

Wireless Control for a V-Mixer

Supporting a remote workflow for V-Mixer control via a wireless router.

Introduction

This document shows how to setup wireless control of your V-Mixer in conjunction with the appropriate Remote Control Software (RCS) running on a computer. Remotely control the V-Mixer from anywhere in the room, the stage, control room, etc. – ideal when using a tablet computer or similar mobile device able to support the RCS.

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Instructions

In this example we are using the Belkin N750 DB Dual-Band N+ Router (Firmware 1.00.42). See it online along with the support resources [here](#). We are going to show how you can directly connect the V-Mixer to the USB port on the router and then run the RCS on your computer wirelessly controlling the V-Mixer.



PLEASE NOTE: We are not able to support you in the setup of your router and testing therefore this document is intended to simply assist you in your own testing. Most routers with a USB port support printers and hard drives but DO NOT support general USB devices like a V-Mixer. Keep the packaging and receipt for any router you purchase so you can return it if it does not work (i.e., the USB port does not adhere to full USB specifications). Therefore we can only recommend the Belkin units we refer to below.

Installing the V-Mixer driver and RCS software

1. If you have previously run the RCS successfully with your V-Mixer from this computer, then jump to “Set up the wireless router”.
2. If you have not installed the V-Mixer driver and RCS on your computer, download the appropriate driver for your computer and the RCS software for your model of V-Mixer from the RSG website [here](#).

3. Install the driver following the instructions in the Readme_E.htm file included with the driver package.

Connecting RCS to V-Mixer directly

1. Run the RCS software and click the “ONLINE” button to connect your computer to the V-Mixer and confirm everything is working correctly.
2. Exit the RCS and unplug the USB cable from your computer.

Set up the wireless router

1. Install the Belkin setup software and follow the prompts. Normally you will not want to connect the router to the internet in order to keep a separate and dedicated network between your wireless device and the V-Mixer. Therefore, once the setup software starts looking for an internet connection, just cancel and proceed.
2. Once setup, the Belkin Router Monitor application will appear and you can proceed to setup the router the way you would normally set it up with network name (SSID), security mode, password, etc. All the default settings should typically be fine in most cases as this is a standalone application. Name it something meaningful such as “M-480 V-Mixer” and we recommend turning off the visibility of the network. This way people won’t inadvertently try to connect to it thinking it may be a valid Internet access point. Once finished, the new router will appear in your list of available wireless access points (only if you left visibility on).
3. Disconnect your computer from any hardwired network port or other wireless connection. Connect to the new wireless network name you just setup (e.g., “M-480 V-Mixer”).
4. Connect the V-Mixer to the USB port on the router.
5. In the Belkin Router Monitor you should now see the V-Mixer appear as a device in the list of “Networked USB Devices”. Click on the V-Mixer you want to connect. If it is the first time you have run wirelessly then you may see a message associated with connecting a new device (V-Mixer).
6. You can now startup your RCS and connect ONLINE to the V-Mixer as if it was connected directly to your computer – except now you are wireless!

Supplemental Notes

1. If the V-Mixer fails to connect the first time, restart the RCS software and click ONLINE again. You can also try disconnecting and re-connecting the V-Mixer in the Belkin Router Monitor utility.
2. Although we have only tested the N750 DB, the N600 DB should work as well.

3. Because the N750 DB has two USB ports, you can connect two V-Mixers – ideal when running 96 mixing channels in Cascade mode.

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