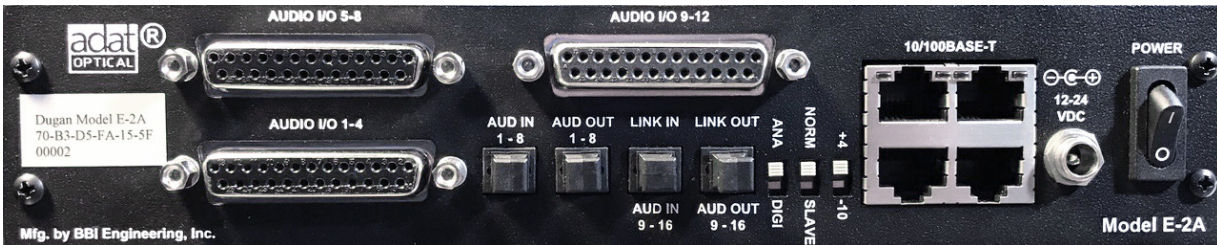




Dan Dugan
SOUND DESIGN

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

Dan Dugan Sound Design
290 Napoleon Street, Studio E
San Francisco, CA 94124

T: (415) 821 - 9776
F: (415) 826 - 7699
www.dandugan.com
dan@dandugan.com

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