

Figure 1. Model 2221 and 2220 Input Card Modules

#### MODEL 2220 INPUT CARD SPECIFICATIONS

Type	Input Card: 4 Unbalanced inputs with attenuators on each input.
Attenuator Specifications	25K ohm audio-taper potentiometer with at least 60 dB attenuation at full CCW rotation.
Maximum Input Level	+ 30 dB (24.5 volts)
Input Impedance	25K ohms

#### MODEL 2221 INPUT CARD SPECIFICATIONS

Type	Input Card: 4 Balanced, transformer-isolated inputs with attenuators on each input.
Attenuator Specifications	25K ohm audio-taper potentiometer with at least 60 dB attenuation at full CCW rotation.
Transformer Specifications	(Similar to Altec Model 15335A) Turns Ratio: 1:1 Impedance: 15K ohms primary and secondary Frequency Response: $\pm 1$ dB, 20 Hz to 20 kHz Maximum Input Level: + 21 dB (8.70 volts) Insertion Loss: 0.7 dB

#### DESCRIPTION

The Model 2220 and Model 2221 Input Modules are used with the ALTEC Incremental Power System to process four primary inputs. One input module may be used with each main frame. The Model 2220 (transformerless) Input Module is used to process unbalanced inputs, and the Model 2221 (transformer isolated) Input Module is used to process balanced inputs. Each input module has four adjustable attenuators to set levels separately for each input.

#### INSTALLATION

Refer to the separately published Operating Instructions (42-02-045121) for the Incremental Power System.

#### PARTS LIST

Reference Designator	Ordering Number	Name and Description
R1, 2, 3, 4	•47-06-109214-01	Res., 25 K $\Omega$ $\pm$ 30%, 1/2 W
T1, 2, 3, 4*	56-05-045097-01	Transformer, Input*

\*Used on Model 2221 Input Card only.

*Specifications and components subject to change without notice. Overall performance will be maintained or improved.*

