MY16 Card Series

Mini-YGDAI Digital I/O Card
for DM2000, DM1000 and 02R96

MY16-AT
Available October 2002

16 channel ADAT format I/O

MY16-AE
Available March 2003

16 channel AES/EBU format I/O

MY16-TD
Available March 2003
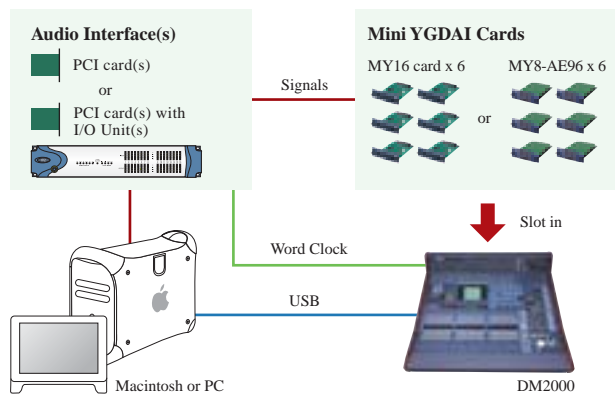
16 channel TDIF format I/O

16-channel Multi-format I/O via a Single Slot

The MY16 series Mini-YGDAI Digital I/O card can be used with Yamaha's DM2000, 02R96, DM1000 and future digital consoles to provide up to 16 channels of simultaneous ADAT-format (optical), AES/EBU-format (D-sub 25 pin) or TDIF-format (D-sub 25 pin) I/O via a single expansion slot. All 16 channels can be used independently at sample rates up to 48-kHz, or the MY16 card series can be used for "double channel" connection to 96-kHz recorders providing 8 channels of I/O at 88.2 or 96-kHz.

Application Examples

Computer-based DAW
48tr 96-kHz Recording with DM2000

Audio Interface(s)
- PCI card(s)
  or
- PCI card(s) with I/O Unit(s)

Mini YGDAI Cards
MY16 card x 6   MY8-AE96 x 6

or

Signals

Word Clock

Slot in

USB

Macintosh or PC

DM2000

Stand-alone 24tr HD Recorders
48tr 48-kHz (44.1-kHz) Recording with 02R96
24tr 96-kHz (88.2-kHz) Recording with 02R96

24tr HD Recorder x 2

Mini YGDAI Cards
MY16 card x 3

Slot in

Signals

Word Clock

02R96

Sampling Frequency	I/O per card	6 Slots (DM2000)	4 Slots (02R96)	2 Slots (DM1000)
44.1, 48-kHz	16ch	96ch	64ch*	32ch
88.2, 96-kHz	8ch	48ch	32ch	16ch

* 02R96 has 56 mixing channels.

General Specifications

	MY16-AT	MY16-AE	MY16-TD
I/O	Input x 16 Output x 16	Input x 16 Output x 16	Input x 16 Output x 16
Format	ALESIS Proprietary Multichannel Optical Digital Interface	AES/EBU	Tascam Digital Interface
Connector	TOS LINK x 4	D-sub 25 pin x 2	D-sub 25 pin x 2
Resolution	24 bit	24 bit	24 bit

Connection with 96-kHz recorders

Although the DM2000, DM1000 and 02R96 handle 96-kHz audio as standard, most of the currently available digital recorders can handle 96-kHz audio only in double channel mode (using 2 tracks to make one). In this configuration the DM2000, DM1000 and 02R96 use one channel for one (96-kHz) track, but twice the number of I/O connections must be used. The newly introduced MY16-AT/TD/AE cards can handle 16 channels of 44.1/48-kHz audio or up to 8 channels of 96-kHz audio in double channel mode. With the newest recorders that handle 96-kHz audio as standard (in double speed mode like the DM2000, DM1000 and 02R96) you can make standard connections using the MY8-AE96(S) card. MY8-AE96(S) card can work either in double speed or single speed mode.

