Quick Start Guide

Please see the user manual before you start using any myMix product!

myMix system with one IEX16L(-A) input expander

Example of a typical set up: the Switch (Power 8 = SF302-08MP) is located on stage, the myMix units are connected to the POE ports (1-8). A long CAT5 cable (plugged into G1 of the switch) runs back to FOH, to connect the IEX16L. The IEX16 is getting the signals from the mixing console. Also check the tutorial video on how to connect a myMix system.

Connecting the console:

Analog using DB25 to XLR or ¼″ TRS.

Options are:
- Aux outputs (for sub mixes)
- Direct outs (for single channels),
- Inserts used as direct outs.

See appendix – additional ways to get signals into myMix if you like other options. Direct Outputs shall be pre EQ, pre fader. Auxes shall be pre fader. Don't use subgroups (post fader) as any change in the house sound effects the monitor sound in myMix.

If you use inserts as direct outs use the wiring as shown below, or put the ¼″ TRS only half way in (so that it's tip touches the ring of the output, not the tip).

Using the Insert as Direct Out from Main Console to IEX-16L
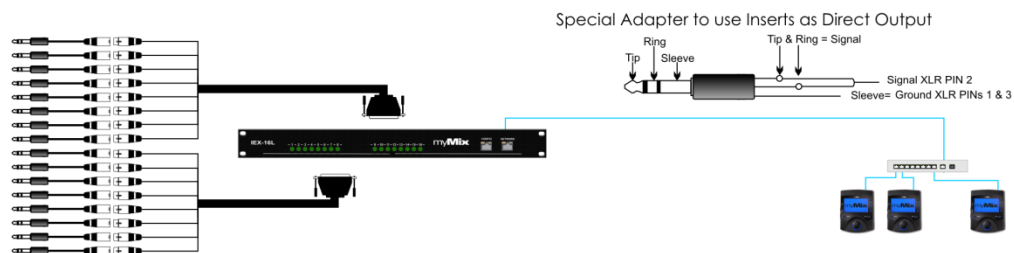
Digital (IEX16L-A) using the TOSLINK outputs

16 audio channels per IEX16l-A

Also see the tutorial video.

Things to prepare upfront before you start running cable

1) Create the channel layout for the myMix system (see Appendix for details)
2) have audio cabling (e.g. to match the outputs of the mixing console, see above)
3) Make sure you have all CAT 5 cabling (a long enough CAT5 cable to run from console back to stage)- and that the cables are working!
4) Check on the listening devices the musicians want to use – they shall be professional grade (ear plugs from phones usually don't work here!). The listening device is very important for the overall performance!

Before you start playing through myMix

5) Make sure the input signals to myMix/IEX16 are "hot enough" (the red input LED on the IEX16 should not come up, but the closer to that point you come the better). See the tutorial video about gain setting for IEX16.

6) Explain to the other musicians how to operate myMix. If you are using a demo system it might be useful to reset to factory or at least zero the mix (Master Volume > Zero Mix > confirm). See and share the following videos:
creating a mix, master volume, solo and mute,

a) if the local myMix inputs are not used, go to Settings- Local Inputs/Outputs and put input mode to "none". Video

b) Show how to select channels from the network (SETTINGS – REMOTE CHANNEL SELECT). Let them select the channels they want to hear, or deselect channels they don't want at all. Keep in mind that audio channels are streamed in pairs: if you use one channel of a pair (one myMix, or IEX inputs 1-2, 3-4, 5-6, …) this still allocates the capacity for both (see appendix on signal selection). Video .

c) Once the channels are all selected, show how to adjust a single channel in volume, tone, pan and FX (see the videos above).

7) Give some guidance in HOW TO CREATE a mix. Here is something to use as a guideline:
- Bring up the own instrument/voice at a comfortable level. You will be adding other signals, so don't make it too loud as the overall level will increase.
- Add one after the other signals of what you want to hear, first in volume, and then consider some panning (a little left or right makes a dramatic improvement in resolution). The stereo image helps to differentiate signals at a much lower volume than in mono.
- If the own channel is not loud enough, don't turn it up further– first turn the whole mix (master volume!) down a bit, and then bring up your own channel(s).
- Point out to use PAN for some signals to differentiate, and show how to put some effect* on a voice or a instrument! In combination with panning this allows to create a 3D sound image, which helps dramatically to distinguish the signals, even at lower levels. If you want to know more about 3D sound with myMix check out our webinars on mymixaudio.com/support.

 *) In SETTINGS – EFFECTS you can select the effect type, default is Large Room, which is the best starting point for everybody.

And now enjoy myMix!

Appendix -:

Recording with myMix *): You can [record each performance in multi-track](#).

Playback and Remix Sessions from SD card – and let everybody listen

      1) Insert the SD card into one myMix *)

      2) Go to SETTINGS – LOCAL Inputs/Outputs and [turn Send Mix to Network "On".](#)

      3) hit Back and go to "Sessions", press enter

      4) Select a song from the sessions list and hit play or the encoder button (hitting the encoder while playing pauses the playback)

      5) Hit 2x BACK – from the mix screen you can now create a mix for the session from the SD card, like with any life audio channel. Also see the video.

