

Dugan-VN16 Automatic Mixing Controller Card



THE DUGAN-VN16 is a 16-channel automatic mixing controller that plugs into a slot in AVID™ digital mixing systems. Sound engineers can now manage multiple live mics without continually riding individual faders. The Dugan-VN16 automatically detects the active mics and makes fast, transparent cross-fades without the distracting sonic artifacts common to noise gates. It tracks unscripted dialogue perfectly and maintains consistent system gain for up to 16 open mics. With the Dugan-VN16, cueing mistakes and late fade-ups are a thing of the past!

APPLICATIONS

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

BENEFITS

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

CAPABILITIES

- Add automixing capability to any Avid SC48, FOH Rack-, or Mix Rack-based live sound system
- Partition channels into one to three groups that can span linked units
- Link with up to seven external Dugan controllers
- Control remotely from Dugan Control Panel for Java (included) and Dugan Control Panel for iPad (sold separately))

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



“You’ve got a lot of believers around here that wouldn’t do a major event without your gear.”

MURDOCH MACNEIL, ABC

“I just had the pleasure of utilizing two Dugans at a corporate meeting ... I was amazed and very pleased with the ease of use, the sound quality, and the gain-balancing/auto-switching features of the units... the system never glitched, dropped a word, or fed back, and each speaker sounded loud and clear! Thank you much for a great product.”

JOHN CLEMENTS

Specifications

OPERATING MODES

STANDARD	16 channels of Dugan mixing ADAT connectors link multiple Dugan units
SHARED	8 channels of Dugan mixing and 8 channels of general purpose ADAT I/O
IO 16	16 channels of general purpose ADAT I/O

AUDIO

DIGITAL I/O	ADAT optical, 24 bit, 48 kHz (Shared and IO 16 modes only)
GAIN	Unity
AUDIO LATENCY	2 ms
LINKING	Up to 8 Dugan units may be linked in an optical ring network

CONNECTORS

10/100 BASE T	RJ-45
WORD CLOCK OUTPUT	BNC
LINKING AND DIGITAL I/O	ADAT optical

PHYSICAL

COMPATIBLE AVID SYSTEMS	SC48, SC48 Remote, FOH Rack, Mix Rack*
DIMENSIONS	Height = 4.4 cm (1.75 in) Depth = 43.2 cm (17 in) Width = 21.6 cm (8.5 in)
WEIGHT	1430 g (1 lb 2.5 oz)

*Only one Dugan-VN16 card can be installed in an Avid live sound system. Please note that you cannot use an Avid IOx or IO16 Option Card in conjunction with the Dugan-VN16 card.