



□ P.O. BOX 265
OGDENSBURG, NY
U.S.A. 13669-0265
TEL: (315) 472-5270
FAX: (613) 226-2802

✕ BOX 5120 STN. F
OTTAWA, ONTARIO
CANADA K2C 3H4
TEL: (613) 226-5772
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Model AV-143-PS-N-EKB

Specifications

The Model AV-143-PS-EKB amplifier is designed to amplify negative polarity baseband pulses in the pulse width range of about 10 ns and higher and CW signals in the frequency range of DC to 70 MHz. The basic specifications for the unit are as follows:

Gain:	≥ x2 (voltage)
Bandwidth:	DC to 70 MHz
Peak output voltage (to 50 Ohms or higher):	-14 volt
Rise time:	≤ 5 ns
Input impedance:	50 Ohms
Prime power:	120/240V, 50-60 Hz
Connectors:	BNC
Size:	4 x 8 x 12 inches

NOTE:

DC OFFSET ADJUSTMENT. Remove four Phillips screws on rear panel. Top lid may then be slid off. Adjust locking pot on side of amplifier module to attain zero DC offset on output (only very minor pot adjustment should be necessary). Replace top lid.



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February 21, 1992.

George Olin MC 02017
Eastman Kodak
Research Lab
Rochester, NY 14650-2017

Tel: 716-588-7614
Fax: 716-477-4545

Dear George:

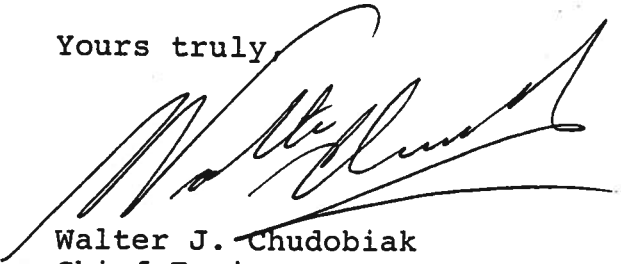
Following my quotation of February 20 and our telephone conversation of February 20, I am pleased to provide a revised price and delivery quotation for a special purpose booster amplifier meeting the following specifications:

Model designation:	AV-143-PS-N-EKB.
Gain:	x2.
Output amplitude:	0 to -12 Volts to 50 Ohms.
Input amplitude:	0 to -6 Volts.
Input impedance:	50 Ohms.
Rise time:	\leq 5 ns.
Bandwidth:	DC to 70 MHz.
Connectors:	BNC.
Chassis size:	4" x 8" x 12" (Avtech Style E, see page 109, Cat. No. 8).
Prime power:	120/240V, 50-60 Hz.
Price:	\$1,490.00 US each, FOB destination.
Delivery:	30 days ARO.

This unit is designed to be triggered by your LECROY arbitrary function generator and to drive a laser diode load via a series resistance of about 40 to 50 Ohms.

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,

A handwritten signature in black ink, appearing to read 'Walter J. Chudobiak', written over a horizontal line.

Walter J. Chudobiak
Chief Engineer

WJC:pr

04.27.92