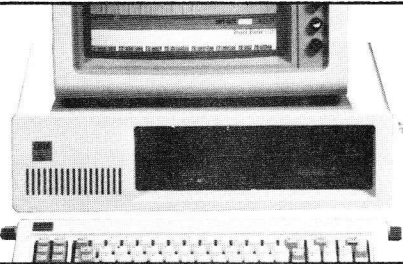


PRICE LIST

**M A T E • T R A C** DESIGN THIRTY TWO



Transforms your IBM PC or IBM compatible computer into a multi-image programming system

\$1,495.00

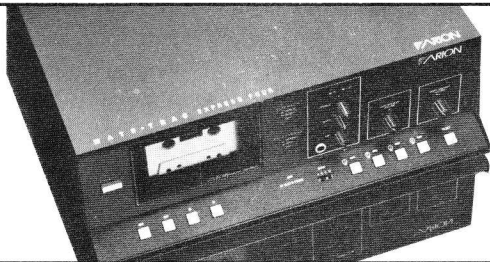
**M A T E • T R A C** 828



Creative programming and playback capabilities come together in a single, compact package.

\$2,795.00

**M A T E • T R A C** EXPRESS FOUR



The only portable 4 projector presentation system with integrated professional quality stereo sound.

\$2,195.00

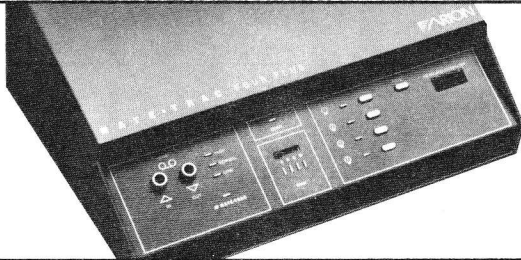
**M A T E • T R A C** DESIGN SIXTEEN



Achieves performance levels previously associated only with the world's largest, highest priced multi-image systems.

\$1,595.00

**M A T E • T R A C** FOUR PLUS



The world's most popular 4 projector dissolve control.

\$1,395.00

**M A T E • T R A C** TWO PLUS



The remarkably advanced multi-image system designed specifically for 2 projectors.

\$695.00

# M A T E • T R A C S E R I E S P R I C E L I S T

Model Number	Product Description	USA List Price
D32	MATE-TRAC DESIGN 32 Interface and Diskette	\$1,495.00
D16	MATE-TRAC DESIGN SIXTEEN Memory Programmer	1,595.00
828	MATE-TRAC 828 Memory Programmer	2,795.00
828S-AV	MATE-TRAC 828 Memory Programmer S-AV	2,850.00
EX4	MATE-TRAC EXPRESS FOUR	2,195.00
EX4S-AV	MATE-TRAC EXPRESS FOUR S-AV	2,280.00
EX4S	Optional Speakers (2 per set)	90.00
4P-U	MATE-TRAC FOUR PLUS Dissolve Control	1,395.00
4PS-AV	MATE-TRAC FOUR PLUS Dissolve Control S-AV	1,450.00
TP-AK	MATE-TRAC TWO PLUS Dissolve Control and Keyboard	695.00
TPS-AVK	MATE-TRAC TWO PLUS Dissolve Control and Keyboard S-AV	750.00
TP-A	MATE-TRAC TWO PLUS Dissolve Control only	575.00
TPS-AV	MATE-TRAC TWO PLUS Dissolve Control only S-AV	625.00
TPK	MATE-TRAC TWO PLUS Keyboard only	175.00
835	MATE-TRAC POWER CONTROL	270.00
836	MATE-TRAC LIGHT DIMMER	250.00
829	MATE-TRAC FILM PROJECTOR CONTROL	295.00
826U	MATE-TRAC SYNCHRONIZER	150.00
826S-AV	MATE-TRAC SYNCHRONIZER with S-AV Cable	190.00
A 0624	Auxiliary 15' Cable (EK Type)	15.00
583.EK7-4	Extension 4' Control Cable to Projector	30.00
583.EK7-8	Extension 8' Control Cable to Projector	40.00

