

Perspecta Sound INC.

711 FIFTH AVENUE, NEW YORK 22, N.Y. • Tel: Plaza 3-5400

October 5, 1954

Dansk Kinematograf Fabrik A/S
Viktoriagade 6
Copenhagen, Denmark

Gentlemen:

You have probably seen stories in the film trade press indicating that M-G-M plans to spend more than \$2,500,000 to promote Perspecta Stereophonic Sound.

This expenditure is tied to a merchandising plan that will start immediately and that will bring into action the vast machinery of M-G-M's international organization to sell exhibitors, large and small, on Perspecta. M-G-M calls the project PEP (Perspecta Exhibitor Plan), and believes it will have special appeal because it is based on some of the finest boxoffice attractions the company has ever offered. It will reach every one of their customers from first-run on down to the smallest exhibitor.

I am sure that you will immediately grasp that PEP is of enormous importance to you, because it will give added spur to demands of theatre owners for installation of Perspecta equipment.

Your cooperation in this project is cordially invited, and we suggest that it would be good business for you to do a few things to take advantage of the Perspecta momentum M-G-M's project will generate throughout the world.

For one thing you will want to make sure that you have enough stock on hand to fill orders quickly. Alerting your salesmen to the opportunities that will be open to them will also pay off. And it would certainly be wise to let theatre owners know via letters, circulars and trade paper advertising that you have Integrator Units available for immediate installation.

PEP represents the utmost to date in M-G-M's support of Perspecta. Your efforts, joined and coordinated with theirs, can help make Perspecta the industry standard.

With kind regards,

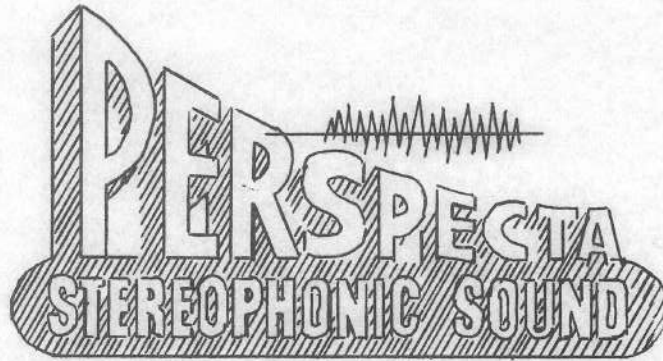
Sincerely,

C. Robert Fine
C. ROBERT FINE,
President

8,7
5000
CRF:SRC

Modtaget	11 / 10
Besvaret	/

PERSPECTA
STEREOPHONIC SOUND



PERSPECTA SOUND PRICE LIST

1. Perspecta Sound Integrator and associated Power Supply, for mounting in standard amplifier racks \$644.00
2. Selector Panel Unit (3 Switches)
 - a. Perspecta-Magnetic-Single Optical
 - b. Stage Speakers (Single Optical-Stereophonic)
 - c. P.E. Cell Supply (Single Optical-Perspecta)\$ 70.00
3. Simplified Selector Panel Unit (1 Switch)
Positions: Perspecta-Magnetic-Single Optical
(Combines in one switch functions a & c above) \$ 35.00
4. Item #2 with Master Perspecta Gain Control \$ 87.00
5. Item #3 with Master Perspecta Gain Control \$ 52.00
6. Add for 25" open rack with interconnection cable between Integrator & Power Supply. This rack is suitable for sitting on shelf or fastening along side existing rack \$ 24.00
7. Extra for mounting, wiring, and testing either Item #2 or #3 in combination with Items #1 & #6 \$ 17.00
8. Extra for mounting, wiring, and testing either Item #4 or #5 in combination with Items #1 & #6 \$ 21.00
9. Spare set of tubes for Item #1 \$ 24.00
10. Perspecta Sound Test Film, 1 reel (Must have to service & install an integrator \$ 27.50

Above prices NET FOB Factory, Domestic Packed

ADD 2 $\frac{1}{2}$ % to arrive at NET FAS Vessel, New York, Export Packed

Shipment: Prompt from factory stock
ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

NilesCo 5404.1154

NILES CHRISTENSEN

EXPORT - IMPORT
INTERNATIONAL MARKETING

18 Nov. 1954
Airmail

P. O. BOX 728
SUMMIT, NEW JERSEY, U. S. A.

Dansk Kinematograf Fabr A/S
Viktoriagade 6
Copenhagen, Denmark

Gentlemen:

Perspecta Sound Integrators and associated items as listed on the attached schedule are for installation in existing Magnetic CinemaScope installations and available for immediate shipment.

