

## 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

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

### AUDIO

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

### CONNECTORS

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

### PHYSICAL

<b>COMPATIBLE AVID SYSTEMS</b>	SC48, SC48 Remote, FOH Rack, Mix Rack*
<b>DIMENSIONS</b>	Height = 4.4 cm (1.75 in) Depth = 43.2 cm (17 in) Width = 21.6 cm (8.5 in)
<b>WEIGHT</b>	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.