

Langevin Manufacturing Corporation

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BROADCAST EQUIPMENT PRICE SCHEDULE

ALL PRICES F.O.B. NEW YORK, N.Y.

EFFECTIVE NOV. 1, 1947

AMPLIFIERS

(Less Tubes)

TYPE	NET PRICE	Function	Output Power (DBM)	Source Impedance (Ohms)	Nominal Load Impedance (Ohms)	Maximum Gain
102-A	\$ 62.50	Program (Line) Amplifier	+28	30/250/600	150/600	55 db, provision for 45, 35 db
102-D	62.50	Program or Line Bridging Amplifier	+28	600 Ohms or Bridging Input	150/600	36 db bridging; 55 db matching 600 Ohms
106-B	62.50	Pre-amp or Booster Amplifier	+16	30/250/600	150/600	38 db, provision for 28, 18 db
111-C	114.00	Dual Pre-amp or Booster Amplifier	+16	C - 30/250/600 D - 150/600	C - 600	47 db
111-D	114.00				D - 150/600	
116-A (less mating receptacle)	76.30 4.70	PLUG-IN Pre-amp or Booster Amp Mating Cannon Plug receptacle	+18	30/150 C.T.;/250/600 C.T.	150/600 C.T.	40 db or 34 db
117-A (less mating receptacle)	84.30 4.70	PLUG-IN Booster, Program, or Monitor Amp Mating Cannon Plug receptacle	+30 as Program Amplifier; +39 as Monitor Amp	30/150 C.T.;/250/600 C.T.	150/600 C.T.	50 db
118-A	50.00	PLUG-IN Isolation Bridging Amplifier	+24	Bridging Input Connections	600 Ohms (150 Ohms on special order)	6 db. After a 6 db pad, will provide 75 db isolation and zero gain
119-A PROGAR (with tubes)	828.00	Combination Peak Limiting and Automatic Gain Control	+22	600 Ohms (150 Ohms on special order)	600 Ohms (150 Ohms on special order)	Normal: 53 db
128-B	142.40	Talk-Back Amplifier	20 watts (+43 DBM)	30/250	Any value from 1 to 1000 Ohms	103 db
128-M	135.00	Monitor & Audition Amplifier	20 watts (+43 DBM)	30/150 C.T.;/250/600 C.T.	See above	63 db
128-T	160.00	Monitor, Audition & Talk-Back Amp	20 watts (+43 DBM)	Monitor, input same as 128-M. Talk-Back, same as 128-B	See above	Monitor input: 63 db Talk-Back input: 103 db

All prices subject to change without notice

TRANSFORMERS

TYPE	NET PRICE	Application	Primary Impedance (Ohms)	Secondary Impedance (Ohms)	Insertion Loss at 1000 Cycles	Frequency Response	Maximum Operating Level
602-A	\$ 14.40	Balanced Line Isolation	150/600	150/600	.5 db	±1 db from 30 to 20,000 cycles	+18 DBM
603-A	17.00	Line to Voice Coil <u>Auto Transformer</u>	1/2/4/8/16/30/125/ 500/1500/3000		Average .65 db (varies with taps used)	±.5 db - 50 to 10,000 cycles. ±1 db - 30 to 15,000 cycles.	20 watts
604-B	14.00	Line to Voice Coil	500/1000/1500/ 2000	16	.65 db	±1 db from 50 to 15,000 cycles.	20 watts
605-A	14.00	Line to Voice Coil	250/500/750/ 1000	6-8	.65 db	±1 db from 50 to 15,000 cycles.	20 watts
605-B	14.00	Line to Voice Coil	250/500/750/ 1000	16	.65 db	±1 db from 50 to 15,000 cycles.	20 watts
606-A	14.40	Bridging	48,000/12,000	600/150	Bridging Loss; 24/18 db - 600 Ohms. 30/24 db - 150 Ohms.	±.5 db from 30 to 20,000 cycles	+40 DBM
611-A	7.50	Line to Voice Coil	150/600	3.2/6.5	.5 db	±.5 db from 50 to 15,000 cycles	10 watts

POWER SUPPLIES

Type	Net Price	Description
201-A	\$ 45.00	70 IIA Power Supply for Langevin 102 series Amplifiers.
201-B	52.00	Same as 201-A except has additional stage of filtering for Langevin 111-C, 111-D or 106-B pre-amplifier.
205-B	197.00	Selenium Rectifier Power Supply 425 MA, 300V.
206-A	155.00	PLUG-IN Selenium Rectifier Power Supply 210 MA, 300V.

MODIFICATION GROUPS

Type	Net Price	Description
11-A	\$ 22.40	For adding low impedance microphone or phonograph pick-up input stage to 128-11 or 128-B amplifiers. Consists of 103-A pre-amplifier, volume control and es-cutcheon plate.
19-A	4.00	Consists of 2 Grayhill No. 4001 Push Button Metering Switches for 116-A pre-amplifier. (Includes installation labor and test).
20-A	6.20	Consists of 4 Grayhill No. 4001 Push Button Metering Switches for 117-A amplifiers. (Includes installation labor and test).
21-A	6.00	Components necessary to rack mount Type 128 series amplifiers.