The normal inputs supplied with this Integrator are:

- 600 ohms - 60 DB and 0 DB gain
- 100,000 ohms - 40 DB gain and 20 DB gain

If schematics of existing installation, both present optical and magnetic, are supplied, I will send detailed instructions for proper installation of Perspecta into that combination of equipment.

For new Stereophonic installations, the complete package system for theatres up to 1500 seats includes the following:

- 1 - Perspecta Integrator with power supply
- 1 - Control-Switching-Monitoring-Metering Panel with:
 - a. Sound track Selector Switch
 - b. Altec monitoring speaker with controls
 - c. Weston VU test & monitoring meter
 - d. System Master gain control
- 3 - Power Amplifiers, 30 watt output at 1% distortion, sealed transformers
- 1 - Cable, harness & Hardware Kit
- 1 - Open frame equipment rack for above (shipped knocked down)

Net export price, FAS Vessel New York, export packed \$1,495.00

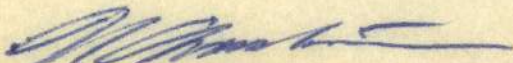
Shipment: Prompt, within 2 weeks. Estimated Cube: 35 cu. ft., 650 lbs. gross

Terms: Irrevocable letter of credit valid 45 days opened on any New York bank.

As you may want to use your own stage speakers, above has been priced without stage speakers; output impedance is 4, 8, 16, 150 or 600 ohms by switch control. If desired, I would supply Altec "Voice of the Theatre" speaker systems shipped with low frequency baffles knocked down for use with above system.

Your comments and orders will receive our very best attention.

Cordially,



Niles Christensen

Encls: Perspecta brochure & Perspecta price list

FAIRCHILD RECORDING EQUIPMENT COMPANY
 154th Street & 7th Avenue
 Whitestone 57, New York

PRICE LIST

PERSPECTA STEREOPHONIC SOUND EQUIPMENT

<u>Model</u>		<u>Theatre Net</u>
330	INTEGRATOR complete with Power Supply, Preamplifier, Main Gain Control, Output Balancing Controls and Equalization	\$885.00
<u>ACCESSORIES</u>		
312	SYSTEM SWITCHING PANEL	48.00
313	CABINET ENCLOSURE for wall mounting including wiring harness	58.00
822	TRANSFORMER - plate to 600 ohm output	12.75
823A	INPUT TRANSFORMER - to add 20 db gain to the Integrator and an input impedance of 500 ohms	13.85
<u>SPARE PARTS</u>		
2	12AU7 Vacuum tubes	} 23.85
2	12AX7 " "	
3	6AG5 " "	
4	6AL5 " "	
6	6BE6 " "	
1	5Y3GT " "	
2	NE51 Lamp	
1	311005 5 Amp fuse	
<u>FILTERS</u>		
10882	- 30 Cycle Grid Filter	53.00
10884	- 30 Cycle Plate Filter	53.00
10887	- 35 Cycle Grid Filter	53.00
10889	- 35 Cycle Plate Filter	53.00
10892	- 40 Cycle Grid Filter	53.00
10894	- 40 Cycle Plate Filter	53.00
<u>CHOKES</u>		
21421	- High Pass Filter Choke	14.25
21422	- Low Pass Filter Choke	14.25
21423	- Low Pass Filter Choke	14.25
21424	- High Pass Filter Choke	14.25
COMPLETE SET OF FILTERS AND CHOKES		375.00

All prices are net, F. O. B., Whitestone, New York and are subject to change without notice. All delivery quotations are subject to prior sale.



To the Theatre
Equipment Dealer:

154th STREET AND POWELLS COVE BOULEVARD,
WHITESTONE 57, NEW YORK

Dear Sir:-

The Fairchild Recording Equipment Company announces a substantial decrease in the price of the Fairchild Perspecta Stereophonic Sound Integrator. Due to the wide acceptance of the Fairchild Integrator and our expanded production, we are now in a position to pass this benefit on to our customers.