Mini-YGDAI Card Series

The DM2000 features six mini-YGDAI expansion slots, the 02R96 has four and the DM1000 has two. 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®.
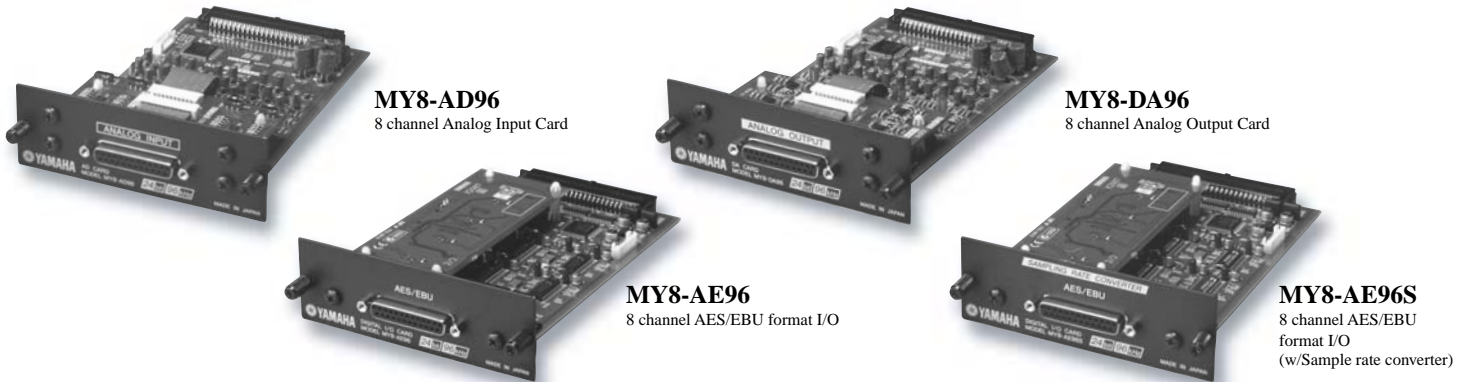
DM2000   02R96   DM1000

* Guidance on the use of Mini-YGDAI cards: **http://www2.yamaha.co.jp/div/webmg/pa_card/e/check.php3**
  (You can also find the link button to this page on: **http://www.yamahaproaudio.com**)
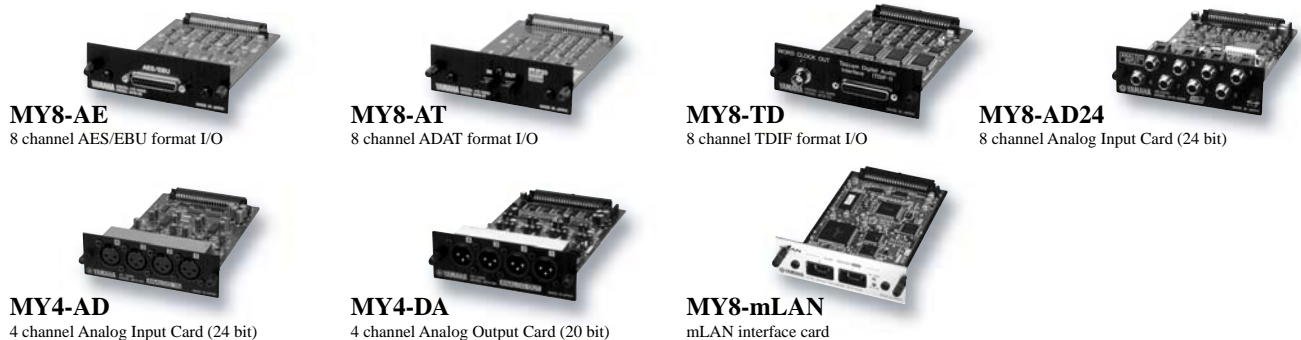
96-kHz Series

MY8-AD96
8 channel Analog Input Card

MY8-DA96
8 channel Analog Output Card

MY8-AE96
8 channel AES/EBU format I/O

MY8-AE96S
8 channel AES/EBU format I/O
(w/Sample rate converter)

Standard Series

MY8-AE
8 channel AES/EBU format I/O

MY8-AT
8 channel ADAT format I/O

MY8-TD
8 channel TDIF format I/O

MY8-AD24
8 channel Analog Input Card (24 bit)

MY4-AD
4 channel Analog Input Card (24 bit)

MY4-DA
4 channel Analog Output Card (20 bit)

MY8-mLAN
mLAN interface card

Third Party Models

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

http://www.waves.com

AP8AD: Apogee AD converter
AP8DA: Apogee DA converter

http://www.apogeedigital.com

For details please contact:

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

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