Swell organ tremulant. 91. Choir organ tremulant. 92. Echo organ tremulant. 93. Vox humana tremulant. 94. Crescendo indicator. 95. Motor switch.

PEDAL MOVEMENTS—96. Great to pedal, reversible. 97. Sforzando (all organs). 98. Piano (all organs). 99. Balanced swell expression pedal. 100. Balanced choir and great pedal. 101. Balanced echo expression pedal. 102-109. Eight pedal combinations. 110. Balanced crescendo and diminuendo pedal, affecting all stops and couplers.