# myMix control

## USER MANUAL

### Remote Configuration and Editing Software

## Welcome to myMix CONTROL!

myMix CONTROL is a web browser based software application. It is designed to help engineers supporting larger myMix systems as well as AV installers to quickly configure and/or lock individual functions on a myMix. The myMix PLUG acts as network interface and web server.

myMix CONTROL allows from a client computer to:

- up- and download an entire project with all ist devices
- configure myMix and IEX16 remotely
- edit parameters of individual units on the network
- up- and download individual profiles
- lock individual parameters on myMix
- change profiles globally

This manual describes the functionality as in firmware rev. 1.54 (May 2013).

## Table of Contents

!   !

**IMPORTANT!Read the following before operating the myMix PLUG**

1.Read all safety and operating instruction before using MYMIX PLUG.

2. Keep these instructions in a safe place for future reference.

3. Heed all warnings and follow all instructions.

4. Do not use the MYMIX PLUG unit near water, e.g. a bathtub, or swimming pool.

5. Clean only with dry cloth, and keep moisture away from the unit.

6. Do not block any ventilation openings. Install and use only in accordance with the manufacturer's instructions.

7. Do not install or use near any heat sources such as radiators, heat registers, stoves, or other apparatus (including power amplifiers) that produce heat.

8. Protect the power cord from being walked on or pinched. Replace the power supply it if the power cord or power supply shows signs of damage.

9. Only use attachments and accessories specified by the manufacturer.

10. The MYMIX PLUG unit should only be used with a power supply as specified from the manufacturer. If the provided plug of the power supply does not fit in your outlet, consult your local dealer for the appropriate outlet.

11. Do not handle the power supply and other power cables with wet hands or on wet floor to avoid the risk of electric shock.

12. Unplug the MYMIX PLUG unit during lightning storms.

13. Refer all servicing to qualified service personnel. Do not attempt to open the unit yourself. Servicing is required when the MYMIX PLUG unit has been damaged in any way, liquid has been spilled or objects fallen into the unit, the unit has been exposed to water or moisture, does not operate normally, or has been dropped.

14. Do not place any objects filled with liquids such as cups and glasses on the unit.

15. If anything drops into the connector slots, remove it after unplugging the power supply  or consult your technical representative.

Do not locate MYMIX PLUG in a place subject to excessive heat or in direct sunlight. This could be a fire hazard.

Do not place MYMIX PLUG in a place subject to excessive humidity or dust. This could be a fire and electrical shock hazard.

Connect the supplied AC power cord only to an AC outlet of the type  as marked on the main unit. Failure to do so is a fire and electrical shock hazard.

Do not place heavy objects on the power cord. A damaged power cord is a potential fire and electrical shock hazard.

If the power cord is damaged (i.e., cut or a bare wire is exposed), ask your dealer for a replacement. Using MYMIX PLUG in this condition is a fire and shock hazard.

Hold the unit when disconnecting from an AC outlet. Never pull the cord. Damaging the power cord in this way is a potential fire and electrical shock hazard.

Do not place small metal objects on top of MYMIX PLUG. Metal objects inside MYMIX PLUG are a fire and electrical shock hazard.

Do not block the MYMIX PLUG ventilation holes. MYMIX PLUG has ventilation holes at the front and the rear to prevent the internal temperature from rising.
Blocked ventilation holes can damage the unit and are a fire hazard.
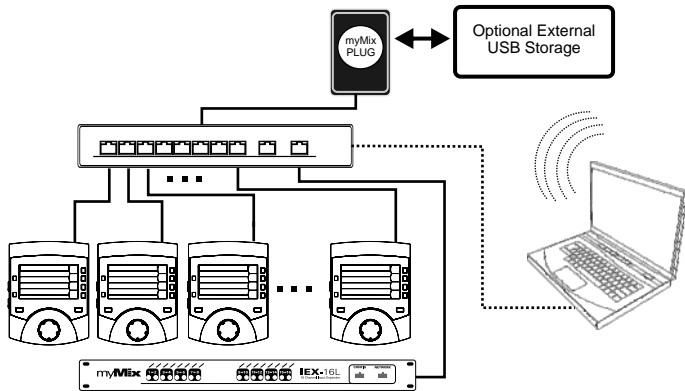
Do not try to modify MYMIX PLUG. This could be a fire and electrical shock hazard.

Do not use MYMIX PLUG in an environment outside of the temperature range between 5°C and 35°C (41°F and 95°F).

**IMPORTANT NOTE:**
To function with myMix CONTROL all myMix and IEX16 devices need to operate on firmware  rev. 1.51 or higher.

## System Set Up - Connecting WiFi-Log-In



*To establish the connection between your computer and the myMix PLUG, as well as between the myMix PLUG and the myMix devices can take up to one minute.*

The myMix PLUG has to be connected to the myMix network via the Ethernet port using a CAT5 cable. The connection from the client computer to the myMix plug can be either via WiFi, or LAN. Connect the myMix PLUG to mains power. Booting can take up to three minutes. When the second LED comes up and the third LED is flashing, the myMix PLUG is ready to use.

To connect to the myMix PLUG, establish a WiFi connection from your computer to :
„dream-u xxxx". Then open a web browser application on your computer and type **192.168.1.1**  The log-in page of the myMIx PLUG will come up.

Username: admin                    Password: password
or username: user

You can change passwords  after your first log-in on the Admin page. If you change the passwords we recommend to put a note on a secure place.

## Setting Up a LAN connection to myMix PLUG

To use the myMix PLUG with a wired connection the computer needs to be connected to the myMix network switch with a CAT5 cable.

1.) Make sure you have installed Bonjour print services (available form  http://support.apple.com/kb/DL999  ) on your computer.
2.) Allow the PC's wired interface connection to acquire an IP address dynamically.
3.) Allow the PC's wired interface connection to resolve the DNS automatically.
4.) Power the myMix PLUG and connect the wired interface to a switch that is connected to your PC.
5.) Allow the plug-computer to start/initialize (2 green leds lit/one flashing).
6.) It's recommended to disable all other network connections.
7.) Under Network Connections - Details check if the IPv4 address is within the 169.254.x.x addresses. (IPv4 link local).
8.) Open a web-browser and type

**mymixplug.local**      in the browser.

9.) Log on with username and password.



*NOTE: before you can connect to myMix PLUG the network connections need to be fully established. On Windows it shows as: Public Network.*



myMix CONTROL is compliant and has been tested with most common web browser applications. However there are differences in the performance as far as looks and access speed.  If you feel that myMix CONTROL acts slow you might want to try a different web browser app.

