




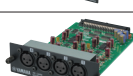
Mini-YGDAI Card

Analog


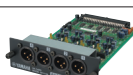
AD/DA

Model	Ch	Resolution	Connector	
MY8-ADDA96 	8in 8out	24bit	Euroblock x 4	96kHz compatible 8-in / 8-out analog audio interface. Max input / output level: +24dBu. 8x Euro block connectors (balanced).

AD



Model	Ch	Resolution	Connector	
MY8-AD96 	8in	24bit	D-sub 25 pin x 1	96kHz compatible 8-in analog audio interface. Max input level: +24dBu(default) / +18dBu; GAIN switches at each input port. 1x D-sub 25pin connector.
MY8-AD24 	8in	24bit	TRS Phone x 8	8-in analog audio interface. Max input level: +24dBu(default) / +4dBV; GAIN switches at each input port. 8x TRS phone jacks (balanced).
MY4-AD 	4in	24bit	XLR3-31 x 4	4-in analog audio interface. Max input level: +24dBu(default) / +18dBu / +4dBV; GAIN switches at each input port. 4x XLR-3-31 type connectors (balanced).

DA






Model	Ch	Resolution	Connector	
MY8-DA96 	8out	24bit	D-sub 25 pin x 1	96kHz compatible 8-out analog audio interface. Max output level: +18dBu. 1x D-sub 25pin connector (balanced).
MY4-DA 	4out	20bit	XLR3-32 x 4	4-out analog audio interface. Max output level: +18dBu(default) / +4dBV; GAIN switches at each output port. 4x XLR-3-32 type connectors (balanced).

Digital

ADAT


Model	Ch	Resolution	Connector	
MY16-AT 	16in 16out	24bit	OPTICAL x 4	16 in / 16 out ADAT interface. * If you use the card in Double Channel mode (FS: 88.2/96kHz), eight inputs and eight outputs are available.
MY8-AT 	8in 8out	24bit	OPTICAL x 2	8in / 8 out ADAT interface. * If you use the card in Double Channel mode (FS: 88.2/96kHz), four inputs and four outputs are available.

AES/EBU



Model	Ch	Resolution	Connector	
MY16-AE 	16in 16out	24bit	D-sub25 pin x 2	16 in / 16 out AES/EBU interface. * If you use the MY16-AE in Double Channel mode, selecting on the console's Word Clock Select page a slot that has the card installed enables the console to synchronize to the 88.2kHz or 96kHz clock signal.
MY8-AE96S 	8in 8out	24bit	D-sub25 pin x 1	96kHz compatible 8-in / 8-out AES/EBU interface. Equipped with a sampling rate converter at the input.
MY8-AE96 	8in 8out	24bit	D-sub25 pin x 1	96kHz compatible 8-in / 8-out AES/EBU interface.
MY8-AE 	8in 8out	24bit	D-sub25 pin x 1	8-in / 8-out AES/EBU interface.
MY8-AEB 	8in 8out	24bit	BNC x 9 (IN x 4, OUT x 4, REF Video x 1)	8-in / 8-out AES-3id-1995 compliant digital audio interface. x BNC for AES In/Out; 1x BNC for Reference Video In with the eXi-Clock sync capability.

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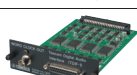
MADI

Model	Ch	Resolution	Connector	
MY16-MD64 	16in 16out	24bit	BNC x 2 Optical x 2 RJ-45 x 2	16-in / 16-out MADI interface. Expandable to 64 in / 64 out with MY16-EX expansion cards. 2x BNC connectors and 2x SC fiber connectors for MADI I/O and 2x RJ45 for MY16-EX connection.

SDI



Model	Ch	Resolution	Connector	
MY8-SDI-ED 	1in 1thru 2out	24bit	BNC x 1 BNC(same signal) x 2	HD-/SD-SDI embed/de-embed card. Capable to de-embed two of the 4 audio groups out of an HD-SDI signal to the console. Capable to embed two audio groups into an HD-/SD-SDI signal for output. 2x BNC Connectors for HD-/SD-SDI output (parallel), 1x BNC connector for Thru, and 1x BNC connector for HD-SDI input.
MY8-SDI-D 	1in 1thru	24bit	BNC x 2	HD-SDI de-embed card. Capable to de-embed two of the 4 audio groups out of an HD-SDI signal to the console. 2x BNC Connectors for HD-SDI input and thru. Compatible format: 720p: 50/59.94/60; 1080i: 50/59.94/60; 1080p: 25/29.97/30/24/23.976; 1080sF: 24/23.976; 1035: 59.94/60.

TDIF


Model	Ch	Resolution	Connector	
MY16-TD 	16in 16out	24bit	D-sub 25 pin x 2	16-in / 16-out TASCAM (TDIF-1) interface. 2x D-sub 25 pin connectors.
MY8-TD 	8in 8out	24bit	D-sub 25 pin x 1 BNC x 1	8-in / 8-out TASCAM (TDIF-1) interface. 1x D-sub 25 pin connector for digital audio and 1x BNC connector for Word Clock out.

Network


AVIOM A-Net

Model	Ch	Resolution	Connector	
16/o-Y1 	16out	24bit	etherCON CAT5e	16-out A-Net Pro16 interface for use with Aviom A-16II personal mixers. 1x etherCON CAT5 connector. Made by Aviom: http://www.aviom.com/
6416Y2 	16in 16out	24bit	etherCON CAT5e x2 D-sub 9 pin	16-in / 16-out A-Net Pro64 interface. Compliant with Yamaha HA Remote protocol. Made by Aviom: http://www.aviom.com/



CobraNet

Model	Ch	Resolution	Connector	
MY16-CII 	16in 16out	24bit	RJ-45 x 2	16-in / 16-out CobraNet interface. Compliant with Yamaha HA Remote protocol via slot. * If you use the card in Double Channel mode (FS: 88.2/96kHz), eight inputs and eight outputs are available.


