

jamLink

Jam with Players Hundreds of Miles Away

The jamLink is an ultra low-latency audio device that enables real-time jamming and collaboration over the Internet. The jamLink delivers uncompressed, CD quality audio with virtually inaudible latency as far as 500 miles. Beyond that distance, jamLink users can still experience high-quality audio, collaborate with others, write songs, produce remote sessions, and give lessons. All you need is your instrument and a high-speed broadband connection. Controlled easily by popular web browsers, no additional software or audio hardware is required. Starting a jam session is as easy as "chatting."

jamLink Users

The jamLink is for people who want to play music and collaborate with each other but can't because of time, distance, schedules, traffic, weather, etc. Without a jamLink, the only alternative is to get into a car and drive – and sometimes that's not an option. Bands and songwriters are using the jamLink to practice, rehearse and write new songs without having to get together on weekends, rent rehearsal space or travel. People are also using it to just play with their friends.



jamLink and Latency

If you are standing 10 feet away from a speaker, it takes approximately 10 milliseconds (ms) for the sound to reach your ears. In other words, there is 1ms of latency for every foot separating you from the source. Based on research done at Stanford University, musicians can play in sync as long as the latency is 25ms or less. The average delay introduced by two jamLinks at the lowest latency setting is 6.7ms giving a jamLink user up to 18.3ms of Internet travel time. With audio streaming at the speed of light, 18.3ms allows for you to play in sync with your partner who is 500 miles away. The jamLink is so efficient at processing your music that you experience an "in-the-room" feel or sensation with your playing partner without leaving your living room.



jamLink vs. Competition

The jamLink finally provides a solution that works. Other online services are dependent on the speed of your computer and require additional hardware and software. Audio cards and supporting software, internal busses, and operating system queues each introduce more and more latency. The average one-way delay between two jamming computers using a competing product at its lowest delay settings is 47ms. That's almost 7X the latency of the jamLink, twice the threshold for "in-the-room" playing, and it doesn't include Internet travel time.

Minimum Bandwidth Requirements

- Upstream Bandwidth: 1Mbps or 1,000 kbps
- Downstream Bandwidth: 2Mbps or 2,000 kbps

Dimensions: 6.7 x 4.2 x 1.2 inch (L x W x H)

Weight: 1.25 lbs

Front Panel Jacks

- TRS input supports ¼" inch instrument cable
- Line Input (1/4" jack) and Microphone Input
- Headphones Output (mini jack)

Rear Panel Jacks

- Internet: RJ45 – Fast Ethernet
- Power: 9V (PSA120)

Power Supply

- Input Voltage: 5V to 12V DC (9V typ.)
- Input Current: 500mA max (250 mA typ.)



To view a demonstration please visit www.musicianlink.com

 **MUSICIANLINK**

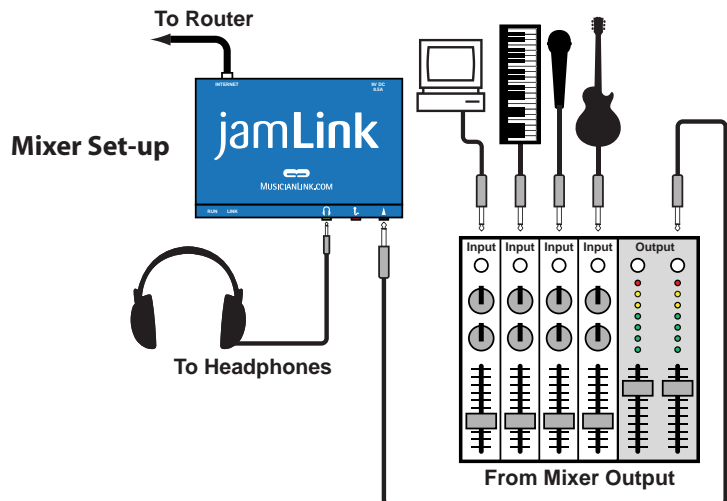
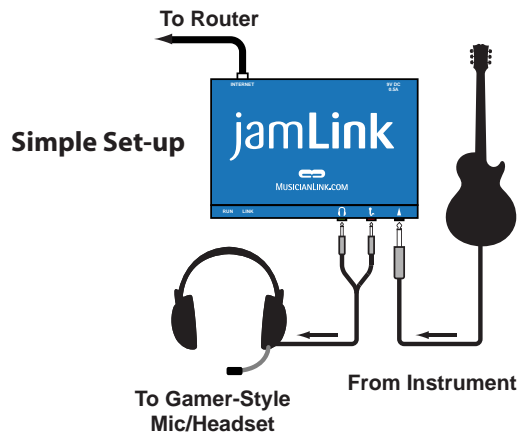
NETWORK SET-UP

- jamLink is controlled by your computer's web browser
- No addition hardware or software installation required
- jamLink connects directly to your router
- Log into MusicianLink.com to access your jamLink
- Starting a jam session is as easy as chatting

jamLink



AUDIO SET-UP



MUSICIANLINK
 MusicianLink, Inc.
 San Jose, CA
 (408) 985-1777
 Visit www.MusicianLink.com