## Some basic information about myMix CONTROL

myMix CONTROL is web browser based application. This allows any computer or mobile device - independent of the operating system- that runs a web browser application to work with myMix CONTROL. That is a big advantage because there is no need to install dedicated software and drivers to communicate with the myMix PLUG interface. Please take a few minutes and make yourself familiar with the file structure and exchange procedure in myMix CONTROL.

## myMix File structure- Profiles-Preferences-Locking and IEX16 data

myMix stores all data entries or edits in the local memory, which is divided into three main groups: preferences, profiles and locking. Profiles and all their content as well as preferences can be edited directly on the myMix device or via the myMix CONTROL software. The locking can only be edited through the myMix CONTROL.

The IEX16 input expander has a much more simpler file structure. It can be edited through myMix CONTROL and also through myMix devices as long as the input expander is not locked.
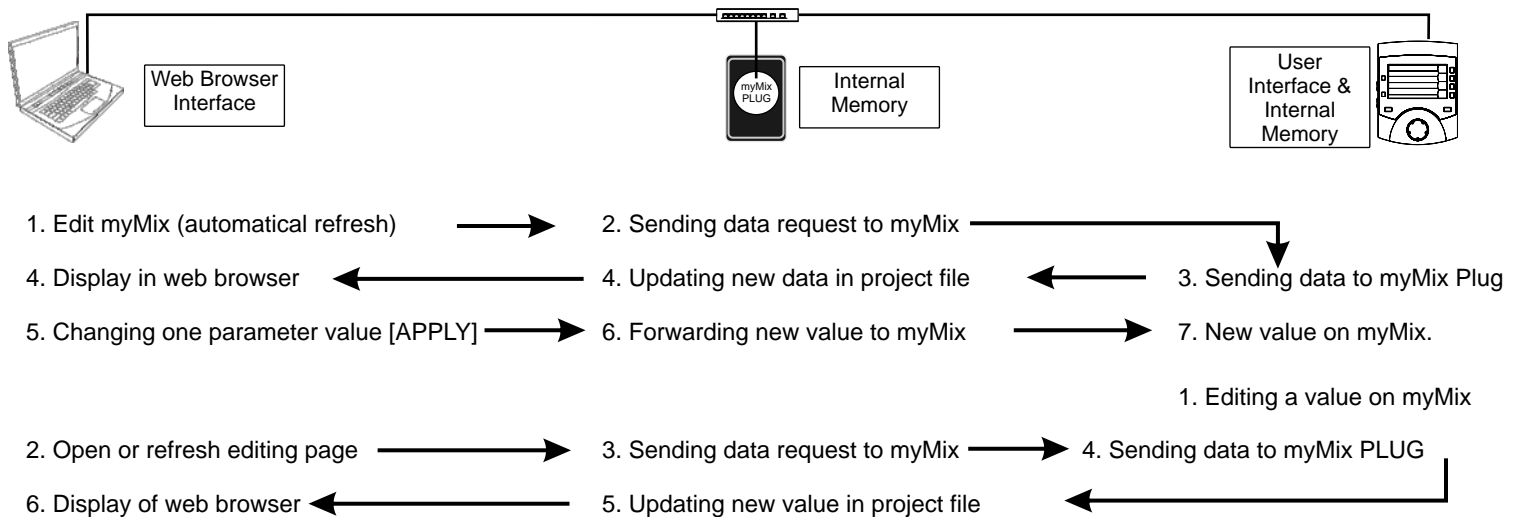
| Preferences | | Profiles Up to 20 | Profile 1 | | Locking | | IEX16 Input Expander | |
|---|---|---|---|---|---|---|---|---|
| | Device Name | | | Input Configuration | | All | | Device Name |
| | Activity Time Out | | | Channel Naming | | Menus | | Input Mode |
| | Screen Brightness | | | Effect Type | | Sub Menus | | Input Configuration |
| | Date | | | Master EQ | | Mute | | Channel Naming |
| | Time | | | Channel Selection | | Record | | Input Gain |
| | View Mode | | | Mix | | | | Locking |

## myMix PLUG -  Network Interface - File Transfer

myMix Plug has an independent file system which can receive and send data to devices in the myMix system. The settings are handled in „Projects". A project contains the data of all myMix and IEX16 devices, with all of their settings and data.

When the myMix PLUG interface gets connected to a myMix network, it automatically pulls in all data from the network. Data that was already in the current project will get updated, but not erased. We recommend to save a project before you log-out and close.
Opening a dedicated page on the web server interface refreshes the data for that particular page. Now changes in the editor can be made and  be applied (= send ) to the edited device. Leaving the editor with out applying (= sending) the data to the device leaves the device unaltered. If a page is opened in the editor of the web browser and left open, while changes are made locally on the device, they will not be automatically shown on the editor screen. Thus it is important to use always freshly updated screens for editing. Below two examples of the data flow in the system.



1. Edit myMix (automatical refresh) → 2. Sending data request to myMix →

4. Display in web browser ← 4. Updating new data in project file ← 3. Sending data to myMix Plug

5. Changing one parameter value [APPLY] → 6. Forwarding new value to myMix → 7. New value on myMix.

1. Editing a value on myMix

2. Open or refresh editing page → 3. Sending data request to myMix → 4. Sending data to myMix PLUG

6. Display of web browser ← 5. Updating new value in project file ←

## Log-On to myMix CONTROL

When you have made a connection wired or wireless, you will see the log-in page. The firmware version is displayed right below. There are two user groups with different user rights:
Administrator - User name: admin
User - User name: user

Both have the generic password: password, which can be changed under Administration. The „user" can be kicked out of the project by another user or administrator. The administrator can't be kicked out by a user. Only the administrator has access to the Adim page and it's functions (like password management).

## myMix CONTROL Home Page

### Riders

HOME   - this page, for general administration

myMix   - overview about all myMix in project

IEX16   - overview about all IEX16 in project

Edit Project Info   Change project name, author and description of current project

Create Project   Creates a new project. If you create a new project while connected to a network, all old data from the current project will be cleared and only the current data from the units on the network will be pulled in.

Save/LoadProject   Menu to up- and download project files. Before you create a new project it's recommended to save the project as back up.

View myMix Units   - overview about all myMix devices of the current project

View IEX16 Units   - overview about all IEX16 in current project

Admin   - Opens the administration page of myMix Plug (only visible when logged in as „admin").