\*Prices Effective January 1, 1984  
Subject to change without notice statement

## ARION STANDS BEHIND ITS PRODUCTS

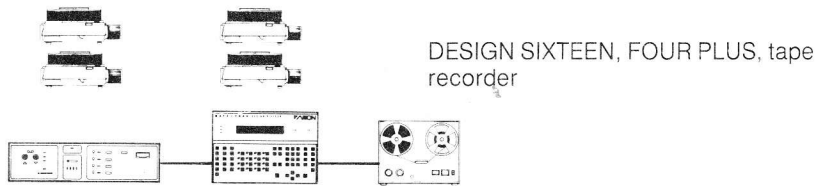
Only Arion offers a full two year warranty, twenty-four hour service turnaround and an around the clock hotline to answer your questions from anywhere in the continental United States.

To place your order, call our toll free number 800/328-0595  
Minnesota residences may call: 612/972-3351  
Telex: 469001

\*This sheet is intended to show you various configurations of multi-image presentations and to indicate equipment needed for each. Your particular need may be filled by a configuration not shown here. Call us and we will help to specify the system most efficient for your application — 2 projectors to 200!

## PROGRAMMING AND PLAYBACK

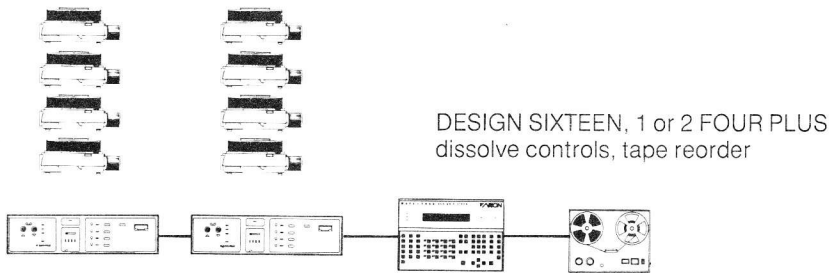
### 2 TO 4 PROJECTORS



OPTIONS:

1. DESIGN SIXTEEN, 1 or 2 TWO PLUS, Kodak or 3M dissolve controls, tape recorder
2. DESIGN 32 can replace DESIGN SIXTEEN
3. 828 MEMORY PROGRAMMER and tape recorder

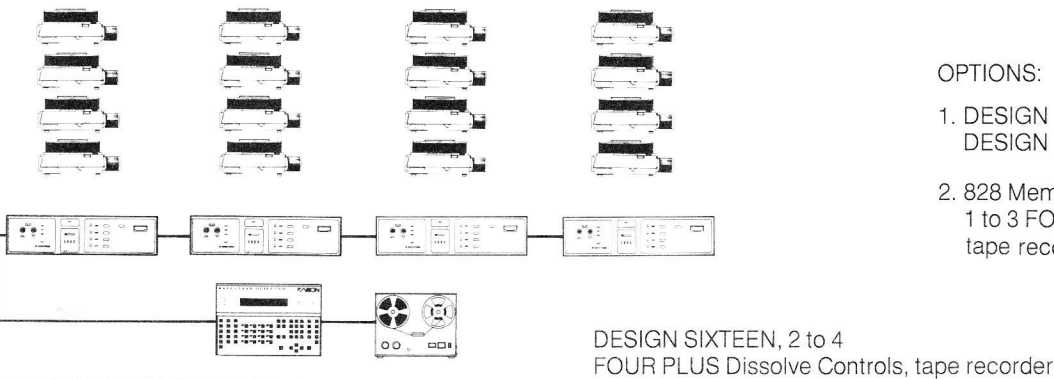
### 4 TO 8 PROJECTORS



OPTIONS:

1. DESIGN SIXTEEN, 2 to 4 TWO PLUS, Kodak or 3M dissolve controls, tape recorder
2. DESIGN 32 can replace the DESIGN SIXTEEN
3. 828 Memory Programmer, FOUR PLUS dissolve control, tape recorder

