

INSTRUCTIONS

MODEL AVX-D-ED PULSE GENERATOR

S.N.:

WARRANTY

Avtech Electrosystems Ltd. warrants products of its manufacture to be free from defects in material and workmanship under conditions of normal use. If, within one year after delivery to the original owner, and after prepaid return by the original owner, this Avtech product is found to be defective, Avtech shall at its option repair or replace said defective item. This warranty does not apply to units which have been disassembled, modified or subjected to conditions exceeding the applicable specifications or ratings. This warranty is the extent of the obligation assumed by Avtech with respect to this product and no other warranty or guarantee is either expressed or implied.

TECHNICAL SUPPORT

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TABLE OF CONTENTS

WARRANTY.....2

TABLE OF CONTENTS.....4

AVX-D SERIES DATA SHEET.....5

FRONT & BACK PANEL CONTROLS.....6

Manual Reference: /fileserver1/officefiles/instructword/avx-d/AVX-D-ED, edition 1.doc, created July 25, 2001

AVX-D SERIES DATA SHEET

FRONT & BACK PANEL CONTROLS

- (1) $\pm 15V$. Applies basic prime power to all stages.
- (2) ED. Controls the relative delay between the output pulse provided at OUT (5) and IN (3). This delay is varied over the range of 30 to about 150 ns by applying 0 to +10 VDC to the "ED" solder terminal ($R_{IN} \geq 10K$).
- (3) IN. Apply TTL input at this SMA terminal ($PW > 50$ ns).
- (4) TRIG. Replica of IN pulse delayed by 30 ns appears here. Will drive 50 Ohms.
- (5) OUT. +5 Volt output to 50 Ohms. This SMA output is delayed 30 to 150 ns with respect to the IN pulse.