The new 1955 Model #330 Fairchild Integrator now comes complete with Power Supply, Preamplifier, Main Gain Control, Equalization and Channel Balancing Controls.

It will be our continued policy to sell this equipment only through authorized theatre equipment dealers and I am enclosing a revised pricelist covering our complete line. Your confidential discount for these prices is 30 percent on all items except spare parts which carry a discount of 25 percent.

In view of the fact that MGM and Paramount are now recording all of their pictures in the Perspecta Sound method, this increased product availability will unquestionably increase your demands for integrators.

Fairchild, a manufacturer of precision professional recording equipment for over twenty years, now leads the field with a year of experience in building Perspecta Integrators. Fairchild Integrators are operating in over 700 theatres throughout the world. Be sure you take advantage of this experience when specifying Integrators to your theatre customers.

Please let us hear from you soon to insure early delivery.

Very truly yours,

FAIRCHILD RECORDING EQUIPMENT COMPANY

A handwritten signature in cursive script that reads "C. J. Bachman".

C. J. BACHMAN, Manager
Theatre Equipment Product Section

CJB:fr
Encl: P/L

GENERAL

The FAIRCHILD Perspecta Stereophonic Sound Integrator is the key electronic unit in the Perspecta Stereophonic Sound System, designed and developed by Perspect-A-Sound, Inc.

This unit takes sound and speech from a single optical track and distributes it to a three-channel stereophonic system in accordance with control information recorded on the sound track in the form of three sub-audible carriers.

This means that the viewing audience will hear sounds from three sources behind the screen in any combination of direction and intensity required by the action and content of the picture material then showing on the screen.

When a non-Perspecta Sound picture is being projected an AUTO-SWITCHING control deactivates the Perspecta Sound feature and channels the sound through the center speaker system, making the side channels inoperative.

The FAIRCHILD Integrator is made in three models which differ only in the amount of gain built into the front end of the unit:

- (1) the FAIRCHILD Model 315B-1 Integrator has zero gain and consists of the following units:
 - (a) Integrator Unit per R21477
 - (b) Power Supply Unit per G21518
- (2) the FAIRCHILD Model 315B-34 Integrator is identical with (1) above except that a FAIRCHILD Model 652 Preamplifier is incorporated which contributes a gain of 40 db.
- (3) the FAIRCHILD Model 315B-60 Integrator is identical with (2) above except that it incorporates ahead of the preamplifier a FAIRCHILD Model 823 Input Transformer boosting the gain to 60 db.

DESCRIPTION

The physical size and shape of the FAIRCHILD 315B-1, 315B-34 and 315B-60 Integrators are identical.

A. The FAIRCHILD Integrator Unit:

Size: 19" Wide by 10 $\frac{1}{2}$ " high by 13" Deep

Weight: Net - 39 $\frac{1}{2}$ pounds

Mounting details: For mounting in a standard 19" rack or 19" equipment cabinet.

B. The FAIRCHILD Power Supply:

Size: 19" wide by 5-1/4" high by 10" deep

Weight: Net - 10 pounds

Mounting details: For mounting in a standard 19" rack or 19" equipment cabinet.

SPECIFICATIONS

1. INPUT IMPEDANCE AND LEVEL:

Model 315A	600 ohms	0 dbm
Model 315A-34	100,000 ohms (can be used to bridge 600 ohm circuit)	-40 dbm adjustable
Model 315A-60	600 ohms, 250 ohms or 50 ohms	-60 dbm adjustable

2. OUTPUT IMPEDANCE AND MAXIMUM LEVEL:

Designed to work into 600 ohms load.

Calibration signal of 70%. Track modulation 100% per Test Reel No. P1. Produces an output of -4 dbm \pm 2 db all channels.

Maximum output = +2 dbm.

3. CARRIER FREQUENCY: Left channel - 30 cycles
Center channel - 35 cycles
Right channel - 40 cycles

4. CARRIER LEVEL:

Maximum carrier amplitude 16 db below a 100% modulated sound track produces a reading of "70" on the carrier meter. Individual carriers have adjustment which can compensate for as much as 12 db loss in low frequency response of the projection equipment.