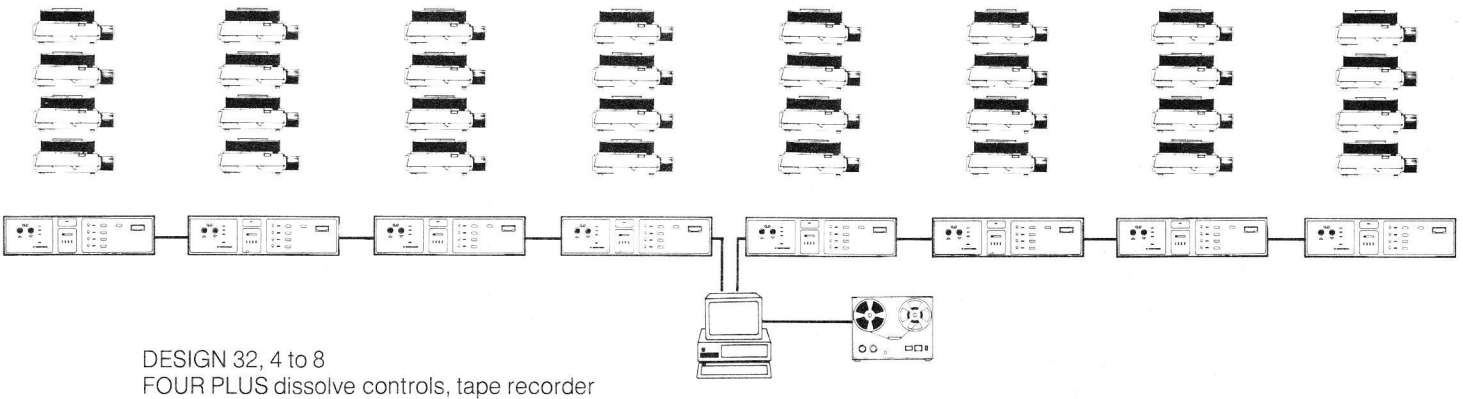
### 8 TO 16 PROJECTORS



OPTIONS:

1. DESIGN 32 can replace DESIGN SIXTEEN
2. 828 Memory Programmer, 1 to 3 FOUR PLUS, dissolve controls, tape recorder

### 17 to 32 PROJECTORS



\*Optional equipment may be added to each system for up to 3 auxiliary devices per FOUR PLUS or EXPRESS FOUR dissolve control or 1 auxiliary device per TWO PLUS dissolve control.

— HOUSE, WASH and PODIUM LIGHTS each require an OMNI-MATE LIGHT DIMMER.

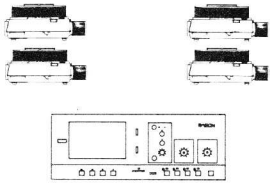
— FILM PROJECTORS each require an OMNI-MATE FILM PROJECTOR CONTROL.

— A PRINTER may be connected to any DESIGN 32 or DESIGN SIXTEEN for a hard copy printout of your entire show.

— A POWER CONTROL is used when additional power is required to operate auxiliary devices.

## PLAYBACK ONLY

### 2 TO 4 PROJECTORS

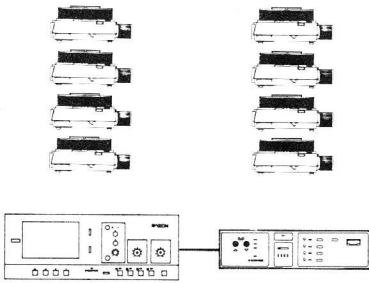


EXPRESS FOUR presentations system

**OPTIONS:**

1. FOUR PLUS, tape recorder
2. 1 or 2 Kodak, 3M or TWO PLUS dissolve controls, tape player

### 4 TO 8 PROJECTORS

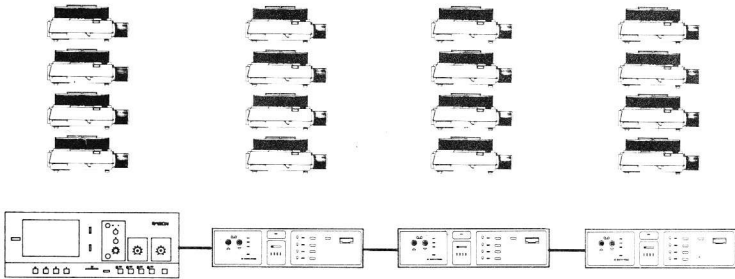


EXPRESS FOUR presentation system,  
FOUR PLUS dissolve control

**OPTIONS:**

1. 1 or 2 FOUR PLUS dissolve control, tape player
2. 2 or 4 TWO PLUS, Kodak, or 3M dissolve controls, tape player
3. EXPRESS FOUR presentation system, up to 2 Kodak, 3M or TWO PLUS dissolve controls

