

TimeLine Lynx-1 Transport Connector Pinout

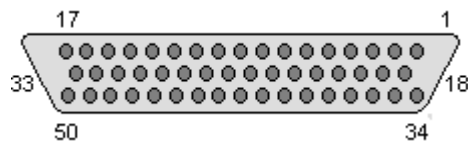
by Bill Bainbridge (brainditch)

The following has been copied (hopefully verbatim) from the Lynx-1 User's Manual; sec. 8-8, pg.47. All abbreviations and capitalizations are as printed in the Manual. Refer to Figure 1 (page 3), for ID numbers of pins on actual connector. Pinout items in **Boldface** type are described quite differently, not utilized yet, or possibly modified functionally as compared to the Transport Port from the subsequent Lynx-2. Caution should be exercised when swapping from, or obtaining cables for a Lynx unit to prevent inadvertent damage or malfunction.

Indexed by pin number

1. GROUND
2. Tran. gnd. Sense
3. Stop (still) cmnd
4. Capst. freq collector
5. **Capst. freq emitter**
6. Lifter drop cmnd
7. Forward (dir) cmnd
8. Record tally
9. **Reserved**
10. **Reserved**
11. **Reserved**
12. **Warning o/c out**
13. Servo relay-A n/c
14. Servo relay-B COM
15. Servo relay-B n/o
16. **Reserved**
17. **Reserved**
18. +5v (**5** ma max)
19. Rec-off cmnd +
20. Search cmnd +
21. **1k pullup to +5v**
22. **Reserved**
23. Tran cmnd common
24. Rewind cmnd
25. **Reserved**
26. Tach direction sense
27. **Reserved**

- 28. Tran-ready o/c out
- 29. Servo relay-A n/o
- 30. Servo relay-A COM
- 31. Servo relay-B n/c
- 32. **Reserved**
- 33. **Reserved**
- 34. GROUND
- 35. Rec-off cmdnd -
- 36. Search cmdnd -
- 37. Play cmdnd
- 38. Search volts out
- 39. Capst. volts out
- 40. Rec-on cmdnd
- 41. Reserved
- 42. Tach pulse in
- 43. **Reserved**
- 44. -12v (5 ma max)
- 45. +12v (5 ma max)
- 46. Mute relay n/o
- 47. Mute relay n/c
- 48. Mute relay COM
- 49. **Reserved**
- 50. **Reserved**



**Figure 1. 50-pin D-Sub Female Connector
as viewed from the Interface Side**

Note: To make the assembly of cables easier, it may be convenient to utilize the pinout diagram for the opposite gender, since they are mirror images of one another. That way, when soldering or crimping, and facing the assembly from the wiring side, no further mental gymnastics need be applied to correctly wire the cable. The following page provides an enlarged image of the opposite gender pinout for your assembly convenience in Figure 2.

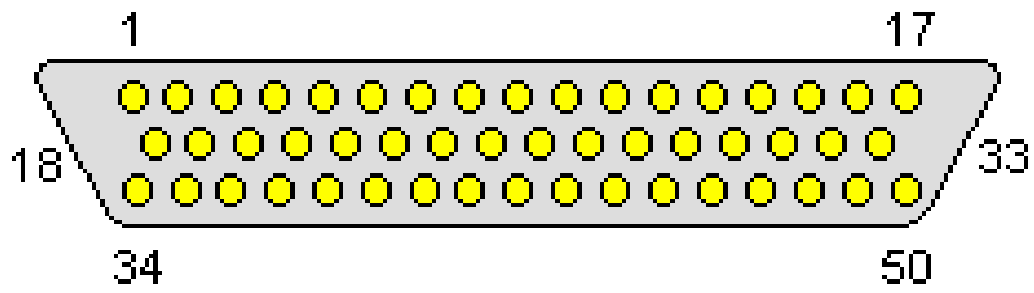


Figure 2. 50-Pin D-Sub Male (or Female viewed from Wiring Side)