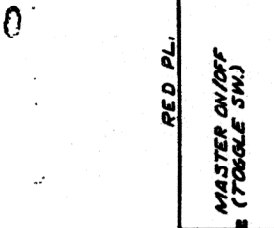
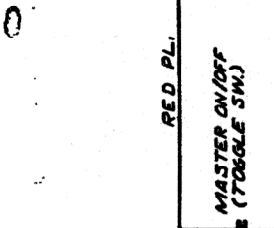
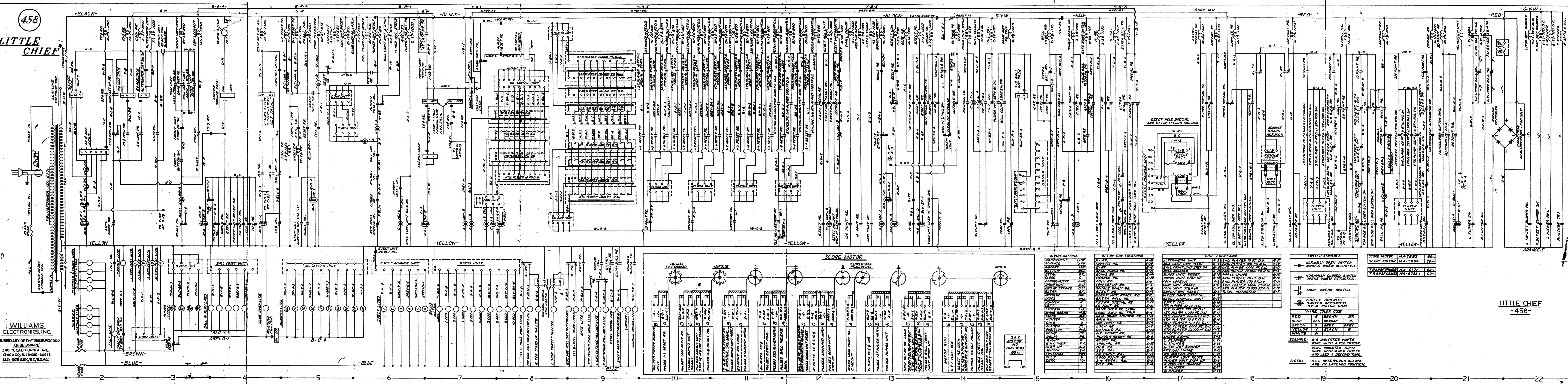


WILLIAMS ELECTRONICS, INC.
A SUBSIDIARY OF THE SEEBURG CORP. OF DELAWARE
3401 N. CALIFORNIA AVE.
CHICAGO, ILLINOIS 60618
MAY 1975 SEK/ET/BO/AB



