iLive Editor V1.54 Release Notes   November 2009

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This is a maintenance release of the iLive online/offline Editor software application as part of the iLive firmware V1.54 release.

Editor can be used with all iLive and T Series products including iDR10, iDR0, iDR-32 and iDR-48 based systems.

The Editor can be run **offline** to configure a system and create a Show file which can be transferred to the iLive via USB key.

The Editor can be run **online** to **MixRack and Surface** to control the iLive in real time by connecting to one of its NETWORK ports, at either the MixRack or Surface. A Custom Strips feature lets you create an independent 'virtual surface' layout for the Editor.

The Editor can be run **online** to a **MixRack only** to control the MixRack in real time by connecting to one of its NETWORK ports. This means the MixRack can be controlled without a Surface connected.

Using the Editor with iLive requires connection over Ethernet. Attention to selecting suitable computer hardware, correctly plugging up the network, and setting compatible IP addresses will help you avoid problems. Please read through these notes before starting.

Important note about version compatibility - The Editor software and iLive system firmware versions must be compatible. If you are connecting to an earlier version of firmware you may experience problems as new features may not be supported.

Check the Allen & Heath web site for the latest version of iLive firmware and Editor Software. Always update both when a new release is made available.

Note - This release supports the ability to update MixRack firmware using Editor, ideal for systems where there is no Surface available. For this to be possible the **MixRack must be running a version of V1.5 or more recent** firmware. For example, Editor will be able to update MixRack V1.50 to V1.54 or V1.60, but it will not be possible to upgrade MixRack V1.43 to V1.54.

Note - User Shows stored within Editor are located within a version related directory under your home directory on your computer. If you want to keep these make sure you **copy existing Shows to USB key** before you update Editor, then load them into the new version via the USB key. Alternatively you can locate their directory and move them manually.

Issue fixed in V1.54

No changes from V1.53. This version is released as part of the iLive firmware V1.54 package.

Minimum system requirements

The iLive Editor Software application is designed to run on a desktop or laptop PC or Apple Mac.

Note - Due to the amount of data processed and displayed by Editor including real time metering of every signal within the system, the computer should meet the minimum system requirements outlined below to ensure trouble free operation.

Minimum computer requirement - There are so many different types of processor with different performance capability that it is impossible to identify a 'minimum specification' based on type or speed alone. For this reason there are several Internet sites that provide benchmark comparisons to 'score' processor power.

One such site is: http://www.cpubenchmark.net/ From the lists on this site we recommend you choose a processor with a benchmark score greater than 1000. A dual core processor is recommended.

Hard disk space = 50MB
Minimum RAM = 1GB or more
Graphics memory = 256 MB or more
Graphics resolution = 1024 x 768 or better

Recommended computer requirement - The following are examples of computers we have tested as benchmarks for choosing a system. These score around 1400 in the benchmark list above.

Desktop example: Intel E6600 Core2 Duo 2.4GHz - 1066MHz FSB, 4MB Cache, Dual Core. Graphics 1600 x 1200.

Laptop example: Intel T8300 Core2 Duo Mobile 2.4GHz - 800MHz FSB, 3MB Cache, Dual Core. Graphics 1280 x 800 (WXGA)
For Mac computers an Intel x86 processor is required.

Java requirements - Java lets you run programs such as Editor written in the Java programming language.

Java for the PC, Java SE Runtime Environment (JRE) 6 Version 1.6 or more recent is required. If it is not already installed on your PC you can download this from http://java.sun.com/javase/downloads/

Java for the MAC, Java Version 1.5 is required. This is the default shipped with the Mac.

Note - Do not use the Apple version of Java 1.6 with the Mac.

Minimum networking requirements
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Editor can connect to the iLive system using a wired or wireless Ethernet connection. For wireless connection a suitable wireless router is required. Wired = 100 Mbps Wireless = 54 Mbps capable

Operating systems supported
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At the time of release of this software the Editor has been tested to be compatible with the following operating systems (OS). It is not guaranteed to work with other versions of OS. Refer to the Allen & Heath web site for the latest information on system compatibility. Currently Editor supports:

  Windows 7 32bit
  Windows XP 32bit.
  Windows Vista 32 bit.
  Mac OS 10.5 (Does not work with Apple Java 1.6. Use Java 1.5)

Installing and running the Editor on your computer
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Download either the PC or Mac version of the Editor software from the Allen & Heath web site: http://www.ilive-digital.com/editor.asp

PC/Mac - Run the setup application and follow the instructions to install iLive Editor.

