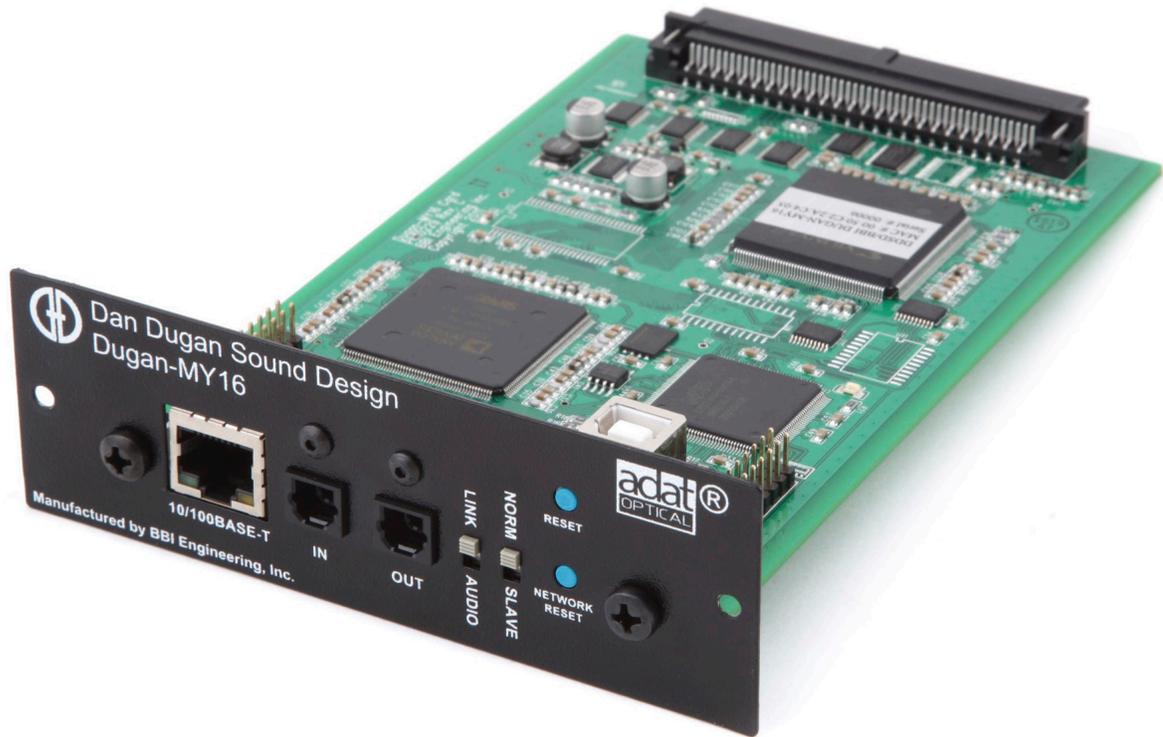


Dugan-MY16 Automatic Mixing Controller Card



THE DUGAN-MY16 is a 16-channel automatic mixing controller that plugs into a slot on Yamaha consoles. Sound engineers can now manage multiple live mics without continually riding individual faders. The Dugan-MY16 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-MY16, 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
- Multiple wireless mics for theater
- Boardrooms, civic meeting rooms
- Teleconferencing and distance learning
- Houses of worship

BENEFITS

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

CAPABILITIES

- Remote control via Java applet or iPad app
- Units may be linked with other Dugan-MY16 cards or other Dugans for up to 8 units
- Supports 44.1/48/88.2/96 kHz sample rates

Sold exclusively through Yamaha commercial Audio Systems
 Yamaha Commercial Audio Systems, Inc.
 660 Orangethorpe Avenue
 Buena Park, CA 90620

T: (714) 522 - 9011
 F: (714) 522 - 9334
 www.yamahaca.com

Dan Dugan Sound Design Inc.

290 Napoleon Street, Studio E
 San Francisco, CA 94124

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



"I had my first opportunity to use your automatic mixer while doing a Nightline Town meeting... I was very impressed and do not want to do another show without them."

PHILIP BLACK, ABC NEWS

"I just got off the air mixing The View live from the Disney Studios in LA. The one piece of gear I specified for the show was a Dugan. I just have to say bravo. It worked beautifully keeping all the dialogue levels under control with five hosts and a procession of guests."

PETER BAIRD, REMOTE WEST

Specifications

OPERATING MODES	
STANDARD	16 channels of Dugan mixing ADAT connectors link multiple Dugan units
HIGH-RATE	8 Dugan mixing channels at 88.2 or 96 kHz ADAT connectors link multiple Dugan units
SHARED	Eight Dugan mixing channels at 44.1 or 48 kHz. The ADAT I/O connectors serve as a general-purpose interface that is available for patching on channels 9-16 of the Dugan-MY16's slot. These channels are unrelated to Dugan mixing and can be used as additional Yamaha mixer I/O.
AUDIO	
DIGITAL I/O	ADAT optical, 24 bit, 44.1 or 48 kHz (Shared mode 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
LINKING AND DIGITAL I/O	ADAT optical
PHYSICAL	
WEIGHT	160 g (6.5 oz), 0/6 kg (1 lb 5 oz) in shipping box

The Dugan-MY16 is designed to operate with the following Yamaha mixers:

PM5D/PM5D-RH	M7CL-48	DM1000	DME24N
DSP5D	LS9-32*	O2R96	CL5
M7CL-32	LS9-16*	O1V96	CL3
M7CL-48ES	DM2000	DME64N	CL1

* With LS9 firmware V1.21 or earlier, the LS9 insert patch points are pre-fader only. To properly mute mixer channels, you must use the Dugan Control Panel for Java (included) or the Dugan Control Panel for iPad (sold separately).