### 8 TO 16 PROJECTORS



EXPRESS FOUR presentation system,  
2 or 3 FOUR PLUS dissolve controls

**OPTIONS:**

1. 2 to 4 FOUR PLUS dissolve controls, tape player

### Screen Size Chart

1. Overhead and Opaque projection distances are measured from lens to screen.
2. All other projection distances are measured from film to screen.
3. Because of lens manufacturing tolerances, projection distances shown may vary 6 inches either way.

**HOW TO FIND EXACT SCREEN SIZE:**

Aperture Width x Projection Throw in inches ÷ Lens Focal Length = width of screen needed. For example: Aperture .380" (16mm movie projector) x 320" (projection throw . . . desired distance from screen) ÷ 2" (lens focal length) = a 60" screen.

WHR % width to height ratio

**2"x2" DOUBLE FRAME-35mm SLIDES — APERTURE: 1.35"W x .902"H**

LENS FOCAL LENGTH	SCREEN WIDTH												
	40"	50"	60"	70"	84"	96"	9'	10'	12'	14'	16'	18'	20'
1"	2.6	3.3	3.9	4.5	5.4	6.1	6.8	7.6	9.1	10.5	12.0	13.5	15.0
1.4"	3.7	4.6	5.4	6.3	7.5	8.5	9.6	10.6	12.7	14.8	16.8	18.9	21.0
2"	5.3	6.5	7.7	9.0	10.7	12.2	13.7	15.2	18.1	21.1	24.0	27.0	30.0
3"	7.9	9.8	11.6	13.5	16.1	18.3	20.5	22.7	27.2	31.6	36.1	40.5	44.9
4"	10.6	13.0	15.5	18.0	21.4	24.4	27.3	30.3	36.2	42.2	48.1	54.0	59.9
5"	13.2	16.3	19.4	22.4	26.8	30.5	34.2	37.9	45.3	52.7	60.1	67.5	74.9
5.5"	14.5	17.9	21.3	24.7	29.4	33.5	37.6	41.7	49.8	58.0	66.1	74.3	82.4
6"	15.8	19.5	23.2	26.9	32.1	36.6	41.0	45.5	54.3	63.2	72.1	81.0	89.9
6.5"	17.1	21.2	25.2	29.2	34.8	39.6	44.4	49.2	58.9	68.5	78.1	87.8	97.4
7"	18.5	22.8	27.1	31.4	37.5	42.7	47.8	53.0	63.4	73.8	84.1	94.5	104.9
7.5"	19.8	24.4	29.0	33.7	40.2	45.7	51.3	56.8	67.9	79.0	90.1	101.3	112.4
8"	21.2	26.0	31.0	35.9	42.8	48.7	54.7	60.6	72.5	84.3	96.2	108.0	120.0
8.5"	22.4	27.7	32.9	38.2	45.5	51.8	58.1	64.4	77.0	89.6	102.2	114.8	127.4
9"	23.7	29.3	34.8	40.4	48.2	54.8	61.5	68.2	81.5	94.8	108.2	121.5	134.8
9.5"	25.1	30.9	36.8	42.6	50.9	57.9	64.9	72.0	86.0	100.1	114.2	128.3	142.3
10"	26.4	32.6	38.7	44.9	53.5	60.9	68.3	75.8	90.6	105.4	120.2	135.0	149.8
12.5"	33.0	40.7	48.4	56.1	66.9	76.2	85.4	94.7	113.2	131.7	150.2	168.8	187.3
15.5"	40.9	50.5	60.0	69.6	83.0	94.4	105.9	117.4	140.4	163.3	186.3	209.3	232.2
20"	52.8	65.1	77.4	89.8	107.1	121.9	136.7	151.5	181.1	210.8	240.4	270.0	299.7

Projection Distance in Feet