ABBREVIATIONS

| | |
|-----------------|-----------------|
| ADJUSTMENT | ADJ |
| ADVANCE | ADV |
| AMPERE | AMP |
| ANTENNA | ANT |
| ART. CHENT. SW. | ART. CHENT. SW. |
| ART. SW. | ART. SW. |
| ART. SW. 1 | ART. SW. 1 |
| ART. SW. 2 | ART. SW. 2 |
| ART. SW. 3 | ART. SW. 3 |
| ART. SW. 4 | ART. SW. 4 |
| ART. SW. 5 | ART. SW. 5 |
| ART. SW. 6 | ART. SW. 6 |
| ART. SW. 7 | ART. SW. 7 |
| ART. SW. 8 | ART. SW. 8 |
| ART. SW. 9 | ART. SW. 9 |
| ART. SW. 10 | ART. SW. 10 |
| ART. SW. 11 | ART. SW. 11 |
| ART. SW. 12 | ART. SW. 12 |
| ART. SW. 13 | ART. SW. 13 |
| ART. SW. 14 | ART. SW. 14 |
| ART. SW. 15 | ART. SW. 15 |
| ART. SW. 16 | ART. SW. 16 |
| ART. SW. 17 | ART. SW. 17 |
| ART. SW. 18 | ART. SW. 18 |
| ART. SW. 19 | ART. SW. 19 |
| ART. SW. 20 | ART. SW. 20 |
| ART. SW. 21 | ART. SW. 21 |
| ART. SW. 22 | ART. SW. 22 |
| ART. SW. 23 | ART. SW. 23 |
| ART. SW. 24 | ART. SW. 24 |
| ART. SW. 25 | ART. SW. 25 |
| ART. SW. 26 | ART. SW. 26 |
| ART. SW. 27 | ART. SW. 27 |
| ART. SW. 28 | ART. SW. 28 |
| ART. SW. 29 | ART. SW. 29 |
| ART. SW. 30 | ART. SW. 30 |
| ART. SW. 31 | ART. SW. 31 |
| ART. SW. 32 | ART. SW. 32 |
| ART. SW. 33 | ART. SW. 33 |
| ART. SW. 34 | ART. SW. 34 |
| ART. SW. 35 | ART. SW. 35 |
| ART. SW. 36 | ART. SW. 36 |
| ART. SW. 37 | ART. SW. 37 |
| ART. SW. 38 | ART. SW. 38 |
| ART. SW. 39 | ART. SW. 39 |
| ART. SW. 40 | ART. SW. 40 |
| ART. SW. 41 | ART. SW. 41 |
| ART. SW. 42 | ART. SW. 42 |
| ART. SW. 43 | ART. SW. 43 |
| ART. SW. 44 | ART. SW. 44 |
| ART. SW. 45 | ART. SW. 45 |
| ART. SW. 46 | ART. SW. 46 |
| ART. SW. 47 | ART. SW. 47 |
| ART. SW. 48 | ART. SW. 48 |
| ART. SW. 49 | ART. SW. 49 |
| ART. SW. 50 | ART. SW. 50 |

RELAY COIL LOCATIONS

| | |
|-----------------|------|
| ALTERNATOR UNIT | E-3 |
| BALL COUNT UNIT | E-1 |
| BALL RELEASE | E-2 |
| BONUS UNIT | E-4 |
| BONUS UNIT | E-5 |
| BONUS UNIT | E-6 |
| BONUS UNIT | E-7 |
| BONUS UNIT | E-8 |
| BONUS UNIT | E-9 |
| BONUS UNIT | E-10 |
| BONUS UNIT | E-11 |
| BONUS UNIT | E-12 |
| BONUS UNIT | E-13 |
| BONUS UNIT | E-14 |
| BONUS UNIT | E-15 |
| BONUS UNIT | E-16 |
| BONUS UNIT | E-17 |
| BONUS UNIT | E-18 |
| BONUS UNIT | E-19 |
| BONUS UNIT | E-20 |
| BONUS UNIT | E-21 |
| BONUS UNIT | E-22 |
| BONUS UNIT | E-23 |
| BONUS UNIT | E-24 |
| BONUS UNIT | E-25 |
| BONUS UNIT | E-26 |
| BONUS UNIT | E-27 |
| BONUS UNIT | E-28 |
| BONUS UNIT | E-29 |
| BONUS UNIT | E-30 |
| BONUS UNIT | E-31 |
| BONUS UNIT | E-32 |
| BONUS UNIT | E-33 |
| BONUS UNIT | E-34 |
| BONUS UNIT | E-35 |
| BONUS UNIT | E-36 |
| BONUS UNIT | E-37 |
| BONUS UNIT | E-38 |
| BONUS UNIT | E-39 |
| BONUS UNIT | E-40 |
| BONUS UNIT | E-41 |
| BONUS UNIT | E-42 |
| BONUS UNIT | E-43 |
| BONUS UNIT | E-44 |
| BONUS UNIT | E-45 |
| BONUS UNIT | E-46 |
| BONUS UNIT | E-47 |
| BONUS UNIT | E-48 |
| BONUS UNIT | E-49 |
| BONUS UNIT | E-50 |

