

# LINE DRIVER MODEL CS1-50-.5/0

DATA SHEET #4  
VER:2-2/10/99

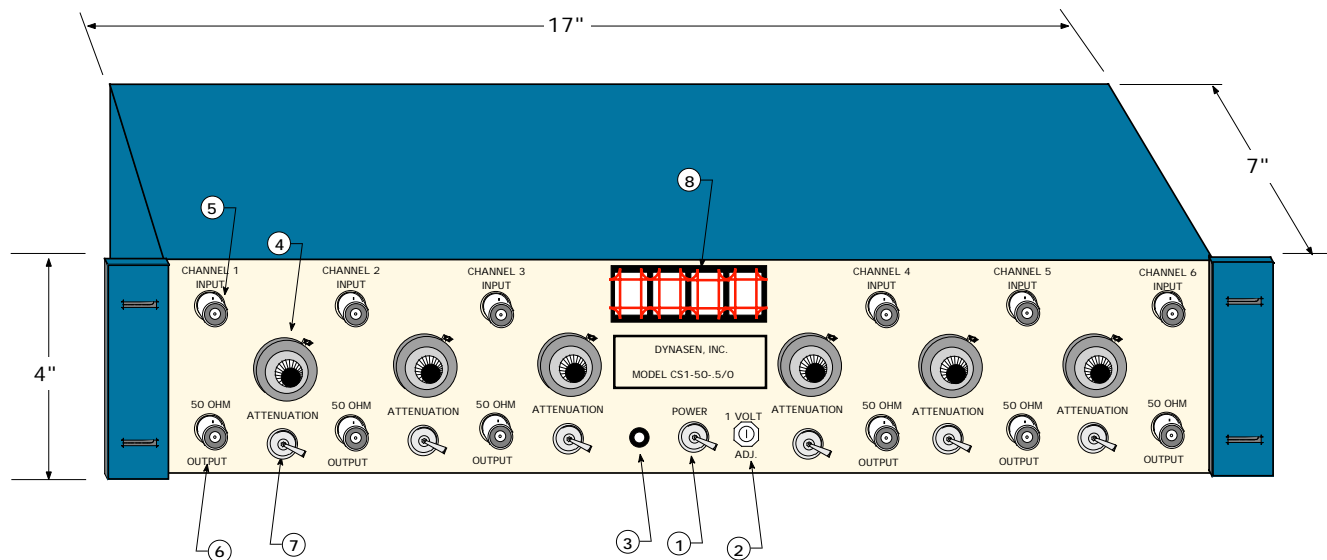


FIGURE 1. FRONT PANEL AND CHANNEL SCHEMATIC

Dynasen's line driver, Model CS1-50-.5/0, is a six channel instrument that can be used to reliably transport an electrical signal from a source to a distant recorder using a 50 line driver arrangement. Each channel is provided with a potentiometer for signal attenuation. The attenuation factor for each channel is readily obtained by depressing a switch that connects a 1 volt reference source to that channel's input and displays the output on the front panel meter. The main features of the line driver are:

- a. 110 / 220 VAC power requirements.
- b. Six identical input / output channels.
- c. Continuously adjustable input signal attenuation (0.5 - 0) and direct attenuation factor readout for each channel.
- d. One volt adjustable reference source.

A general list of controls is provided below for Figure 1 above:

1. Power Switch - Applies power to system.
2. Reference - One volt adjust.
3. Power light - Indicates when unit power is on.
4. Input Attenuation - Vernier knob for attenuating the input signal.
5. Input Signal - BNC connector that attaches to the source.
6. Output Signal - BNC connector that attaches to the recording instrument.
7. Attenuation Switch - For momentary engagement of the attenuation circuit.
8. Digital Display - Display's attenuation factor for each channel.

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