



AVTECH ELECTROSYSTEMS LTD.
NANOSECOND WAVEFORM ELECTRONICS

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✉ BOX 5120 STN. F
OTTAWA, ONTARIO
CANADA K2C 3H4
TEL: (613) 226-5772
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INSTRUCTIONS

MODEL AVNC-1-C-TA PULSE GENERATOR

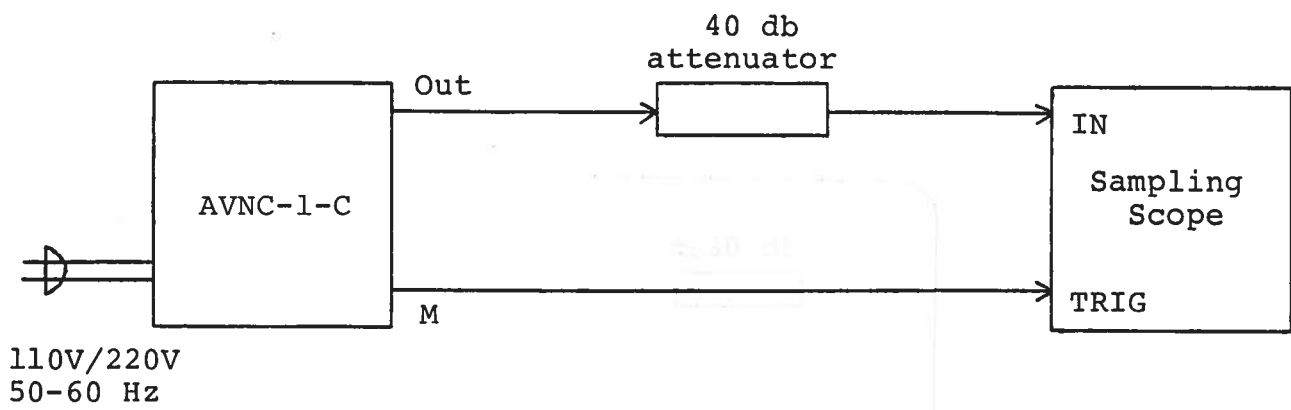
S.N.:

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 or liability assumed by Avtech with respect to this product and no other warranty or guarantee is either expressed or implied.

Fig. 1

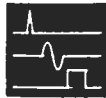
PULSE GENERATOR TEST ARRANGEMENT



Notes:

- 1) The bandwidth capability of components and instruments used to display the pulse generator output signal (attenuators, cables, connectors, etc.) should exceed 100 MHz.
- 2) The use of 40 db attenuator at the sampling scope vertical input channel will insure a peak input signal to the sampling scope of less than one volt. The output amplitude is fixed at +5 Volts for $R_L \gg 50$ Ohms.
- 3) The output frequency is controlled by the ten position PRF range switch and the one turn PRF fine control. The output duty cycle is fixed at 50%.
- 4) The M output provides a coincident replica of the main output and so may be used for scope triggering purposes. The output amplitude is +0.5 Volts into 50 Ohms or +5 Volts into $R_L \gg 10K$.
- 5) The AVNC-C unit can be converted from 110 to 220V 50-60 Hz operation by adjusting the voltage selector card in the rear panel fused voltage selector-cable connector assembly.
- 6) For additional assistance:

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July 7, 1992.

Bob Corby
Talon Instruments
150 East Arrow Highway
San Dimas, CA 91773

Tel: 714-599-0690
Fax: 714-599-6529

Dear Bob:

Following our recent telephone conversation, I am pleased to provide a price and delivery quotation for a special purpose TTL level 50 MHz pulse generator meeting the following specifications:

Model designation:	AVNC-1-C-TA
Repetition rate:	1 kHz to 50 MHz. Controlled by 10 position switch and one turn fine control
Output amplitude:	TTL, $R_L \geq 1 K$
Output duty cycle:	Fixed at 50%
Source impedance:	50 Ohms
Rise, fall time:	5 ns
Monitor output:	Provides a 20 db attenuated coincident replica of main output (may be used to trigger scope)
Connectors:	BNC
Package size:	4" x 8" x 12"
Prime power:	120/240 Volts, 50-60 Hz
Other:	See standard AVNC-1-C, pages 26 and 27, Cat. No. 8

Price:

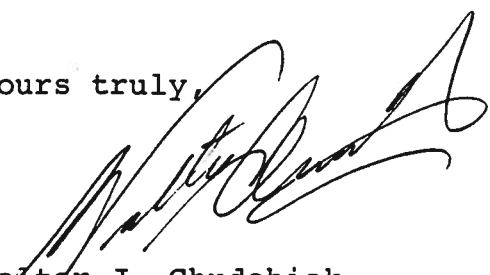
\$998.00 US each,
FOB destination

Delivery:

30-45 days

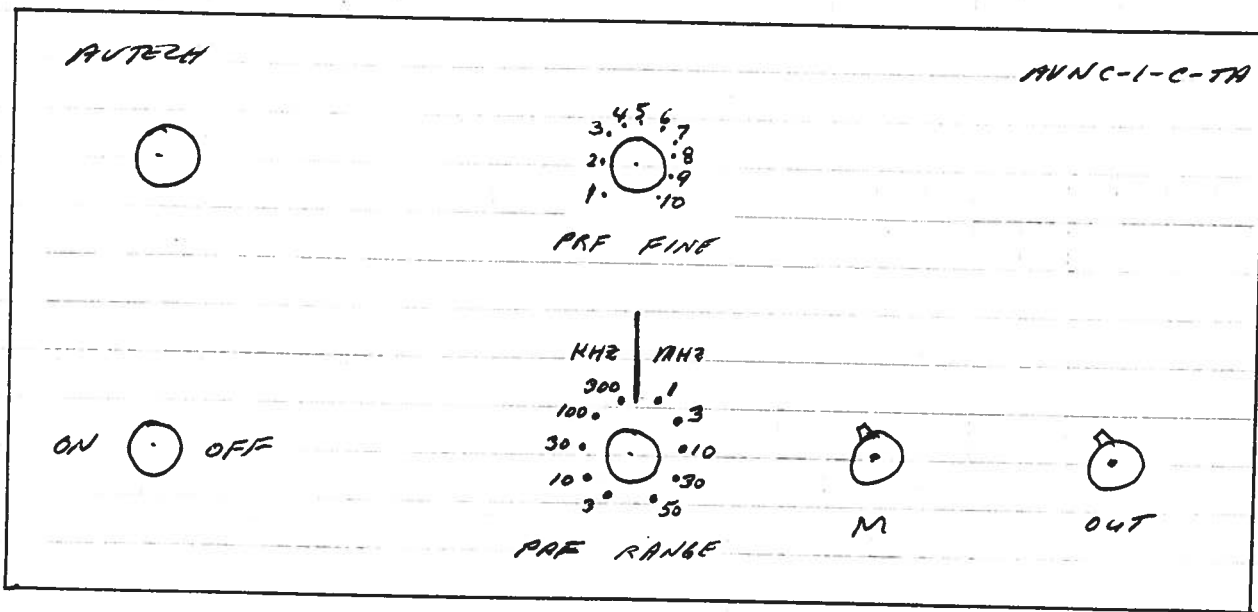
Thank you for your interest in our products. Please call me again if you require any additional information or modifications to the above quotation.

Yours truly,



Walter J. Chudobiak
Chief Engineer

WJC:pr
Encl. Front panel drawing



AVNC-1-C-TA FACE PLATE

07.29.92

- M