Note on myMix Projects
You can save:            entire project with all devices and all their settings
                         myMix entire device settings
                         individual myMix Profile (config., channel select, mix settings)
                         individual myMix Lock Settings
                         Individual myMix Preferences (unit name, display settings, etc.)
                         IEX16 entire device settings (configuration with channel names)

A myMix projects file captures all data from all devices based on the MAC address. If you plan to use the exact same hardware (same MAC address) then saving a profile is perfect to capture all data. If you plan to use the same or similar set up but with other hardware (different MAC addresses) it's recommended to also save the myMix and IEX16 devices individually.

## Manage Projects

| | |
|---|---|
| **Edit Project Info** | Change project name, author or edit the project description. |

| | |
|---|---|
| **Create Project** | Creates a new project erasing all data for the current project on the myMix PLUG (not on the myMix and IEX16) and pulling |

in the current data from the units on the network. If you are uncertain if you may need the data later it is recommend to save the current project before making a new one.

| | |
|---|---|
| **Save/Load Project** | . Opens the page to load and save a project. |

**Loading** a project in the myMix PLUG:
Is loading a project file with all data for myMix and IEX16 (including their MAC address) from either

Internal Storage = myMix PLUG memory
USB: USB drive connected to myMix PLUG interface

Upload = upload of project file from hard drive of the client computer.

**IMPORTANT NOTE: the uploaded project data will be transferred to the connected myMix and IEX16 devices and overwrite the current data. This should never be done while people are using myMix.**
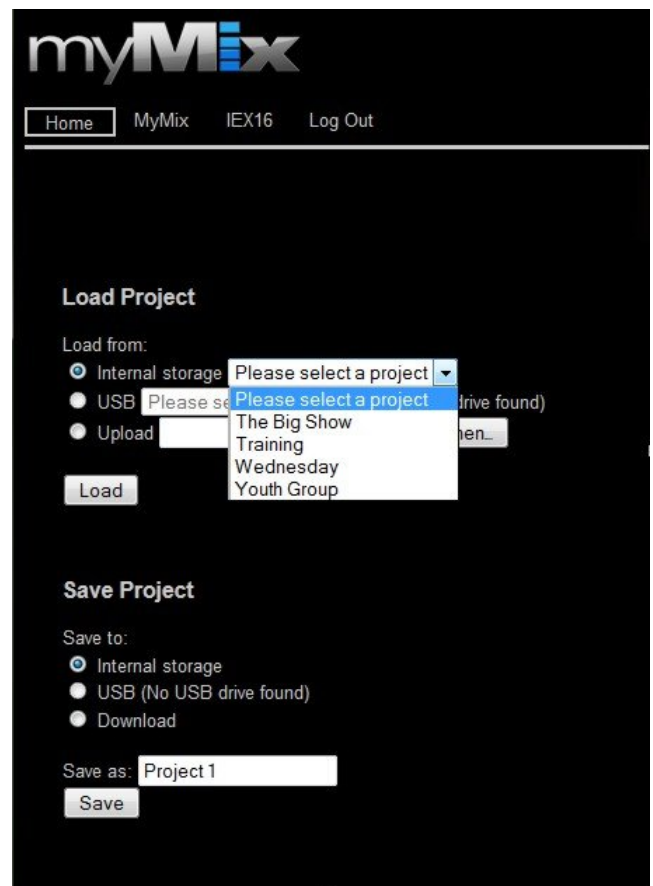
**Saving** the entire project data to internal, USB or client computer. The field "Save as" allows to name the project file differently. The data gets refreshed right before it is saved. We recommend to make a backup of each project before closing and powering down.

## Loading a project

When you load a project file the project data is loaded to the myMix Plug first and then forwarded to all devices currently in the network with a matching MAC address (myMix and IEX16). They will get all data as previously stored. Depending on the file size this can take one or two minutes. Device names can change easily, what counts for identification is the MAC address.

Units that are in the project file but NOT in the network :
  you will see them as „offline" on the select pages

Units that are online in the network but not in the project file:
  they will keep their setting without any changes.

## Administration Page

This menu is only available when logging in as „Admin". The remaining memory capacity is shown on top, e.g. 267MB.

### Manage Passwords

Here you can create new passwords for the Administrator and the User.

**Manage Saved Preferences**
**Manage myMix Lock Settings**
**Manage Saved myMix Profiles**
**Manage Saved Projects**

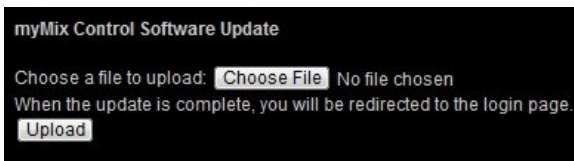Showing a list of available files on the internal memory of the myMix PLUG. „Delete" deletes them from the memory.

### Manage Device Labels

In order to identify myMix devices during set-up (myMix powered down) it is recommend to apply physical labels to the outside enclosure of the myMix. The „ Label" allows to make a link between the MAC address and the physical label on the myMix.

To avoid errors typing the MAC address we recommend to copy the MAC address from the myMix-Select Page (mark with mouse and copy to clipboard, CTRL+C, CTRL+V). Copy and past the MAC address of the myMix unit, then type in the label (name/number), then press create. Edit allows to change that info, delete erases the label. The info is stored on the myMix PLUG.

