

New! The Ultimate Presentation System



Dissolve Control with Audio

The new EXPRESS FOUR is the only portable four projector presentation system with integrated, professional quality stereo sound. In a single package, advanced audio components come together with the world's most reliable dissolve control to form a striking example of creative, innovative industrial design. Powerful micro electronics provide flawless control for your 1,2,3, even 4 projector shows. Built-in stereo provides you with pure sound clarity comparable to that of professional sound studios.

All the complexity associated with sophisticated slide show presentations is set aside. One touch activates both projectors and stereo. When your show has ended, the EXPRESS FOUR automatically rewinds the tape and returns the slide trays to the beginning so that you're ready for your next presentation.

MATE-TRAC EXPRESS FOUR,
the professional communicators' choice.

MATE-TRAC™ EXPRESS FOUR Additional Features:

- > Expandable for up to 16-projector presentations with additional Arion FOUR PLUS, TWO PLUS, 3M or Kodak dissolve controls
- > Individual projector control for fast, effortless projector alignment
- > Built-in projector outlets eliminate the need for multi-outlet junction boxes
- > Front loading tape deck assures proper cassette positioning
- > Sealed tone and volume controls prevent dust from creating unwanted noise
- > Automatic tray reset in the event of power interruption
- > Continuous 25 watts per channel
- > Optional high efficiency speakers require less power
- > Microphone accommodation for live speaker support
- > Remote control options for tape start and stop and the dissolve control
- > Internal modular design provides unmatched channel separation
- > Superb sound reproduction for all tape formats and types
- > Automatic pause between tape direction changes to eliminate tape stretching and breaking

The MATE-TRAC Series FLAWLESS PERFORMANCE

At the heart of all MATE-TRAC controls is Arion's ingenious synchronizing signal to provide perfect slide to tape synchronization — every time. Forward your tape, reverse it, even skip a sequence; the MATE-TRAC signal updates automatically regardless of fluctuations in signal phase, level, tape quality, signal quality or type of recorder used for playback.

SOUND SYSTEM SPECIFICATIONS

Track system 4-track, 2-channel audio
1 channel signal

Tape speed 4.8 cm/s (1-7/8 ips)

Output (level and load impedance)
specified output level:
—3.5 dB (518 Mv)/50 kohms

Motor

1 DC servo motor (for capstan drive)
1 DC motor (for reel drive)

Bias frequency 100 kHz

Operation position Horizontal

Tape speed deviation 3,000 Hz \pm 70 Hz

Tape speed drift 70 Hz

Wow and flutter

Playback: 0.06% (WRMS)

Pinch roller pressure 350 g to 450 g
(12.3 oz to 15.9 oz)

Reel torque

Take-up: 35 to 65 g-cm (0.49 to 0.90 oz-inch)

Supply: 2 to 4 g-cm (0.028 to 0.056 oz-inch)

FF: 0 to 150 g-cm (1.1 to 2.1 oz-inch)

REW: 80 to 150 g-cm (1.1 to 2.1 oz-inch)

Fast wind time

90 sec. for MTT-501 (C-60)

Signal-to-noise ratio greater than 55 dB, A-weighted
(referred to IEC/DIN standard level)

Channel Separation 30 dB min. at 1 kHz

Adjacent track crosstalk 40 dB min. at 125 Hz

Total harmonic distortion

less than .25% at rated power

Frequency Response 50 Hz-15 kHz \pm 1dB

Tone Control Range Bass \pm 10 dB @ 100 Hz
Treble \pm 10 dB @ 10 kHz

Minimum Speaker Impedance 4 ohms

Continuous r.m.s. Output Power

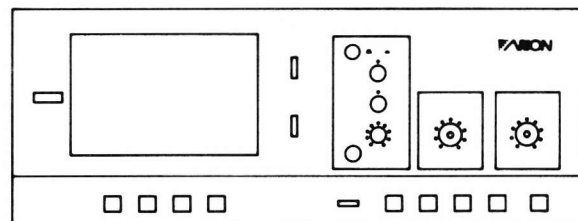
(both channels driven)

25 Watts per channel, into 4 ohms

ARION OFFERS THESE EXCLUSIVES

Only Arion gives you a two year warranty, same day equipment servicing, and an around the clock hotline to answer your questions from anywhere in the continental United States.

Arion's worldwide dealer network ensures the highest level of service no matter where or when it's needed.



DISSOLVE CONTROL SPECIFICATIONS

- 4-Projector playback (add on capability)
- Programmable using Arion programmers
- Programmable using remote control
- 115/220 Volts AC, 20 Watts
- Automatic Frequency Sensing, 50/60 Hz
- Set-up keys for easy alignment
- Mate-trac™ verification indicator
- Built-in projector power outlets
- 2-Auxiliary Controls, (3A @ 30VDC)
- Playback unit for Arion memory programmers
- All metal construction
- ¼" phone jacks for extra secure signal connection
- 200% Quality inspected and tested
- Dimensions: H = 74mm (2.9in)
W = 292mm (11.5in)
D = 249mm (9.8in)
- Weight: 8 Kg (18 pounds)
- Mate-trac compatible

