



Live-Jamming

User Documentation

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<i>Project's name</i>	LIVE-JAMMING
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Sommaire

I.Obtenir « Live-Jamming ».....	4
II.Utilisation générale.....	4
1.Installation.....	4
2.Création du compte utilisateur.....	4
3.Connexion.....	4
4.Tester son matériel.....	5
III.Liste d'amis.....	5
1.Ajout.....	5
2.Suppression.....	5
3.Autres actions.....	5
IV.Communication entre utilisateurs.....	6
1.Les « Channels ».....	6
2.Les « Rooms ».....	6
a.Création.....	6
b.Configuration.....	6
c.Gestion des droits et des utilisateurs.....	7
d.Suppression.....	7
V.Le « Jam ».....	7
1.Création.....	7
2.Configuration.....	7
3.Gestion des droits et utilisateurs.....	7
4.Arrêt.....	7
VI.Les fichiers audio.....	8
1.Récupération.....	8
VII.Autres réglages.....	8
VIII.Question fréquentes.....	8
1.Linux.....	8
2.Windows.....	8

I. Obtain « Live-Jamming »

« Live-Jamming » is an open source software, it is available for free download on the website <http://www.live-jamming.com>.

The software is compatible for Windows and Linux 32bit and 64bit. Choose the version appropriate to your operating system.

The software source code is also available on the website under "Download".

II. General Use

1. Installation

Depending on your operating system (Windows or Linux), the installation will be done differently.

Windows : Run the file "**LiveJamming.exe**", and follow the installation steps.

Linux : Untar the file "**LiveJamming.tar.gz**" and run the file **install.sh**.

2. Creating User Account

Before using the software "Live-Jamming", create an account on the website "http://www.live-jamming.com" under "Registration".

An account consists of an ID and a password. It also contains more information about the musical experience of the user as the instrument played, the technical level, the favorite styles of music. Additional information is also information such as location and speed of the connection.

3. Connexion

To connect to the software "Live-Jamming"

-launch software

-click on **File > Connect** in the menu bar located at the top of the software.

-A window appears allowing you to enter your login and password previously recorded on the website.

Here it is, you are connected!

Your login credentials are stored on your machine to facilitate future uses.

1. Testing The Equipment

Live-Jamming "includes a set of rudimentary tests. They can know the main technical features of audio hardware powering your computer.

Also included is a battery of tests to assess the quality and speed of your Internet connection giving comfort game, or inability appropriate when the connection quality is poor or near zero.

III. Friends List

"Live-Jamming", as referred to software community, gets a management system of friends.

The system behavior of friends is similar to instant messaging as "Windows Live Messenger" or "Google Talk.

1. Add

Adding friends is through the pseudo: it can be returned by hand in a field or added via a right click from the list of participants in a chat room or a channel.

2. Suppression

When the user wishes to remove a contact from his friend list, contacts will no longer appear in the list and it is no longer present in the contact list, without any prompting.

When you remove a friend from your contact list, you can block him in order not to be present in his contact list.

3. Other actions

A search can be conducted in the friend list. The user can join a friend in a channel.

IV.Communication between users

Live-Jamming integrates multiple communications channels enabling you to chat with other users of the software.

1.« Channels »

The channels are chat rooms accessible to all, focused on a subject on which all users can converse. They follow the standard behavior of instant chat-rooms on the Internet, such as IRC.

Users can freely create channels with the topic of their choice, of course respecting the conditions described in the terms of use. The number of participants in a channel is unlimited, its access can not be restricted. When a user created a channel, it automatically becomes a director of it.

He has options such as: change the subject, give administrator status, mute, eject or ban a user.

When the channel's creator is disconnected, the channel becomes free administrator. A user can then declare the channel director.

If no user claims administrator rights within two hours after the creation of the channel, the channel is deleted.

2.« Rooms »

The "Room" is the stage between the channel and the "Jam" session". They are very similar to the "channels", except that they are smaller, in fact, only users in the "Room" will participate in "Jam".

a.Création

The "Rooms" are created by selecting multiple friends or participants in a "channel". One invitation will be made to join the "Room".

b.Configuration

The "Jam" options are featured also in the "Room". Some technical options especially the choice of algorithm latency compensation, can be resolved only in the "Room" before the "Jam".

c.Rights management and users

The user who launched the "Room" is director of the following; if he leaves it the second user is administrator and so on. As rooms administrator you have only two options: kick users and launch.

The "Rooms" have in addition two access methods: public and private. A "Room" is accessible by all, conversely, a private "Room" can be reached only by the friends of these users, the administrator can change these patterns as he want.

d.Suppression

A "Room" is directly removed as soon as all the participants leave.

V.« Jam »

The "Jam" is when all the musicians play together. Various information is displayed, certain specific to the user, such as the connection status of all players, their speed, power noise, spectrometer noise and other general information such as elapsed time and a "Channel".

1.Creation

A jam is created when the head of "Room" launches "Jam".

2.Configuration

The "Jam" has some configuration options such as raising or lowering the volume of certain musicians.

3.Rights management and users

The director of "Room" can kick a player or stop the jam.

4.Stop

The "Jam" is stopped when the administrator stops it.

VI.Audio files

Thanks to "Live-Jamming" you can keep track of your audio musical exploits by records them.

1.Recovery

If the "Jam" has been configured, at the end of your session, the result is sent to each user. If the user wants to publish his "Jam", a copy can be accessed directly from the website <http://www.live-jamming.com> to share it with friends and visitors to the website.

VII.Other settings

Live-Jamming "offers several general options, adjustment pushed the mix of sound captured by the acquisition interface sound, management of low / medium / treble and some sound effects and sound enhancement algorithms.

VIII.Frequently Asked Questions

1.Linux

Question: Why is the launch of the software, the error message "Unable to access the audio device" appears?

Answer: Live-Jamming uses Alsa, verify that no applications are using Alsa. Pulse Audio usually create this problem.

2.Windows