5. FREQUENCY CHARACTERISTIC OF CARRIER FILTERS:

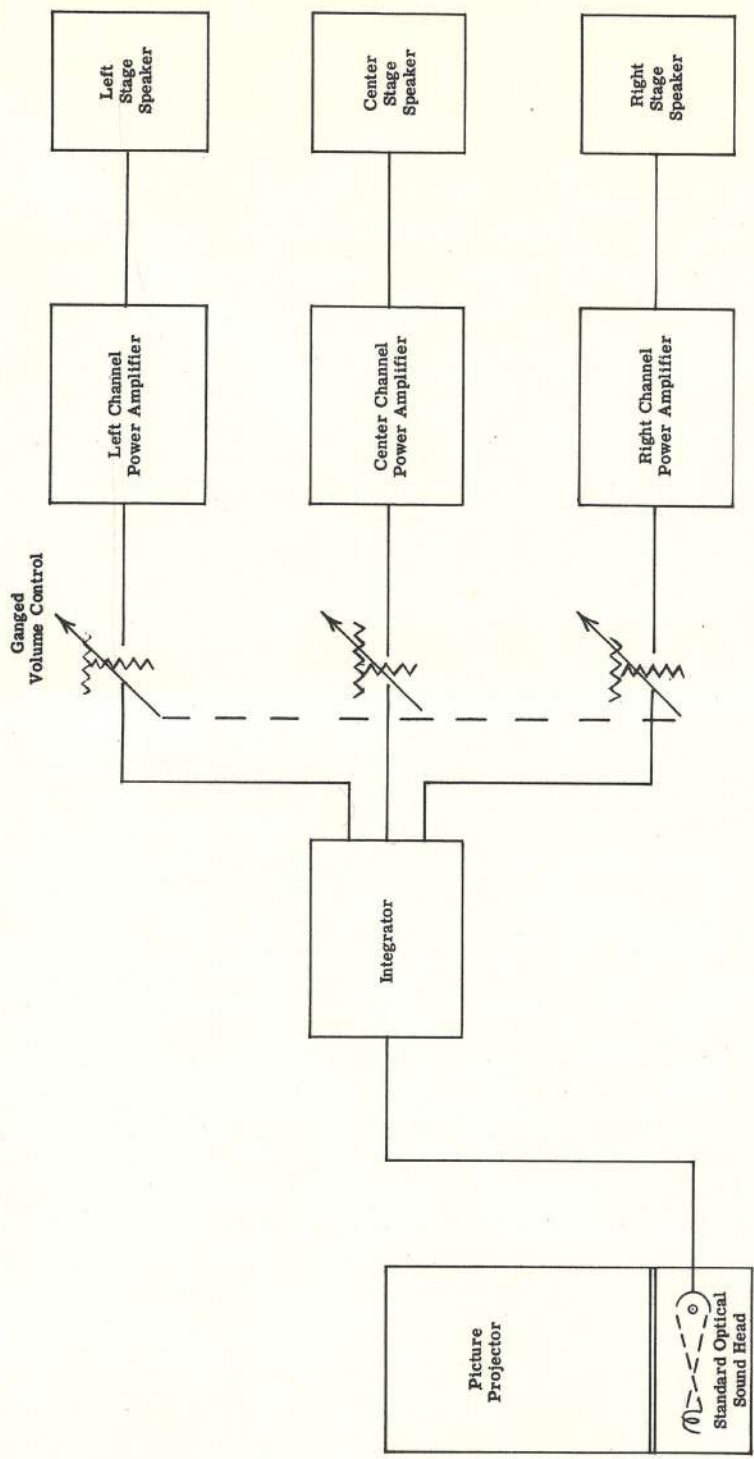
- (a) Flat top within 0.5 db for a 2 cycle band width.
- (b) 3 db point 2 cycles from center frequency.
- (c) 20 db point 5 cycles from center frequency.

6. CARRIER CONTROL CHARACTERISTICS:

- (a) Range of carrier control at least 20 db.
- (b) Operate and release time 600 milliseconds.

