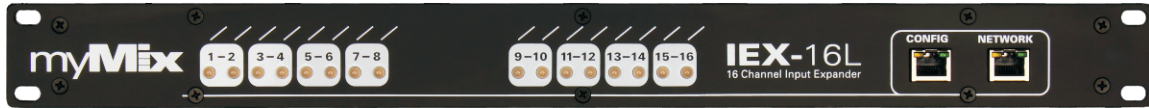


## 16 Channel Input Expander for myMix Systems

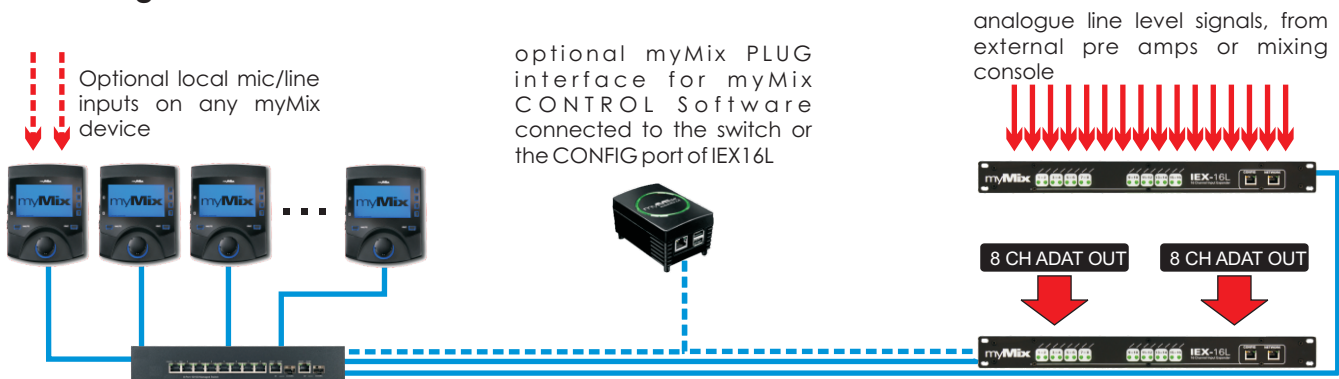


- 16 Balanced Line Level Inputs on two DB25 Connectors
- Optional available with additional 2 x 8ch optical ADAT® Interfaces (IEX16L-A)
- Adds 16 Audio Channels to myMix System in a 1U, 19-inch package
- Independent Audio Channel Selection on every myMix unit
- Convenient Signal Feed from a Mixing Console, 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 myMix CONTROL software
- Works with 100MBps Fast Ethernet Switches
- Allows the Use of multiple IEX-16L with „virtually unlimited“ Audio Channels on Network
- Remote Configuration with optional myMix CONTROL software (web browser based)

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 as IEX16L-A 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 or the optional myMix CONTROL software, including input channel naming and stereo linking. The configuration is stored automatically in the IEX-16L. The myMix CONTROL software allows up/downloading of complete settings for IEX16L. The IEX16 can be locked connecting a myMix to the CONFIG port, or via myMix CONTROL. The CONFIG ports provides all data but no audio. It can also be used to connect the myMix CONTROL network interface (myMix PLUG).

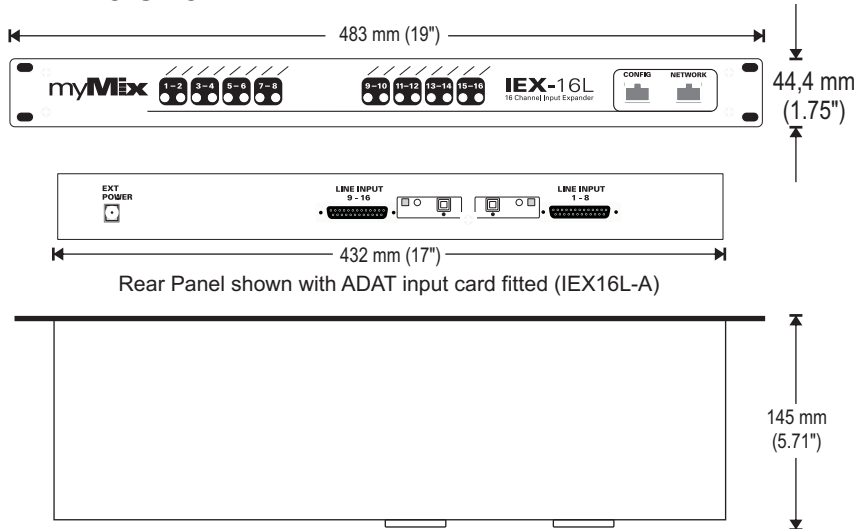
### System Integration



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 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 (IEX16L-A only)	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 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	2x DB25, 2x TOSLINK (IEX16L-A)
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

IEX16L	16 line level inputs
IEX16L-A	16 line level inputs and 16ch ADAT inputs (switchable in groups of 8)