### Network Configuration

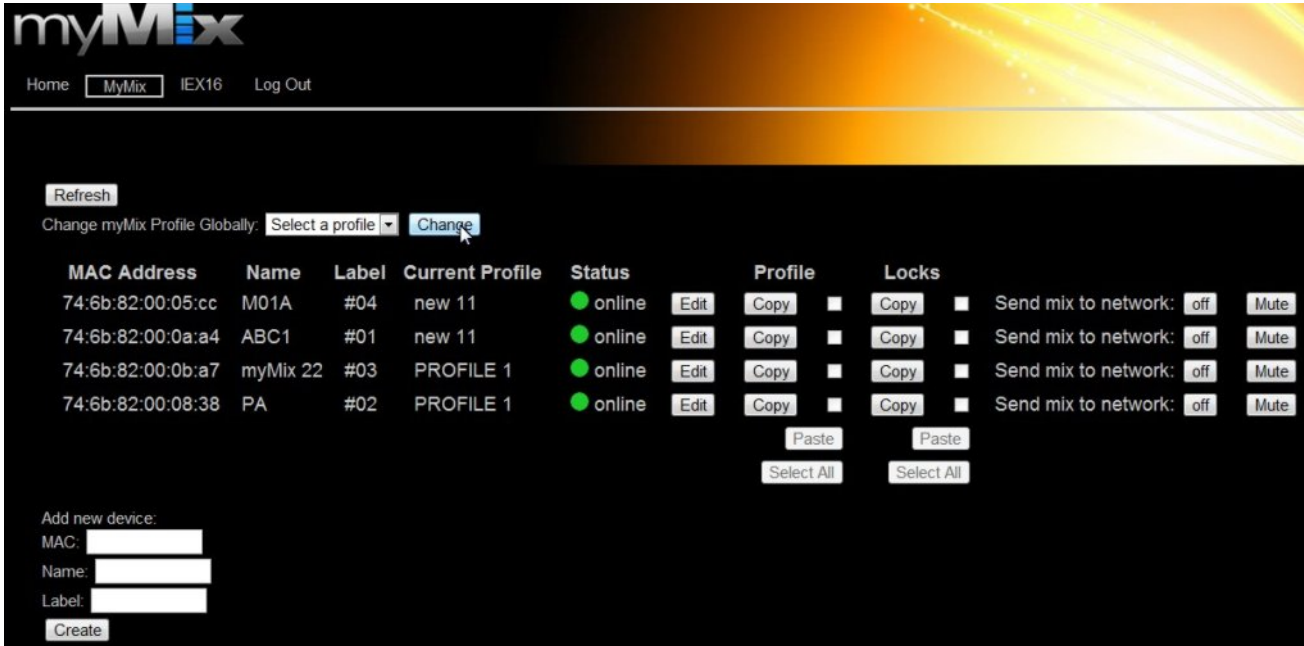Allows you to turn off the wireless communication of the myMix PLUG. This is only recommended when you are already accessing via a LAN connection.

Software Update Page | On this page you can update the firmware of the myMix PLUG interface. Please check if the software update of the myMix PLUG will also require an update of your myMix devices.

Reset To Default | Sets the myMix PLUG back to factory default, including passwords and labels. All project data in the internal memory will be deleted. Before you reset your myMix PLUG make sure that you have downloaded all data to a computer or the USB drive.

# myMix Select Page



myMix Select is showing all myMix devices in the current project. The page refreshes the data from the network when opened. Please note that it can take up to one minute to recognize devices changing their status (online/offline).

**Refresh** Refreshes the data from the network.

Each myMix is show with MAC address, device name (preference), Label (if applied), and online status. Green= currently online, red = currently offline.

**Edit** Opens the myMix device for detailed information and parameter editing.

### Add new device
this function can be used to import a new „offline" device to the project file. Enter the MAC address and name hit „Create".

**Mute** Activates the Master Mute button on the myMix device. When muted the button toggles to „Unmute". As the Master Mute on myMix is visible from the distance this can also be used to locate a unit.

**off** Status for „Send Mix to Network". Can be activated by switching from „off" to „on, or deactivated by switching to „off". If a myMix has selected another mix from the network, it will be automatically deselected when the Mix to Network is enabled from here. With this function the engineer can listen to every musician's mix, by activating Send Mix to Network and selecting and soloing this channel on the own myMix.

Copy and paste profiles and lock settings from one myMix to other myMix devices. These functions are very helpful when preparing a larger system in a new project, as you can edit one unit with the „start up setting" and then copy to all others. Or copy a setting from a myMix that has been replaced with a new (different MAC) one.

Get a starting setting to all units on the system:
-1- create the profile you want to use as „master" in one myMix.
-2- Click Copy.
-3 - Select all myMix you want to copy that profile to with the check box, or use „Select All" -
-4- hit „Paste". The „master copy is now available on all devices you selected.

*NOTE: the profile will be copied into all selected myMix when you press „Paste", but it will not change the current profile (in case somebody is using the myMix the current profile will not be changed). To change to the new profile use:*

### Change myMix Profile Globally

The drop down menu „Select Profile" is showing all existing profile names in the project. Select one, e.g. „Rehearsal" and the press „Change". All myMix that have a profile called „Rehearsal" will then switch to this profile.

myMix units that don't have a profile with that name will remain unaltered!

Using different names for the profiles allows to change several myMix in groups.

# myMix Detail Page

This page shows the detail of the individually selected myMix to edit the data or mange the individual settings from the myMix.

MAC address of myMix - this is fix and serves as unique identifier
Phantom Power: editable in profile
Input Mode: editable in profile
Channel names: editable in profile
Send Mix to Network: editable in profile, also on myMix-Select page.

Profiles:
showing an overview of the locally stored profiles in that myMix (max. 20). The current profile is marked with a yellow bar and also in the pull down menu above. Independent of the current profile you can  :

Edit - opens the myMix-edit profile page

Export - export = save the setting internally, on USB or your client computer

Copy - creates a copy of that profile with the name: „ copy_ ..."

Delete - deletes this profile from this myMix

The „Current profile" is displayed and can be changed by selecting from the list and then  „Change". The profile will be recalled on the myMix within a few seconds. If you make changes any other but the current profile, they will be transferred and saved in the myMix, but only become audible if recalled.

## Create „Empty" Profile
This function creates a new profile with default settings. The channel selection will be copied from the current profile. Note that creating a profile does not automatically recall it (like it does on the myMix device).  This allows to create a profile and edit it „offline" before activating it - making it audible on the myMix. This function is an alternative for copying a profile.

## Import Profile
Imports a previously saved (= exported) profile to this myMix device.

**Edit Locks**  - opens the locking edit menu page
**Import Locks** - allows to import previously saved (exported) lock settings
**Export Locks** - allow to save the lock settings of this myMix in internal memory, USB or on client computer
**Reset Locks** - resets all lock settings of this myMix to unlocked.
**Edit Preferences** - opens the preference editing page for this myMix
**Import Preferences** - to import previously saved (exported) preference settings to this myMix
**Export Preferences** - to save the current preferences of this myMix to internal memory, USB, client computer
**Reset Preferences** - resets the preferences of this myMix to default
**Export All Settings** - allows to save all settings (preferences, locks and all profiles) of this myMix to internal memory, USB or client computer.
**Import All settings** - allows to import previously saved myMix settings to this device.

## myMix Edit Profile Page

This page allows to edit the parameter in the current myMix profile.

Rename - Renames the current profile on the myMix and in the project file.

