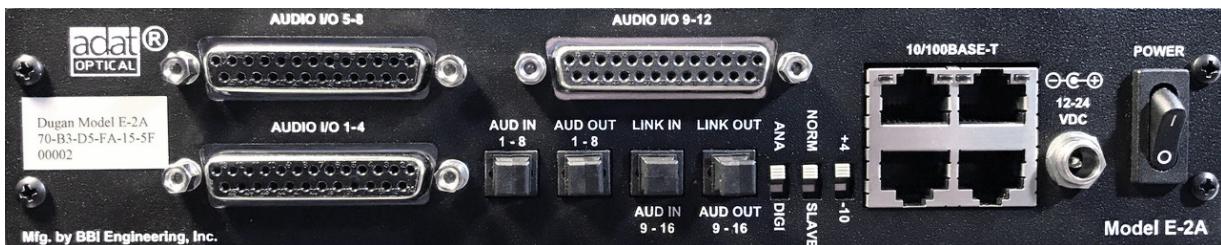




Dan Dugan  
SOUND DESIGN

## Model E-2A Automatic Mixing Controller Balanced Analog



### APPLICATIONS

TV news and sports panels, political debates  
Conference reinforcement, video trucks  
Reality shows, game shows  
Wireless mics for theater  
Boardrooms, civic meeting rooms  
Teleconferencing and distance learning  
Houses of worship

### BENEFITS

Eliminates late upcuts  
Reduces PA feedback and studio noise  
Reduces comb filtering from adjacent mics

### FEATURES

28 channels of processing, 12 Analog plus 16 ADAT  
All Dugan algorithms: Speech System, Music System and Gain Limiting  
Six-bus pre/post matrix mixer  
Channels may be grouped into three independent automixers  
Four switched Ethernet ports available for control network  
Remote control from Dugan Control Panel for Java (included) and Dugan Control Panel for iPad (sold separately)  
Physical remote control from Dugan Model K Control Surface (sold separately)  
Miniature control panel for setup or adjustments from front panel  
Standard Dugan linking for larger systems

# Specifications

AUDIO	
ANALOG I/O	12 inputs active balanced, 12 outputs balanced and cross-coupled
DIGITAL I/O	8 inputs, 8 outputs, ADAT optical Linking disabled: LINK connectors reassigned as ADAT I/O 9-16
GAIN	Unity
SAMPLE RATE	Analog: 48 kHz Digital: 48 or 44.1 kHz (synchronizes to input)
BIT DEPTH	24 bit
AUDIO LATENCY	1.8 ms
FREQUENCY RESPONSE	20 Hz to 12 kHz +/- 0.05 dB, 20 Hz to 20 kHz +/- 0.2 dB
OUTPUT NOISE	-87.5 dBu
MAXIMUM OUTPUT	+22 dBu
DISTORTION	0.003% (THD + N)
LINKING	Up to 8 units can be linked into one system in an optical ring network
CONNECTORS	
AUDIO	Analog: 3x DB25 wired to TASCAM digital audio pinout Digital: ADAT optical I/O
CONTROL	4 x RJ45: Four-port internal switch for network Linking: ADAT optical with proprietary format, reassigned for audio I/O when linking disabled
POWER	
CONNECTOR	Coaxial with locking collar, 5.5 mm o.d., 2 mm i.d., center positive
ELECTRICAL	Nominal 12 VDC, 1.5 A maximum; accepts 12-24 VDC
EXTERNAL SUPPLY	Input: 100-240 VAC, 50-60 Hz, 30W      Output: 18 VDC, 1.33 A Approved UL, CE
PHYSICAL	
DIMENSIONS	Height = 1.75 in (4.5 cm) Depth = 8.3 in (21 cm) Width = 8.75 in (22.2 cm)
RACK MOUNTING	1 RU, parts included to mount single unit or two units side-by-side
WEIGHT	5.9 lb (1.6 kg) 7 lb (2.6 kg) in shipping box with power supply