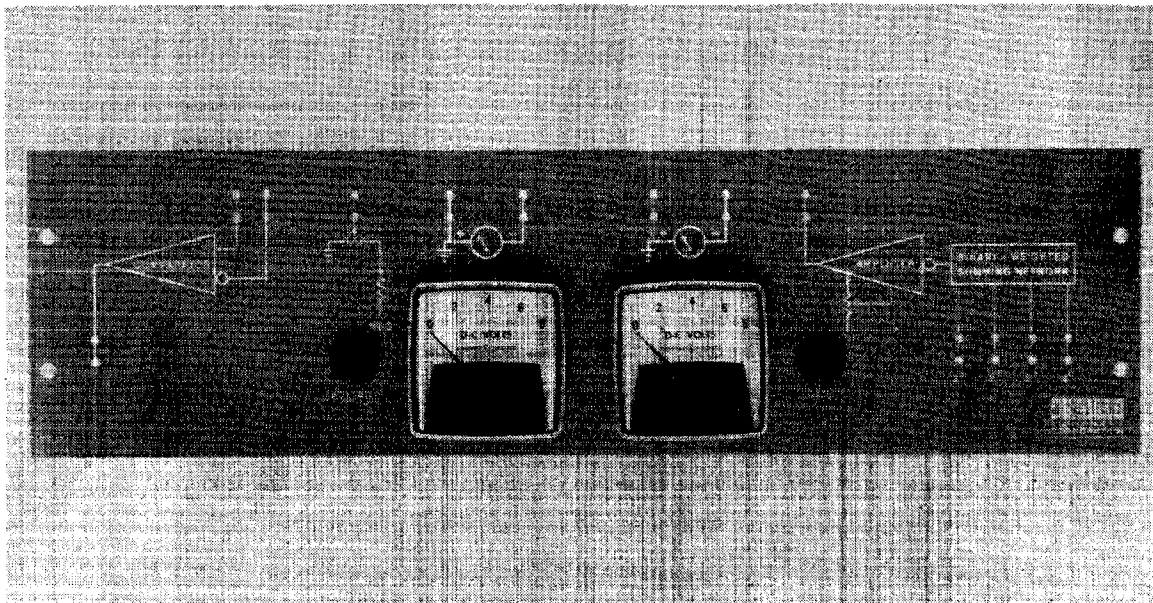


ANALOG-DIGITAL PANEL TYPE H903

LOGIC
LABORATORY
COMPONENTS



This panel provides facilities for experimenting with analog-digital techniques. It contains a 4 bit variable output D-A converter and a comparator circuit. Also includes two 8 volt panel meters and a potentiometer for producing 0 to $-8v$ test signal. Connections to these devices are made with Type 911 Stacking Banana-Jack Patchcords.

ELECTRICAL CHARACTERISTICS

D-A CONVERTER ZERO OFFSET: $\pm 0.4v$ or less

LINEARITY: $\pm 3\%$ of full scale

ALL ONES OUTPUT (FULL SCALE): adjustable from $-7v$ to $-8v$ driving 3000 ohm load

D-A CONVERTER OUTPUT IMPEDANCE: typically less than 100Ω

COMPARATOR OFFSET: $\pm 0.2v$ or less

COMPARATOR INPUT CURRENT: typically less than $100 \mu a$.

INPUT VOLTAGE OPERATING RANGE: 0 to $-10v$

INPUT: D-A converter inputs each require 1 ma at ground. No load at $-3v$.

OUTPUT: D-A converter output may be shorted to ground accidentally without harm. Comparator output supplies up to 8 ma at ground; 1 ma at $-3v$. Because the inputs may pass through the switching region slowly or hesitantly in most A-D converter applications, the comparator output transition is not suitable for driving DCD gate pulse inputs.

POWER: $+10 v(A)/8 ma$; $-15 v/30 ma$.

MECHANICAL CHARACTERISTICS

PANEL WIDTH: 19 in.

PANEL HEIGHT: 5-3/16 in.

DEPTH: 6½ in. with FLIP CHIP modules inserted

FINISH: DEC Blue

POWER INPUT CONNECTIONS: Tabs which fit AMP "Faston" receptacle series 250, part 41774.

H903 — \$143.00