Current profile name: PROFILE 1
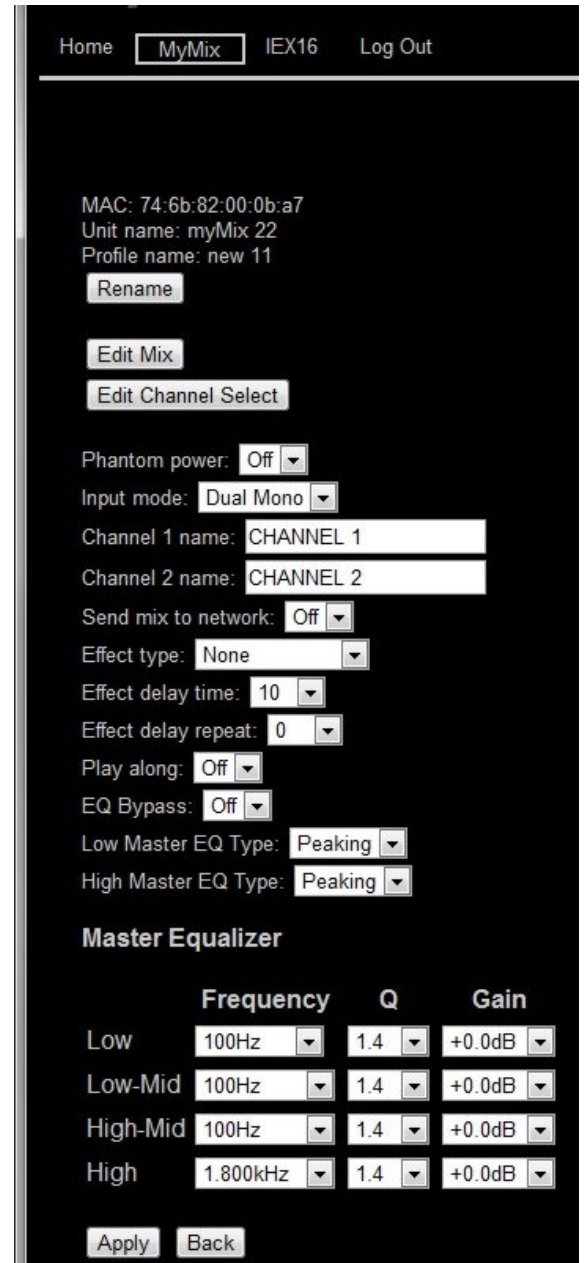New profile name: PROFILE 1
Rename Cancel

Edit Mix - opens the myMix edit mix page

Edit Channel Select - opens the channel selection page

Phantom Power status: on or off
Input Mode: Dual Mono, Stereo, Mono, None
Channel 1 and Channel 2 Names
Send Mix to Network Status: On Off
Effect Type: Small/Medium/Large Room or Hall, or Delay
Effect Time for delay (applies only if delay is selected)
Repat intensity for delay (applies only if delay is selected)
Play Along Status (On/Off)
EQ Bypass Off = No EQ, On= EQ effective
Filter type for Low and High Master Eq (peaking or shelving)
Four-Band Master EQ
Frequency, Q and Gain per band.

Apply this button transfers the file with the recently made changes to the myMix and saves them in the project file. Before the setting are applied the changes made on the screen are not in effect.

Back - leaves that page without sending data to myMix and storing it in then project file.

---

Home | MyMix | IEX16 | Log Out

MAC: 74:6b:82:00:0b:a7
Unit name: myMix 22
Profile name: new 11
Rename

Edit Mix
Edit Channel Select

Phantom power: Off
Input mode: Dual Mono
Channel 1 name: CHANNEL 1
Channel 2 name: CHANNEL 2
Send mix to network: Off
Effect type: None
Effect delay time: 10
Effect delay repeat: 0
Play along: Off
EQ Bypass: Off
Low Master EQ Type: Peaking
High Master EQ Type: Peaking

**Master Equalizer**

|  | Frequency | Q | Gain |
|---|---|---|---|
| Low | 100Hz | 1.4 | +0.0dB |
| Low-Mid | 100Hz | 1.4 | +0.0dB |
| High-Mid | 100Hz | 1.4 | +0.0dB |
| High | 1.800kHz | 1.4 | +0.0dB |

Apply Back

# myMix Edit Mix Page



Edit Mix - Page is showing the current mix parameters of the myMix device at opening of the page. Note that changes made manually on the myMix itself after the page is loaded are not reflected in this display. That's why we recommend not to leave this page open too long (unless there is nobody operating the myMix manually). The mix is showing only channels that are selected by the myMix (Channel Select) and are currently online.

Channels are shown with their network names: device name / channel name. Volume (0dB is max), Ton Control (from Bass12 to Flat to High 12), effect send and pan. The resolution of the UI is identical to one click with the myMix encoder.

The check boxes Solo and Mute can be used to active these function on the device. If solo and/or mute are active when the page is opened, they will be displayed as checked and with the yellow resp. red logo.

The green dot indicates that the channel is online.

⬜ Clear All Solo ⬜  - is clearing all selected solo-ed channels at once. Needs „Save" (Apply) to become active.

⬜ Clear All Mute ⬜  - is clearing all channel mutes at once. Needs „Apply" (= transfer data)) to become active

⬜ Zero Mix ⬜  - „zeros" the mix = all mix settings neutral. Needs „Apply" ( = transfer data) to become active.

⬜ Enable Master Mute ⬜  - activates the Master Mute on the myMix. Enabled it reads: Disable Master Mute.

*Note: the Master Mute function on a myMix a myMix is not part of the profiles. If activated or deactivated on a myMix locally it stays in it's status until changed. It is memorized in myMix CONTROL as part of the project setting (not the profile).*

# myMix Edit Channel Select  Page

This pages shows network channels and their status regarding selection in this profile. While not visible on the myMix device itself - each profile stores up to 128 channels. myMix automatically stores all channels it sees on the network, and if they are selected or not.

The criteria for a „new channel" to be memorized is the MAC address of the sending device and the alphanumeric channel name. Any change here is considered „new" and will be automatically saved.

Channels with yellow bar: selected and present on the mix screen of the unit (also visible on the Edit-Mix page).

Channels with green dots:
channels that are online on the network, but currently not selected in this profile, or selected but not displayed because the 16 channel limit is exceeded.

To select or deselect a channel use the check box.