Note for Mac users – To run the iLive Editor application once installed you must first select Finder (from the Dock), then select your user name (under places), iLive Editor_1.5 (folder) and then run the file called **iLiveEditor**.

Connecting the network and assigning IP addresses
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Each device on the network must have a unique IP address with the same Subnet mask.

Static IP addresses   - It is most common for static IP addresses to be used on the iLive network. A single iLive system has three networked devices – MixRack, Surface and TouchScreen each with its own IP address. The connected computer, wireless router and any other devices must have their own IP addresses compatible with the iLive.

The iLive default addresses are:
Default **MixRack** IP address = 192.168.1.1
Default **Surface** IP address = 192.168.1.2
Default **TouchScreen** IP address = 192.168.1.3
Default Subnet Mask = 255.255.255.0

Therefore we recommend you set your **computer** to 192.168.1.10 with Subnet Mask = 255.255.255.0. If you have a **wireless router** we recommend you set this to 192.168.1.11.

Of course you could choose any other number >3, but the above recommendation is useful if you have another iLive on the same network, for example a FOH and Monitors application, and you choose to assign this with addresses 1.4, 1.5, 1.6.

DHCP IP addressing   - Working with the static IP addresses described above will get you going 'out of the box'. For more complex network arrangements involving DHCP, connection via routers, servers etc we recommend that you refer to your IT administrator or a web based learning resource if you are unfamiliar with Ethernet technology, for example:
http://compnetworking.about.com/cs/homenetworking/a/homenetguide.htm
http://compnetworking.about.com/cs/wirelessproducts/a/howtobuildwlan.htm

Plugging up the network   - Use standard CAT5 network cables and plug the computer network adapter into any available iLive NETWORK port on the MixRack or Surface. Do not remove the usual network connection between the Surface and MixRack. iLive provides three network ports at each end.

Working with a wireless router   - A wireless router may be plugged into any iLive NETWORK port to allow wireless laptop or tablet control of the iLive system giving the operator freedom to move around the stage and venue. Refer to the wireless router user guide and set up its IP address to be compatible with the iLive. Make sure the wireless router is positioned within reasonable working range of your laptop as you may experience loss of connection or a drop in its operating speed if a weaker signal is detected.

Note - If you experience difficulties connecting using wireless, disable any LAN network connections on your computer, and vice versa.

Controlling two iLive systems - It is possible to connect your computer and two iLive systems on the same network so that you can run two Editor sessions and switch between them, for example to control FOH and Monitor systems. Make sure each iLive has a unique set of addresses. For example, you could change the default 1.1, .1.2, .1.3 addresses of the second iLive to 1.4, 1.5, 1.6.

Quick Setup

1. Check that your **computer operating system** is supported, and that your computer meets the minimum requirements detailed below.

2. If working online, set unique **IP addresses** for your computer and wireless router (if used) on the same network as the iLive, typically 192.168.1.nn where nn>3 if the default iLive addresses are used. We recommend you use 192.168.1.10 for your computer and 192.168.1.11 for your wireless router.

3. **Start the Editor**. The **Select System Configuration** dialog lets you choose the type of operating environment required. Choose [Offline], [Online Surface and Mix Rack] or [Online Mix Rack Only].

Note for Mac users – To run the iLive Editor application once installed you must first select Finder (from the Dock), then select your user name (under places), iLive Editor_1.5 (folder) and then run the file called **iLiveEditor**.

4. **Choose Hardware Config.** If running [Offline] to create Shows to run on your system, you must first ensure that the offline hardware config matches the physical hardware the show will be recalled on. The same applies for [Online Mix Rack Only]. Ensure that the virtual Surface hardware matches the physical Surface hardware you intend to use with the Show.

5. **Choose the USB drive location.** Select File / USB Drive.

6. **Use the left hand toolbar Setup Modes** to configure the strips, patchbay, names/colour, but remember to select None to return to normal operation.

More Information

For more on using iLive Editor refer to the Help file within the application. Please regularly check the Allen & Heath web site for further firmware and software updates, and more information on using the iLive system and Editor. If you need further assistance or wish to report issues using the iLive Editor please contact Allen & Heath Tech Support in your territory.
http://www.allen-heath.com