7. FREQUENCY CHARACTERISTIC SPEECH CHANNELS:

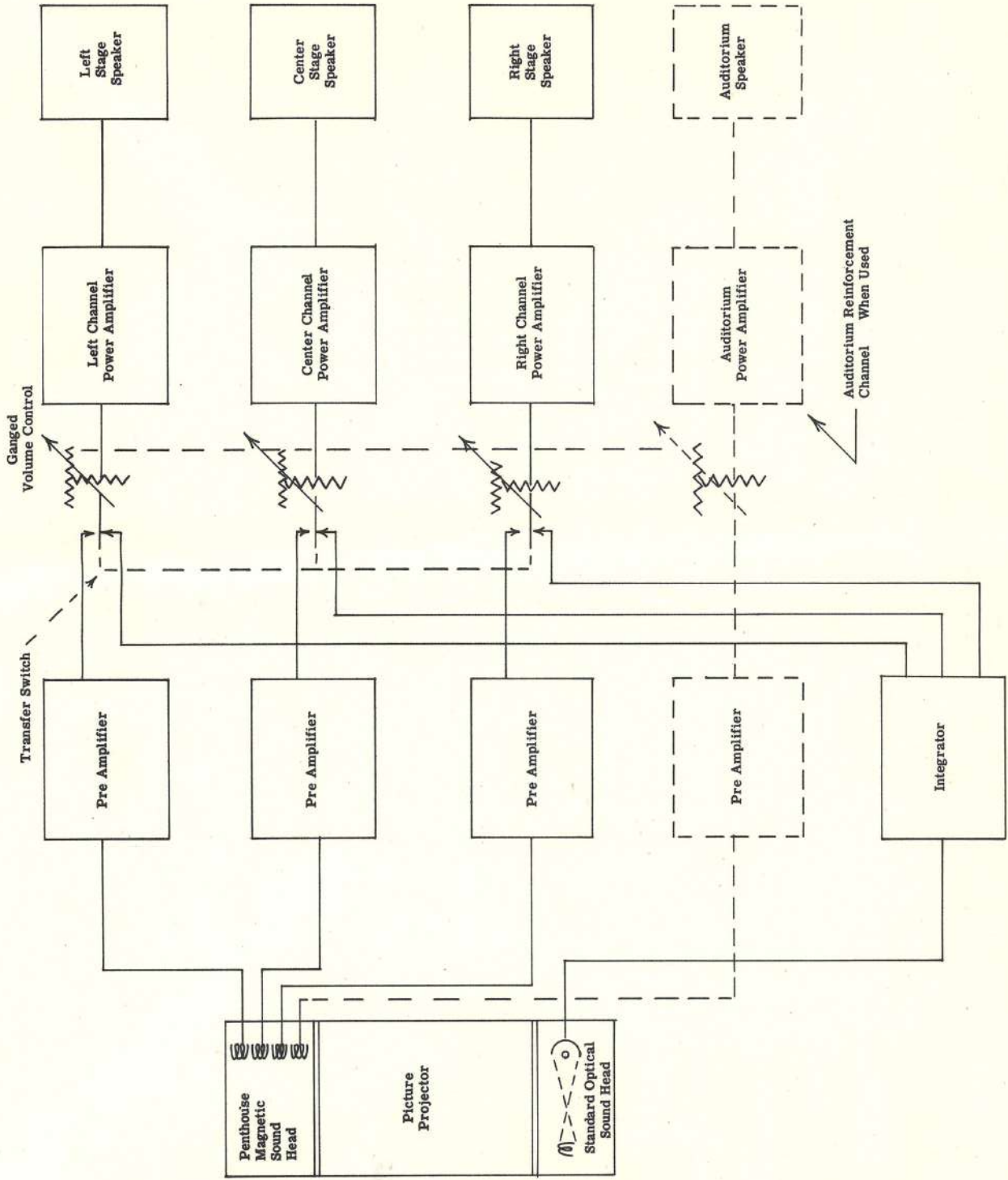
\pm 1 db, 70 to 10,000 cycles



TYPICAL PERSPECTA STEREOPHONIC
THEATER INSTALLATION

FAIRCHILD RECORDING EQUIPMENT COMPANY
Whitestone, New York

NUMBER
D10979



PERSPECTA STEREOGRAPHIC SOUND INSTALLATION
 IN CONJUNCTION WITH TYPICAL MAGNETIC STEREOGRAPHIC
 THEATER INSTALLATION.