***IMPORTANT NOTE:***
*myMix can select a max of 8 signal pairs (= max 16 channels). If selections are made that exceed the 16, the myMix will deselect automatically everything exceeding that maximum.*

Channels with red dots and a check box for „delete".
These channels are currently offline. If they are from a previous set up and won't be needed in this profile any more they can the deleted, by checking the delete box.

Apply  Transfers the changes on this page to the project file and the myMix device.

Back  leaves the page without changes.

Add remote channel:
if you know the MAC address of a myMix device currently not in the system and a channel name that you would like to add offline, you can use this function.

NOTE: this function does not generate a channel, it has to be on a device that will be later added to the network.

*Note:*
*offline channels that are „left overs" from old projects should be deleted to keep the file size small. If there are new channels in the network that you can't see please read paragraph: New Network Channels.*

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## myMix

Home | MyMix | IEX16 | Log Out

MAC: 74:6b:82:00:0b:a7
Unit name: myMix 22
Label: #03
Profile name: new 11

| Unit name | Channel name | Selected | Online | Delete |
|---|---|---|---|---|
| ABC1 | CHANNEL 1 | ☑ | 🟢 | |
| ABC1 | CHANNEL 2 | ☑ | 🟢 | |
| DEMO 8 Track 13 B3 | | ☑ | 🟢 | |
| DEMO 8 Track 15 Jason | | ☑ | 🟢 | |
| DEMO 8 Track 16 Keys | | ☑ | 🟢 | |
| M01A | CHANNEL 1 | ☑ | 🟢 | |
| M01A | CHANNEL 2 | ☑ | 🟢 | |
| PA | CHANNEL 1 | ☑ | 🟢 | |
| PA | CHANNEL 2 | ☑ | 🟢 | |
| DEMO 8 Track 01 Kick | | ☐ | 🟢 | |
| DEMO 8 Track 02 overhead | | ☐ | 🟢 | |
| DEMO 8 Track 03 Bass | | ☐ | 🟢 | |
| DEMO 8 Track 04 Guitar | | ☐ | 🟢 | |
| DEMO 8 Track 05 Ricky keys | | ☐ | 🟢 | |
| DEMO 8 Track 07 jason Vocal | | ☐ | 🟢 | |
| DEMO 8 Track 08 B 3 Organ | | ☐ | 🟢 | |
| DEMO 8 Track 09 Kick | | ☐ | 🟢 | |
| DEMO 8 Track 10 Snare | | ☐ | 🟢 | |
| DEMO 8 Track 11 Bass | | ☐ | 🟢 | |
| DEMO 8 Track 12 GIT | | ☐ | 🟢 | |
| PC | 01 Kick | ☐ | 🟢 | |
| PC | 02 DRUMS | ☐ | 🟢 | |
| PC | 03 BASS | ☐ | 🟢 | |
| PC | 04 GIT | ☐ | 🟢 | |
| PC | 05 B3 | ☐ | 🟢 | |
| PC | 07 JASON VOC | ☐ | 🟢 | |
| PC | 08 KEYS 3 | ☐ | 🟢 | |
| PC | 09 SEQ | ☐ | 🟢 | |
| PC | 10 WOOD | ☐ | 🟢 | |
| PC | 11 BRASS | ☐ | 🟢 | |
| PC | 12 STRINGS | ☐ | 🟢 | |
| PC | 13 PERC 1 | ☐ | 🟢 | |
| PC | 14 PERC 2 | ☐ | 🟢 | |
| PC | 15 VOX | ☐ | 🟢 | |
| PC | 16 CLICK | ☐ | 🟢 | |
| ABC1 | Stereo Mix | ☑ | 🔴 | ☐ |
| ABC1 | Vocal 1 | ☑ | 🔴 | ☐ |
| ABC1 | Vocal 2 | ☑ | 🔴 | ☐ |
| DEFAULT | CHANNEL 1 | ☐ | 🔴 | ☐ |
| M01A | CH | ☐ | 🔴 | ☐ |
| M01A | CHB | ☐ | 🔴 | ☐ |
| PA | ZUSPIELER | ☐ | 🔴 | ☐ |

Apply   Back

Add a new remote channel:
Remote device MAC: _____
Unit name: _____
Channel name: _____
Selected: ☑
Input Mode: Dual Mono ▾
Add offline channel

---

myMix control

## myMix Edit Lock Settings

The lock functions are completely new to myMix and only accessible through the myMix CONTROL software. *A myMix that is locked can only be unlocked through myMix CONTROL.*

In this menu individual functions, the whole unit, or a menu can be locked from unwanted access through the myMix front panel. If a menu is locked, the individual functions therein will automatically be faded. So e.g. if Settings is locked all functions accessible through Settings are not available anymore and „turned off".

The lock settings of a myMix can be exported (edit myMix page) and imported from internal memory, USB drive or client computer.

Pressing Lock - send the lock message to the myMix. This function can't be access on the myMix anymore.
To unlock, simply press „Unlock".
If a menu is locked that includes several individual functions all of them disappear from the screen.The current selection includes:

Global Lock - complete unit is locked
Master Volume
Zero Mix
Solo
Mute
Settings (locks out everything accessible under settings)
    Profiles
        New Profile
        Delete Profile
        Rename Profile
    Local Inputs/Outputs
    Effects
    Master EQ
    Sessions
        Delete
        Rename
        Play
    Remote Channel Select
    Remote Devices
    Preferences
        Unit name
    Administration
        Format SD Card
        Restore Factory Defaults
        Update IEX16 Firmware
Master Mute
Record
Channel-Volume
Channel-Tone
Channel-Effect
Channel-Balance

## myMix Edit Preferences Page

This page has about the same functionality as the preferences menu on a myMix device.

You can change:
 - the myMix  Name
- the Current profile (in addition to the myMix detail page)
- Activity time out
- Screen brightness
- View mode (list or overview).

| Save |  - Transfer and save the changes to the project file and the myMix device

| Back |  - Leaving the page without changes.

## Select IEX16 Page

Select IEX Page is showing all available IEX16 in the project file. Units that are currently online are shown with a green indicator, units in offline with a red dot. Press EDIT  to go to the IEX16 configuration page.

This page is refreshed when opened. Note that new devices on the network might take up to one minute to become visible.

Add new device allows to add a new  offline IEX16 (MAC address, label  and name). Note: the unit will only be recognized if all of the above does match.