Dante

Model	Ch	Resolution	Connector	
Dante-MY16-AUD 	16in 16out	24bit	RJ-45 x 2	16-in / 16-out Dante interface. Compliant with Yamaha HA Remote protocol. 2x RJ-45 connectors for Dante and 1x D-sub 9 pin for RS232-C. Made by Audinate: http://www.audinate.com/

EtherSound



Model	Ch	Resolution	Connector	
MY16-ES64 	16in 16out	24bit	etherCON x 2 (EtherSound) RJ-45 x 2 (for MY16-EX)	16-in / 16-out EtherSound (ES100) interface. Compliant with Yamaha HA Remote protocol. Expandable to 64 in / 64 out with MY16-EX expansion cards. * If you use the card in Double Channel mode (FS: 88.2/96kHz), eight inputs and eight outputs are available.
AVY16-ES100 	16in 16out	24bit	etherCON CAT5e x 2 RJ45(Third port) D-sub 9 pin	16-in / 16-out EtherSound (ES100) interface. Compliant with Yamaha HA Remote protocol. Made by Auvitrans: http://www.auvitran.com/

I/O Expansion



Model	Ch	Resolution	Connector	
MY16-EX 	16in 16out	24bit	RJ-45 x 4	16-in / 16-out expansion card for MY16-ES64 and MY16-MD64. 4x RJ-45 connectors.

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OPTOCORE


Model	Ch	Resolution	Connector	
YG2 	16in 16out	24bit	LC (single-/multi-mode) x 2 RJ-45 x 2 D-sub 9 pin x 1	16-in / 16-out Optocore interface. Expandable to 64 in / 64 out with YS2 expansion cards. 2x LC (single-/multi-mode) connectors for Optocore network, 2x RJ-45 connectors for YS2 card, and 1x D-sub 9 pin for RS232-C/USB. Made by Optocore: http://www.optocore.de/
YS2 	16out	24bit	RJ-45 x 2 D-sub 9 pin x 1	6-in / 16-out expansion card for YG2 Optocore interface. 2x RJ-45 connectors for YG2/YS2 card, and 1x D-sub 9 pin for upgrade internal logic. Made by Optocore: http://www.optocore.de/

ROCKNET


Model	Ch	Resolution	Connector	
RN.341.MY 	16in 16out	24bit	etherCON CAT5e x 2 D-sub 9 pin (HA Remote) RJ-45 x 1 USB 1.1/2.0 x 1	16-in / 16-out RockNet300 Interface. 2x etherCON CAT5 connectors for RockNet network, 1x D-sub 9 pin for RS232-C, 1x RJ45 connector for 10/100 Base-T Ethernet, and USB port for USB 1.1/2.0. Made by RIEDEL: http://www.riedel.net/
RN.141.MY 	16in 16out	24bit	etherCON CAT5e x 1 D-sub 9 pin (HA Remote) RJ-45 x 1 USB 1.1/2.0 x 1	16-in / 16-out RockNet100 Interface. 1x etherCON CAT5 connectors for RockNet network, 1x D-sub 9 pin for RS232-C, 1x RJ45 connector for 10/100 Base-T Ethernet, and USB port for USB 1.1/2.0. Made by RIEDEL: http://www.riedel.net/

Specialty

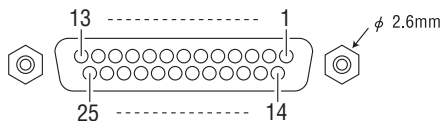
Echo Cancellation

Model	Ch	Resolution	Connector	
MY4-AEC 	4in 4out	24bit	Euroblock x 2	4ch acoustic echo canceller card for yamaha DME24N/64N. Supports 44.1, 48, 88.2, 96kHz sampling frequencies. Maximum echo time delay(Tail length) 400ms. High definition sound(frequency range 20Hz-20kHz). Additional 4ch AES/EBU I/O with SRC.

Waves SoundGrid

Model	Ch	Resolution	Connector	
WSG-Y16 	16in 16out	24bit	RJ-45 x 1 MIDI x 1	Enables to run Waves Plug-in Effects on Yamaha digital mixers. Supports 44.1, 48, 88.2, 96kHz sampling frequencies. 24 bit sample resolution. 16 channels of audio at 44.1/48kHz or 8 channels of audio at 88.2/96kHz. MIDI port for snapshot and parameter control. Made by Waves: http://www.waveslive.com/

Pin Assignments of D-SUB25 Connector



AES/EBU

Signal		Data In Ch				Data Out Ch				Open	GND
		1-2	3-4	5-6	7-8	1-2	3-4	5-6	7-8		
Pin	Hot	1	2	3	4	5	6	7	8	9,11	10, 12, 13, 22, 23, 24, 25
	Cold	14	15	16	17	18	19	20	21		

AD/DA

Signal		Output Ch								Open	GND
		1	2	3	4	5	6	7	8		
Pin	Hot	24	10	21	7	18	4	15	1	13	2, 5, 8, 11, 16, 19, 22, 25
	Cold	12	23	9	20	6	17	3	14		

• Specifications and appearance are subject to change without notice.

Mini-YGDAI Card Matching

Due to power consumption mismatches and other considerations, some combinations of Mini-YGDAI Cards cannot be used simultaneously. For details refer to the "Mini-YGDAI Card Matching" page on the Yamaha Pro Audio website:

<http://www.yamahaproaudio.com/>

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