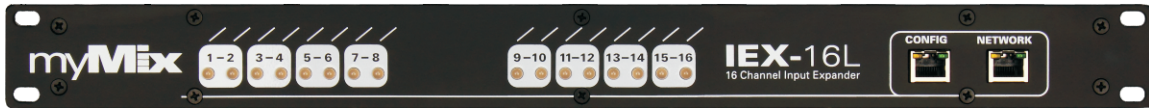


16 Channel Line Input Expander for myMix System with optional ADAT Interface



- 16 Balanced Line Level Inputs on two DB25 Connectors
- Optional available with additional 2 x 8ch ADAT® Interfaces
- Adds 16 Channels to *myMix* System in a 1U, 19-inch package
- Independent Audio Channel Selection on every *myMix* unit
- Convenient Signal Feed from a Mixing Console, External Microphone Pre-Amps or Digital Interfaces
- Individual Digital Gain Adjustment (0dB, +6dB, +12dB) per Input Channel
- Can be combined with other *myMix* Input and Output devices
- Configuration of IEX-16L from any *myMix* in the network or through the dedicated Configuration Port
- Works with 100MBps Fast Ethernet Switches
- Allows the Use of multiple IEX-16L with „virtually unlimited“ Audio Channels on Network
- Ethernet AVB ready

The IEX-16L is a 16-channel input expander for the *myMix* system. Equipped with two DB25 connectors, it allows the connection of up to 16 balanced line-level signals that can be fed from devices such as mixing consoles or external microphone pre-amps. The IEX-16L is also available with two additional 8 channel ADAT® inputs, which can be activated individually. This allows to use 16 Line level sources, or 8 line level and 8 ADAT® inputs, or 16 ADAT® inputs on a single IEX-16L. Multiple IEX-16L can be used in a *myMix* network. The IEX-16L can be configured using any *myMix* device on the network, including input channel naming and stereo linking. The configuration is stored automatically in the IEX-16L. Connecting a *myMix* to the configuration port allows locking and unlocking of the IEX-16L.

myMix uses conventional Fast Ethernet Switches for the network connection. A *myMix* network operating more than 16 audio channels (8 multicast pairs) requires a managed Fast Ethernet switch that supports IGMP snooping (v2) and is configured accordingly.

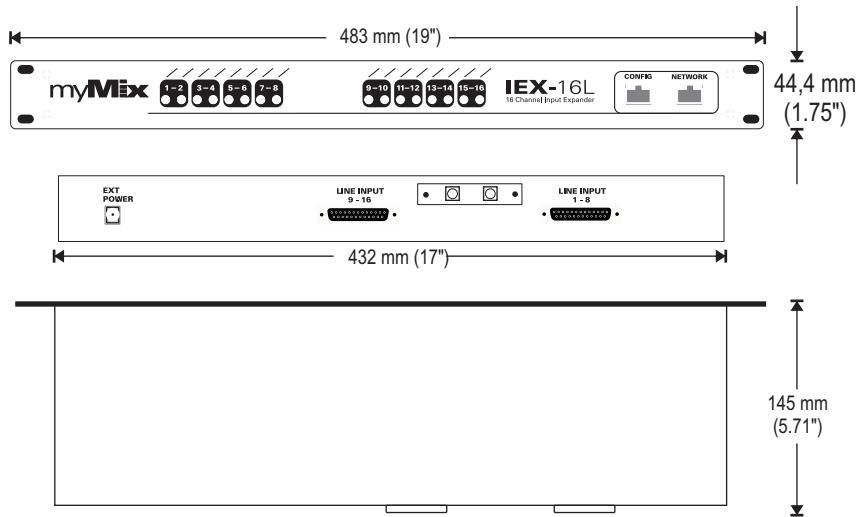
System Integration



myMix and IEX-16L are connected to a managed Fast Ethernet switch (e.g. POWER8). Analogue inputs can be fed via IEX-16L and/or the local *myMix* inputs. Digital inputs can be fed via IEX-16L with ADAT Inputs (IEX-16L-A).

16-Channel Line Input Expander for myMix Systems

DIMENSIONS



PINOUT DB25

	Ch1	Ch2	Ch3	Ch4	Ch5	Ch6	Ch7	Ch8
Hot	24	10	21	7	18	4	15	1
Cold	12	23	9	20	6	17	3	14
Grd	25	11	22	8	19	5	16	2

Channels 9 to 16 follow the same scheme. Compatible with many third party audio snakes.

SPECIFICATIONS

Analogue Line Level Inputs	16
Input Impedance	20 kΩ, balanced
Maximum Input Level	+ 20 dBu
ADAT Inputs (optional)	2x 8 Channels
Sampling Rate on optional ADAT Inputs	44,1/48kHz
Input Gain Adjustment (digital)	0dB, +6dB, +12dB
Frequency Response	20Hz - 20 kHz (-1dB)
Signal to Noise Ratio	> 104dB
THD+N	< 0,022%
Network	
Network Type	100Mbps Fast Ethernet
Network Cabling	CAT5/CAT5e
Network Connection	2 RJ45. (1 network, 1 myMix)
Network Switch for 16ch max.	unmanaged 100BASE-TX, Full-Duplex
Network Switch for > 16ch	managed 100BASE-TX, IGMP snooping (v2)
Audio Channel Limit on Network	max of mulicast groups handled by the switch x 2
AD/DA Conversion	24-bit, 48kHz
Input Connectors	DB25 (8 channels) standard pin out
Dimensions (W x H x D)	483 x 44 x 146 mm (19" x 1.75" x 5.71")
Net weight	2,7 kg (6 lbs)
Accessories	external PSU for IEX-16L, 100V to 240V (50/60Hz)

ORDER NUMBER: IEX16 (16 line level inputs), IEX16-A with additional ADAT inputs.