# MY16-AT

Mini-YGDAI Digital I/O Card for DM2000 and 02R96





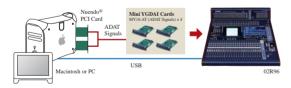
16-channel ADAT I/O via a Single Slot

The MY16-AT Mini-YGDAI

Digital I/O card can be used with Yamaha's DM2000 or 02R96 digital consoles to provide up to 16 channels of simultaneous ADAT-format optical input and output via a single expansion slot. All 16 channels can be used independently at sample rates up to 48 kHz, or the MY16-AT can be used for "double-channel" connection to 24-bit/96-kHz recorders providing 8 channels of I/O at 88.2 or 96 kHz.

## **Application Examples**

02R96 with Nuendo $^{\circ}$  32tr 96kHz Recording: MY16-AT x 4



02R96 with ALESIS HD24 x 2  $\,$  48tr 48kHz Recording: MY16-AT x 3 02R96 with ALESIS HD24 x 2  $\,$  24tr 96kHz Recording: MY16-AT x 3  $\,$ 



Sampling Frequency	I/O per card	6 Slots (DM2000)	4 Slots (02R96)
44.1, 48kHz	16ch	96ch	64ch*
88.2, 96kHz	8ch	48ch	32ch

<sup>\* 02</sup>R96 has 56 mixing channels

### General Specification

I/O	Input 1-8 x 2, Output 1-8 x 2
Format	ALESIS Proprietary Multichannel Optical Digital Interface Format
Connector	TOS LINK x 4

## Double-channel Connection with 24 bit/96-kHz recorders

Although the DM2000 and 02R96 handle 24-bit/96-kHz audio as standard, most of the currently available digital recorders can handle 24-bit/96-kHz audio only in double channel mode (using 2 tracks to make one). In this configuration the DM2000 and 02R96 use one channel for one track, but twice the number of I/O connections must be used. Thus, in double-channel mode a

single 16-channel MY16-AT card will handle up to 8 channels of 24-bit/96-kHz audio. With the newest recorders that handle 96kHz audio as standard (in double speed mode like the 02R96) you can make standard connections using the MY8-AE96 card.

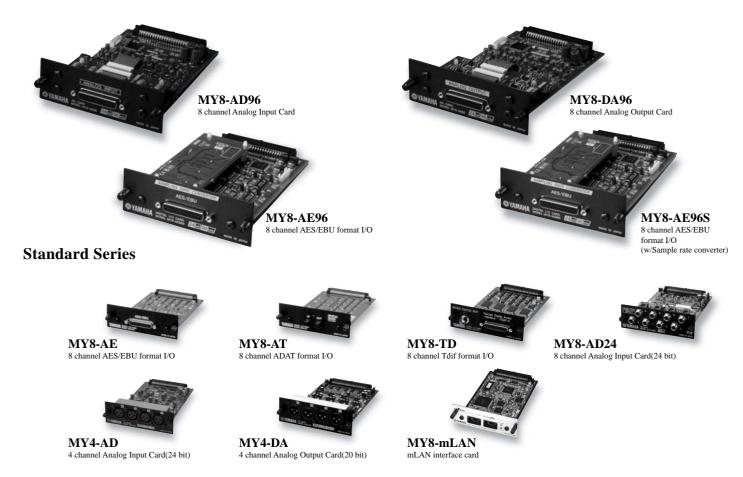
SLOT	134	OUT	58C			
177%	100	0071	177	00074	576	771
\$0.011 0.011	AMANA.	ASSESS.				
SLOTE FEMALE	SOUTH .	SOUTH L	-	-	12	
SLOTS	1986	Sand.	96 1949	963349	961189	96.116
SLOY4 SESSOR	9986	SPERF	GGG Datable	GE AH	Sec Little	(R)

# Mini-YGDAI Card Series

The DM2000 features six mini-YGDAI expansion slots and the 02R96 has four. All slots are 24 bit/96-kHz compatible, so you can select mini YGDAI cards to create the input/output configuration that's perfect for your needs. Whether you need digital I/O in ADAT, TASCAM, or AES/EBU format, or extra analog I/O capability, the appropriate cards are available. Top-quality I/O and DSP Plug-In cards are also available from other industry-leading manufacturers such as Apogee® and Waves®.

\* Guidence on the use of Mini-YGDAI cards http://www2.yamaha.co.jp/div/webmg/pa\_card/e/check.php3

#### 96-kHz Series



### Third Party Models

Y56K: Waves DSP Plug-in and ADAT I/O

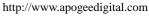


http://www.waves.com



**AP8AD:** Apogee AD converter **AP8DA:** Apogee DA converter







For details please contact:



http://www.yamaha.co.jp/product/proaudio/homeenglish



This document is printed on chlorine-free (ECF) paper with soy ink.

RPA02-6 Printed in Japan