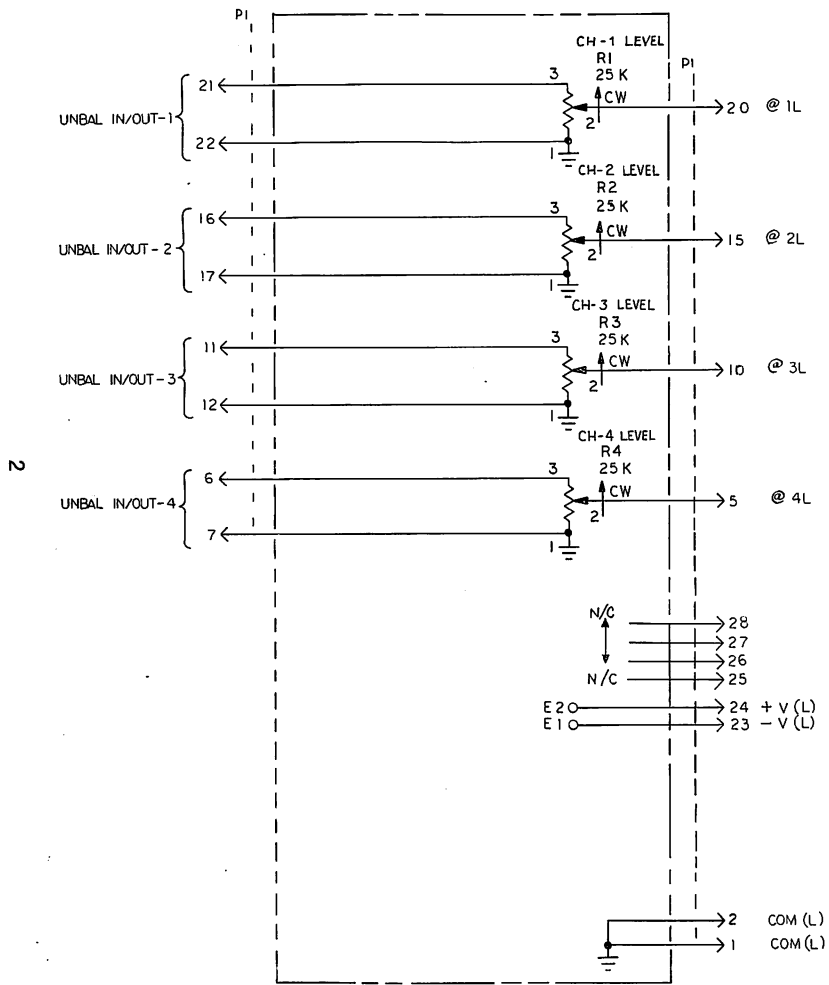


Figure 2. Schematic (9C136-01), Model 2220 Input Module

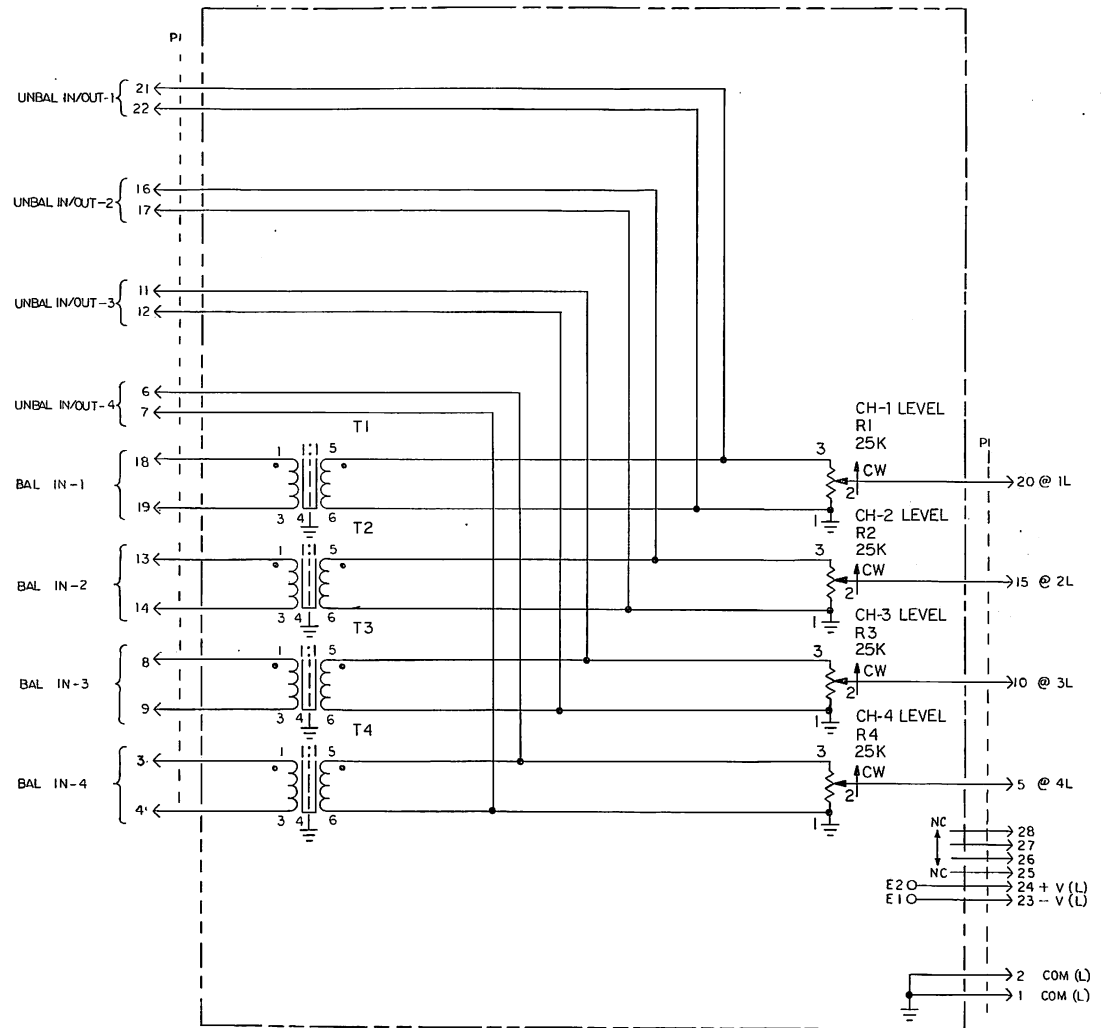


Figure 3. Schematic (9D137-01), Model 2221 Input Module