

V1.30 is the first release of GLD Editor software.

About Editor

This version of GLD Editor is for **GLD mixers running Firmware version V1.30**.

GLD Editor is a software application that can be used to fully configure and control the GLD range of mixers using a PC or Mac desktop, laptop or touch tablet. The software can be downloaded free of charge from the Allen & Heath web site.

Editor can be used with GLD-80 and GLD-112 mixers. Shows created on one can be run on the other with just some strip reassignment required to adapt for the different number of faders. Editor can run alongside the GLD surface and multiple iPads running GLD Remote and OneMix.

Editor can be run offline to configure settings which can be transferred to the GLD mixer by connecting directly to it or via a Show file using a USB key.

Editor can be run online to control the GLD mixer in real time by plugging into its rear panel Network port. This is done using a wired (LAN) or wireless (Wi-Fi) network connection. A Wi-Fi router (access point) is required for wireless operation.

Using Editor with GLD requires connection over a network (TCP/IP Ethernet). Select suitable computer hardware and cables and check the network settings. Please read through this manual before starting.

Important note about version compatibility - The Editor software and GLD mixer firmware versions must be compatible. Make sure you update all GLD mixers and copies of GLD Editor in your stock when new firmware is released. Check the Allen & Heath web site for the latest version of GLD firmware and Editor software.

System Requirements

GLD Editor is designed to run on a desktop or laptop PC or Apple Mac.

At the time of release of this software GLD Editor has been tested to be compatible with the following **operating systems (OS)**. It is not guaranteed to work with other versions of OS. Currently Editor supports:

- Windows 8
- Windows 7 32bit and 64bit
- Windows XP 32bit.
- Windows Vista 32 bit.
- Apple Mac OSX Snow Leopard 10.6
- Apple Mac OSX Lion 10.7
- Apple Mac OSX Mountain Lion 10.8

Editor can connect to the GLD system using a wired or wireless Ethernet connection.

For wireless connection a suitable Wi-Fi router (access point) is required. For best performance we recommend you choose a dual band wireless router with auto channel selection. Use the more recent 5GHz band in places where there is intense Wi-Fi activity or interference in the more crowded 2.4GHz band. A wireless router with auto channel selection automatically sets itself to an available or least congested channel when you power it up.

How to set up the GLD network

Each device on the network must have a unique IP address with the same Subnet mask. When you connect a laptop and wireless router they must have unique IP addresses compatible with the GLD.

The default (reset) GLD address is:

GLD IP address = 192.168.1.50

GLD Subnet Mask = 255.255.255.0

Check that DHCP is turned off on the GLD.

Setting up a wireless router (access point) – The wireless router has its own IP address to identify it on the network. This address is also used to access its settings. Refer to your wireless router guide for setup instructions. Set a **router IP address** that is compatible with the GLD. Its address must be 192.168.1.nnn where nnn is the unique address number different to that of the GLD and any other devices on the network. For example:

Wireless router IP address = 192.168.1.254

Wireless router Subnet Mask = 255.255.255.0

Check that the **router is set for DHCP** operation so that it automatically allocates IP addresses to other DHCP enabled devices on the network, in this case the laptop and any iPads you are using. Most wireless routers have DHCP enabled by default. Check that the router DHCP address range (scope) is restricted to avoid conflict with the GLD static IP addresses. We recommend:

Wireless router = DHCP enabled

DHCP start IP address = 192.168.1.100

DHCP end IP address = 192.168.1.200

Security - We strongly recommend that you enable Wireless Security on your router to prevent unauthorised access. By enabling WPA/PSK encryption the GLD will remain private from other laptop or iPad users. A wireless key or password will be required. Keep a note of the wireless key entered.

SSID - This is the name broadcast by the router to identify its wireless network to the laptop. It is recommended that you set a unique SSID using the router setup menu to identify the GLD network alongside other wireless networks seen by the laptop and iPads.

Wireless Editor connection – Plug a CAT5 cable between the GLD Network port and a port on your wireless router. Enable your laptop wireless connection. Check that your laptop wireless port is set for DHCP operation (the usual default). This means that it will be allocated an IP address automatically by the router.

Wired Editor connection (no wireless router present) - Plug a CAT5 cable between the GLD Network port and your laptop Network (LAN) port for stand-alone wired connection when not using a Wi-Fi router. Enable your laptop LAN connection. Set a compatible static IP address for your laptop LAN port. Do not use DHCP addressing. For example set:

Laptop LAN port IP address = 192.168.1.10

Laptop LAN port Subnet Mask = 255.255.255.0

Wired Editor connection via a wireless router – Plug a CAT5 cable between the GLD Network port and a free port on your wireless router if you have one connected to work with one or more iPads running GLD Remote or OneMix. Enable your laptop LAN connection. In this case set a compatible LAN IP address as described above, or set it for DHCP to get its address automatically from the router. This setup gives you simultaneous wireless connection for iPads and wired connection for Editor.

Working with Wi-Fi – Operate your laptop and iPads within the specified operating range of the wireless router. For best performance keep the router in line of sight of the laptop and up high to avoid obstacles such as equipment and people. Avoid locating it behind pillars or walls, near metal beams or on top of loudspeakers. The wireless connection may run slower or you may lose connection if the signal strength is low or interference is experienced.