## Edit IEX16Page

Edit IEX16 page allows to edit the configuration of the selected IEX16.
Name is the device name of the IEX16.
Locked allows to lock the unit from unwanted access through myMix devices on the network.

Input Selector Mode for inputs 1-8 and 9-16: Line (DB25) or ADAT (digital input via TOSLINK). See IEX16 manual for further details.

Channel Names: names as will appear in the network for every myMix device to see. When you change a channel name it will become a „new channel". If you plan to rename several, you might consider creating a project and save the current.

Input Mod can be changed between:
Dual Mono, Stereo, or Disable

In Stereo Mode only the name of channel 1 is used.
Gain allows to add 6dB or 12dB to the input.

| Apply | - transferring the edited setting to the project file and the IEX16 device. |

| Back | - leaving the page without changes |

| Export | Saving the settings to internal memory, USB stick or computer. |

| Import | Imports configurations for IEX16 from internal memory, USB drive or computer. |

## New network channels

Changing a name of a channel, or importing a complete setting with all new names (= channel names that are not stored already in the current myMix profiles) introduces a new channel to the network.
If a myMix device has „free channel slots" (e.g. less than 16 channels selected) these will be automatically shown on the mix page with „zero" settings.

To see these new channels in myMix CONTROL you need to go first to the mix page of the myMix device, then they will also be displayed on the channel select page.

If there are more new channels in the network then you can see on the mix and channel select page, deselect as many as you have new channels. Go to mix page and then they'll show up in channel select, where you can select or deselect.

# Some advice  to work efficiently with myMix CONTROL


## Make Use of Labels

Use labels on your myMix and IEX16 devices.  All myMix and IEX16 are usually named, but during set up before the power is on they can't be differentiated. The label is a relation between the unique MAC address of a myMix or IEX16 and a physical label that can be applied to the units. The label is saved on the myMix PLUG's internal memory. This one-time effort will save a lot of time going forward. See page 7 for details.


## Create a Library of Default  Settings

With myMix CONTROL you can save an entire project but also individual settings of entire myMix units (including all profiles of a unit, and lock settings) and IEX16 devices. In addition you can also save just an individual profile, the preferences or the lock settings.


## Utilize Copy and Paste for Profiles and Lock Settings on myMix-Select Page

The myMix select page (see page 8) is showing all myMix devices in the network. The copy and paste function on this page for profiles and lock settings is the fastest way to deploy new settings to many devices simultaneously. Even if you plan to change some settings like channel select or mix  more individually, having a common „start profile" that includes all available channel names, or a basic lock setting helps speeding up the certain of a new project big time. Consider using a myMix yourself, create a new profile and make a „starting mix". Then copy that profile to the others units on the network.

*Note that when  pasting lock settings they will be deployed immediately. Pasting a profile writes it to the memory of the myMix, but if the profile name is not the name of the current profile it has to be recalled using the global profile change.*


## Things to consider when creating an „all new project" using myMix and IEX16

As an all new project we understand a set up with all or most new audio channel names. Independent if device names for the myMix  remain, the new audio channel names and the profiles using them make the difference.

1) Before you start with the new project make sure you have saved the current one.
2) Create audio channels for new project
2a) Enter the new channel names to the IEX16 (s), either manually, or by loading a previous setting
2b) If you use inputs on myMix devices, name the units, and the input channels, or consider importing a „default" device.
2c) Turn off all inputs you don't want to use. If you need send mix to network only for one or two myMix leave it off for now.
3) Create New Project (that will kick out all offline devices).
4) Create a myMix with start settings  (if you have created a default setting that you can import, skip 4a) and 4b).
4a) Open edit-details for one myMix, turn off local inputs and send mix to network, and delete all but the current profile.
4b) Go to channel select page and delete all unwanted offline channels
4c) If you see all channels you want to assign the Channel Select page continue with 4e)
4d) If you can't see all channels : toggle between mix page and channel select page to get all new channels visible on the channel select page (see page 15).
4e) Select the channels that you want to be available as starting point for all or a group of myMix
4f) Unless you know very well the level requirements we recommend not to bring up the volumes, or only very low on the mix page, you can however set some panning and maybe even effects.
4g) Probably rename the profile.
4f) Edit or import the lock settings to this devices as you want them as a starting point.
5) Use the copy and past on the Select-myMix page to transfer the setting to all other myMix that should share the setting. If you have different groups of starting profiles, create several versions. If you want them to be changed globally at the same time they need to have the same name.
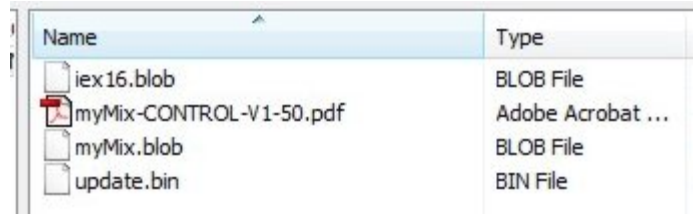
# Firmware Update Instructions myMix CONTROL

You need the following files for the update (included in the zipped folder that contains this instruction)

For myMix Plug interface:  the file „update.bin"   (about 99kB) on the harddisk of your computer

For myMix& IEX-16L:  the files mymix.blob and iex16.blob.
Both need to be on a formatted (in myMix) SD card.

*NOTE: Firmware release 1.51 and 1.54 are NOT compatible!*
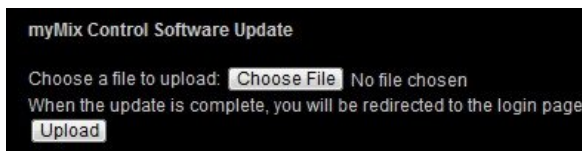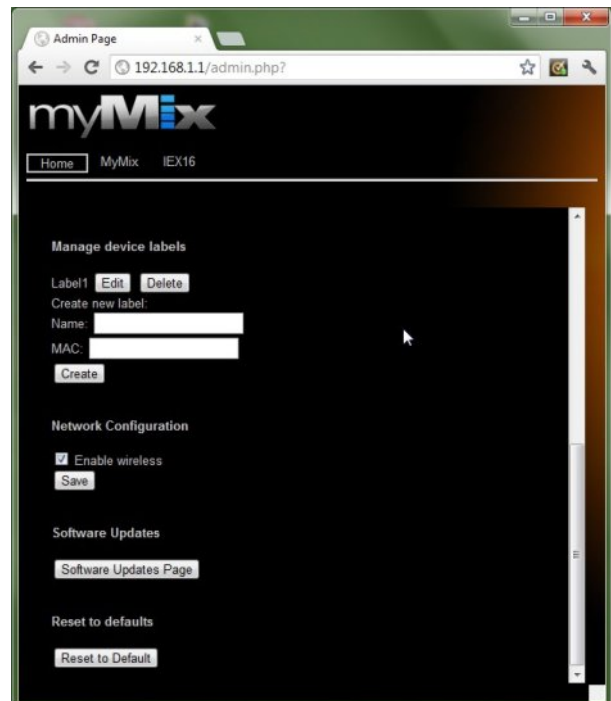*You need to have ALL network devices on the same rev.*