COIL LOCATIONS

| | |
|----------------------------|------|
| 1ST. PLAYER 1000 FT. D.U. | E-1 |
| 2ND. PLAYER 1000 FT. D.U. | E-2 |
| 3RD. PLAYER 1000 FT. D.U. | E-3 |
| 4TH. PLAYER 1000 FT. D.U. | E-4 |
| 5TH. PLAYER 1000 FT. D.U. | E-5 |
| 6TH. PLAYER 1000 FT. D.U. | E-6 |
| 7TH. PLAYER 1000 FT. D.U. | E-7 |
| 8TH. PLAYER 1000 FT. D.U. | E-8 |
| 9TH. PLAYER 1000 FT. D.U. | E-9 |
| 10TH. PLAYER 1000 FT. D.U. | E-10 |
| 11TH. PLAYER 1000 FT. D.U. | E-11 |
| 12TH. PLAYER 1000 FT. D.U. | E-12 |
| 13TH. PLAYER 1000 FT. D.U. | E-13 |
| 14TH. PLAYER 1000 FT. D.U. | E-14 |
| 15TH. PLAYER 1000 FT. D.U. | E-15 |
| 16TH. PLAYER 1000 FT. D.U. | E-16 |
| 17TH. PLAYER 1000 FT. D.U. | E-17 |
| 18TH. PLAYER 1000 FT. D.U. | E-18 |
| 19TH. PLAYER 1000 FT. D.U. | E-19 |
| 20TH. PLAYER 1000 FT. D.U. | E-20 |
| 21ST. PLAYER 1000 FT. D.U. | E-21 |
| 22ND. PLAYER 1000 FT. D.U. | E-22 |
| 23RD. PLAYER 1000 FT. D.U. | E-23 |
| 24TH. PLAYER 1000 FT. D.U. | E-24 |
| 25TH. PLAYER 1000 FT. D.U. | E-25 |
| 26TH. PLAYER 1000 FT. D.U. | E-26 |
| 27TH. PLAYER 1000 FT. D.U. | E-27 |
| 28TH. PLAYER 1000 FT. D.U. | E-28 |
| 29TH. PLAYER 1000 FT. D.U. | E-29 |
| 30TH. PLAYER 1000 FT. D.U. | E-30 |

SCORE MOTOR

| |
|------------------|
| 1. 14A-7883 60~ |
| 2. 14A-7884 50~ |
| 3. 14A-7885 60~ |
| 4. 14A-7886 50~ |
| 5. 14A-7887 60~ |
| 6. 14A-7888 50~ |
| 7. 14A-7889 60~ |
| 8. 14A-7890 50~ |
| 9. 14A-7891 60~ |
| 10. 14A-7892 50~ |
| 11. 14A-7893 60~ |
| 12. 14A-7894 50~ |
| 13. 14A-7895 60~ |
| 14. 14A-7896 50~ |
| 15. 14A-7897 60~ |
| 16. 14A-7898 50~ |
| 17. 14A-7899 60~ |
| 18. 14A-7900 50~ |
| 19. 14A-7901 60~ |
| 20. 14A-7902 50~ |
| 21. 14A-7903 60~ |
| 22. 14A-7904 50~ |
| 23. 14A-7905 60~ |
| 24. 14A-7906 50~ |
| 25. 14A-7907 60~ |
| 26. 14A-7908 50~ |
| 27. 14A-7909 60~ |
| 28. 14A-7910 50~ |
| 29. 14A-7911 60~ |
| 30. 14A-7912 50~ |
| 31. 14A-7913 60~ |
| 32. 14A-7914 50~ |
| 33. 14A-7915 60~ |
| 34. 14A-7916 50~ |
| 35. 14A-7917 60~ |
| 36. 14A-7918 50~ |
| 37. 14A-7919 60~ |
| 38. 14A-7920 50~ |
| 39. 14A-7921 60~ |
| 40. 14A-7922 50~ |
| 41. 14A-7923 60~ |
| 42. 14A-7924 50~ |
| 43. 14A-7925 60~ |
| 44. 14A-7926 50~ |
| 45. 14A-7927 60~ |
| 46. 14A-7928 50~ |
| 47. 14A-7929 60~ |
| 48. 14A-7930 50~ |
| 49. 14A-7931 60~ |
| 50. 14A-7932 50~ |

WIRE COLOR CODE

| | | | |
|--------|-----|--------|-----|
| RED | R | BROWN | BR |
| BLUE | BLU | ORANGE | O |
| GREEN | G | GRAY | GRY |
| YELLOW | Y | BLACK | B |
| WHITE | W | | |

EXAMPLE: W-4 INDICATES WHITE WIRE WITH A RED TRACER. W-1 INDICATES WHITE WIRE WITH A RED TRACER AND USED A SECOND TIME.

NOTE: ALL INTERLOCK RELAYS ARE IN LATCHED POSITION.