      6) have everybody on their myMix go to Remote Channel Select and select the "StereoMix" of the unit you are playing from (the name shows up).

      7) now everybody selecting this stereo mix, can listen to it, like any other signal.

      Also check out the tutorial videos: [remix a session.](#) And [using play along](#)
(a great way of turning a practice at home into a band rehearsal).

Profiles
Handy if more people use the same myMix, or the same person wants different set ups. Profiles capture the channel selection, the input mode (with channel names) and all mix settings. To create a new profile, go to Settings> Profiles > NEW.
The new profile starts out as a copy of the existing, every change is then stored automatically. To name a profile, press RENAME.
To recall a profile, select it from the list and press the encoder.
Tutorial video [about profiles.](#)

*) [SD cards](#) needs to be compliant with SDA2 and need to be formatted in myMix before you can use them. Please see our website [www.mymixaudio.com/support](#) for SD card recommendations.

Appendix- Additional ways to get signals into the myMix system:

Using system inputs on the stage. Also see this video [how to use the local inputs](#) .

Splitting a Live Level Signal for myMix and Main Console using the DI Box
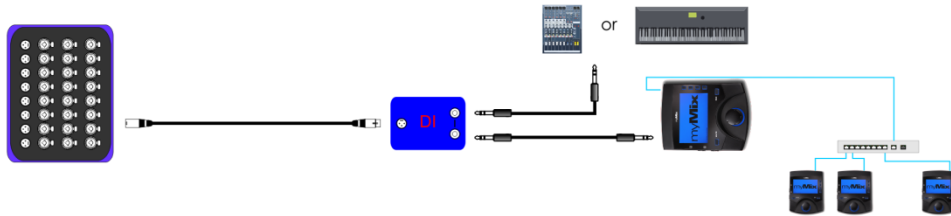
Using the Multicore Return for an Input from the Main Console to myMix

Aux Outputs with Submix from Console (e.g. Drums)

Splitting Microphone Signal for myMix and Main Console using a Combined Microphone Split/Pre Amp and IEX-16L

Splitting Microphone Signal for myMix and Main Console using a Y-Cable

Appendix – Comment about signal selection for the myMix network

While most musicians want to listen to everything, they do not actually want to (have to) control each and every channel individually. The drummer might want more drum mics for control, while the lead singer simply wants a kick and snare, or stereo channel "drums". The Power of the myMix system is it can run a virtually unlimited amount of network channels. All signals can be available individually as well as in sub mixes to allow the musicians to pick and choose as they please. The audio on myMix travels in pairs = the two inputs of a myMix are one pair, either as dual mono, stereo. If you select mono, it still travels as the pair; the second input is just suppressed in the display. So the only subject that requires some planning in myMix is the channel layout to make sure the pair capacity is not wasted. Following are some examples:

Console Channels			Input signal myMix	myMix 1	myMix 2	myMix 3	myMix 4	myMix 5	myMix 6	myMix 7	myMix 8	myMix 9
				Keys 1	Keys 2	Bass	E/Ac-Guitar	Lead Voc /Acou	Voc 2	Voc 3	Voc 4	Drums
1	Kick		Kick	x	x	x	x	x	x	x	x	x
2	Snare		Snare	x	x	x	x	x	x	x	x	x
3	HH	IEX-1 Ch 1-8	HH									x
4	Tom1		OH-R									x
5	Tom2		Bass	x	x	x	x	x	x	x	x	x
6	Tom 3		E Guitar	x	x	x	x	x		x	x	x
7	OH L		Acoustic Guitar	x	x	x	x	x	x	x	x	x
8	OH R		Acoustic 2	x	x	x	x	x		x	x	x
9	Bass		Lead Vocals		x			x	x	x	x	
10	E Guitar		B Vocals 1					x	x	x	x	
11	Acoustic Guitar	IEX-1 Ch 9-16	B Vocals 2					x	x	x	x	
12	Acoustic 2		B Vocals 3					x	x	x	x	
13	Keybaord 1		B Vocals 4					x	x	x	x	
14	Keybaord 2		Mix Handheld,Spare, CD	x	x	x	x	x	x	x	x	
15	Lead Vocals		Submix Vocals-L	x		x	x					x
16	B Vocals 1		Submix Vocals-R	x		x	x					x
17	B Vocals 2	myMix1	Keyboard 1	x	x	x	x	x	x	x	x	x
18	B Vocals 3	myMix1	Keyboard 2	x	x	x	x	x		x	x	x
19	B Vocals 4	myMix9	Click				x					x
20	Handheld 1	myMix-9	Ambient Mic			x	x	x	x			x
21	Handheld 2											
22	Spare											
23	CD Left											
24	CD Right		myMix ch count	12	12	14	14	16	16	14	14	14