

16 Channel Line Input Expander for myMix System

- 16 balanced line level inputs on (2) DB25 connectors
- Adds 16 channels to *myMix* System in a 1U, 19-inch package
- Convenient signal feed from a mixing console or external microphone pre-amps
- Can be combined with other *myMix* input and output devices
- Extra port for direct connection of one myMix
- Works with Fast Ethernet Switches
- Allows the use of multiple IEX-16L with unlimited audio channels on network*
- Ethernet AVB ready



Application Example



Five individual monitor mixes with signal fed locally and from the main console via the IEX-16L input expander

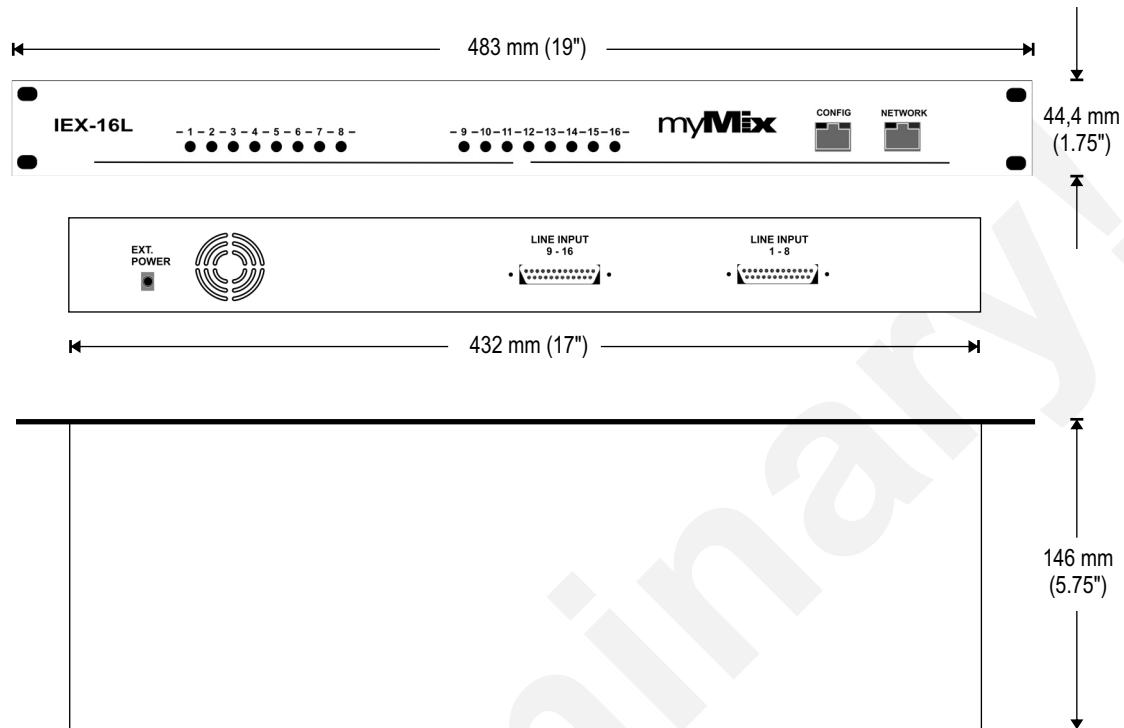
The IEX-16L is a 16-channel input expander for the myMix system. Equipped with two DB25 connectors, it allows the connection of up to 16 balanced line-level signals that can be fed from devices such as mixing consoles or external microphone pre-amps. An IEX-16L can be connected to a single myMix unit without the need for a switch.

The IEX-16L can be configured through myMix devices, including channel naming and stereo linking. IEX-16L inputs are available as named channels on every myMix on the network. Inputs that are not used are switched off, allowing for the combination of IEX-16L and local myMix inputs. If the total channel count is 16 (up to 8 pairs) or less a standard 100Mbps non-managed switch may be used. Each myMix can control a maximum of 16 channels; however, many more channels can be available on the network. If more than 16 channels exist on the network, users can select which 16 channels will be monitored on their specific unit. A network operating more than 16 audio channels requires a switch that has IGMP snooping capabilities.

**The total number of audio channels on the network is dependent upon the capacity of the switch. Input signals are streamed in pairs as multicast packets, so a switch handling 64 multicast pairs allows 128 individual channels on a myMix network.*

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DIMENSIONS



SPECIFICATIONS

Inputs	16
Input Impedance	20 kΩ, balanced
Maximum Input Level	+ 20 dBu
Frequency Response	20Hz - 20 kHz (-1dB)
Signal to Noise Ratio	> 104dB
THD+N	< 0.022%
Network	
Network Type	100MBps Fast Ethernet
Network Cabling	CAT5
Network Connection	2 RJ45, (1 network, 1 myMix)
Network Switch for 16ch max.	unmanaged 100MBps, Full-Duplex
Network Switch for > 16ch	managed, IGMP snooping
Audio Channel Limit on Network	max of mulicast packets of switch x 2
AD/DA Conversion	24-bit, 48kHz
Input Connectors	DB25 (8 channels)
Dimensions (W x H x D)	483 x 44 x 146 mm (19" x 1.75" x 5.75")
Net weight	2.7 kg (6 lbs)
Accessories	external PSU for IEX-16L works on 100V to 240V (50/60Hz)

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.

www.mymixaudio.com