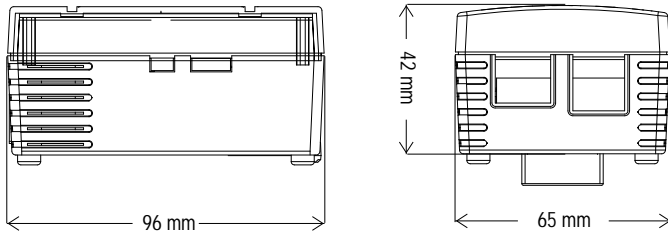| Name | Type |
|---|---|
| iex16.blob | BLOB File |
| myMix-CONTROL-V1-50.pdf | Adobe Acrobat ... |
| myMix.blob | BLOB File |
| update.bin | BIN File |

1.Update the myMix devices and IEX16 to firmware 1.5x as usual.
2. Make sure all devices run firmware 1.5x
3. To update the myMix PLUG interface: power up the myMix plug without any network connection.
The myMixPlug is ready when one of the 3 green LEDS is flashing.
4. Create a wireless connection from your computer to the myMix PLUG
5. Open a web browser (e.g. Explorer, Firefox, Chrome) and enter: 192.168.1.1 in your browser
6. Log on to the myMix Plug (on the log-in page you should see the firmware version  1.47x, or 1.50) using:
     username: admin
     password: password (or whatever you have chosen)



7. Once you are logged in go to Administration
8. Move to the lower end of the page and find
„Reset to Default". Click and confirm.
9. Click on „Software Update Pages" and click on
„Choose File".
10. Navigate to the file:  update.bin  and open.
11. The myMix PLUG is updated
12. Close Browser, open again and log-in again:
on the log-in page you should see now
myMix CONTROL 1.5x
13. Wait about a minute and power cycle the myMix PLUG.

## Specifications and Dimensions



Marvel Kirkwood 6281-1.2GHz, 512MB 16bit DDR2 800MHz
NAND Flash. 512MB, WiFi 802.11 b/g, 1 GB Ethernet Port, 2 USB 2.0
Power input: 100-240VAC/50-60Hz Max. 20W
DC Consumption: 5V/3.0A Max.
95mm (L) x 65mm (W) x 48.5 mm (H)

This MOVEK warranty applies only to products you purchased for your own use.
MOVEK warrants that each myMix product that you purchase is free from defects in materials and workmanship under normal use during the warranty period. The warranty period starts on the original date of purchased specified on your sales receipt or invoice unless MOVEK informs you otherwise in writing. During the warranty period of one year (or longer as required by law) MOVEK will provide warranty service without charge for parts and labor in case a defect in material or workmanship occurs.

THIS WARRANTY IS YOUR EXCLUSIVE WARRANTY AND REPLACES ALL OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. SOME STATES OR JURISDICTIONS DO NOT ALLOW THE EXCLUSION OF EXPRESS OR IMPLIED WARRANTIES, SO THE ABOVE EXCLUSION MAY NOT APPLY TO YOU. IN THAT EVENT, SUCH WARRANTIES APPLY ONLY TO THE EXTENT REQUIRED BY LAW AND ARE LIMITED IN DURATION TO THE WARRANTY PERIOD. NO WARRANTIES APPLY AFTER THAT PERIOD. SOME STATES OR JURISDICTIONS DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION ON DURATION MAY NOT APPLY TO YOU. LIMITATION OF WARRANTY: UNDER NO CIRCUMSTANCES SHALL MOVEK, ITS SUPPLIERS, RESELLERS, OR SERVICE PROVIDERS BE LIABLE FOR ANY OF THE FOLLOWING EVEN IF INFORMED OF THEIR POSSIBILITY: 1) THIRD PARTY CLAIMS AGAINST YOU FOR DAMAGES; 2) LOSS OR DAMAGE TO YOUR DATA; OR 3) SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES, INCLUDING LOST PROFITS, BUSINESS REVENUE, GOODWILL OR ANTICIPATED SAVINGS. AS SOME STATES OR JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE OR JURISDICTION TO JURISDICTION. YOU MAY ALSO HAVE OTHER RIGHTS UNDER APPLICABLE LAW OR WRITTEN AGREEMENT WITH MOVEK. NOTHING IN THIS WARRANTY AFFECTS STATUTORY RIGHTS, INCLUDING RIGHTS OF CONSUMERS UNDER NATIONAL LEGISLATION GOVERNING THE SALE OF CONSUMER GOODS THAT CANNOT BE WAIVED OR LIMITED BY CONTRACT.

## Declaration of Conformity (for USA)

Model Number:          myMix PLUG
Type of Equipment:   Computer Interface for Audio Equipment
Responsible Party:    MOVEK, LLC
Address:                   6517 Navaho Trail, Edina, Minnesota, 55439, U.S.A.
Telephone Number :            1 (952) 657-7889

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules.  These limits are designed to provide reasonable protection against harmful interference in a residential installation.  This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.  However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
a)          Reorient or relocate the receiving antenna.
b)          Increase the separation between the equipment and receiver.
c)          Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
d)          Consult the dealer or an experienced radio/TV technician for help.
CAUTION
Changes or modifications to this equipment not expressly approved by the manufacturer for compliance could void the user's authority to operate this equipment.

## Information on Disposal of Old Equipment

The symbol below on the products, packaging and/or accompanying documents means that used electrical and electronic products should not be mixed with general household waste. For proper treatment, recovery and recycling of old product please take them to applicable collection points, in accordance with your national legislation and the directives 2002/96/EC and 2006/66/EC. By disposing of these products correctly, you will help to save valuable sources and prevent any potential negative effects on human health and the environment. For more information about collection and recycling of old products, please contact your local municipality, your waste disposal service or the point of sale where you purchased the item.



The symbol above is only valid in the European Union. If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal.