SMART RECORDER USER MANUAL

bitonlive

Smart Recorder

Smart Recorder is the registration system of **BitOnLive** integrated in **Flu-O Radio Playout.**

Is part of the package of external applications of **BitOnLive**.

Summary

bitonlive

Installation

Launch the file **Setup_ExtApp.exe** and follow the installation directions.

Playout Configuration

Open **Radio Playout Configuration**, and click **Modify**.

Select the Tab **external applications** and using the **Add button** you can add the **Smart Recorder**.
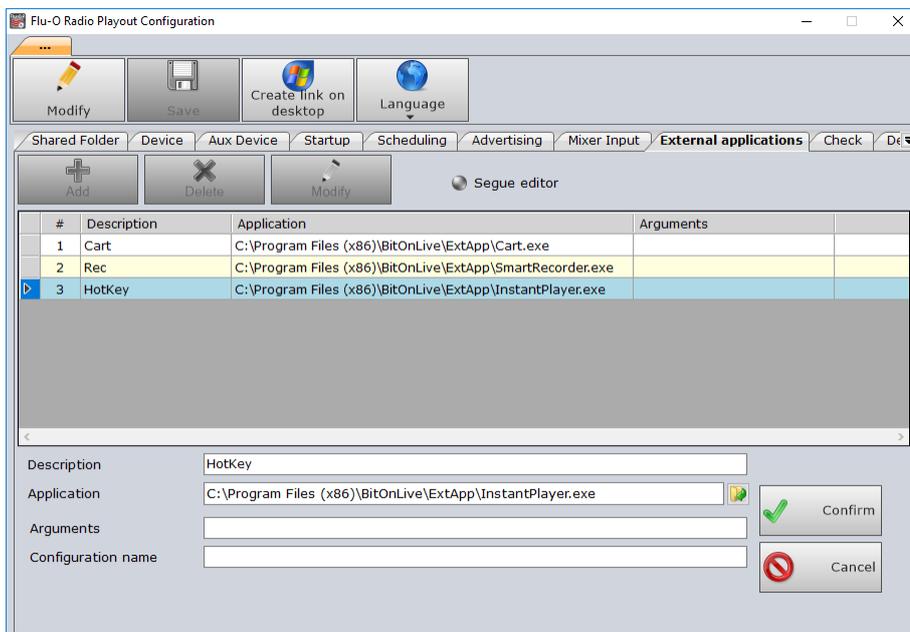
Description: Name to assign to the **Smart Recorder** application

Application: path and name of the file .exe (you can also select through the search key)

Argument: technical parameters to define with the assistance (recommend keeping empty)

Configuration Name: Name of the configuration for the creation of configuration files in the system

When you have finished configuring the **Smart Recorder** Click **Confirm**

> **NB**: for the use of the **Smart Recorder** is also need to configure the input devices in the **Input mixer** tab in **Radio Playout Configuration**.

At the end of the configuration of the playout through the key

Overview

Once configured, open **Flu-or Radio Playout**, and it appears the new section relating to external applications.
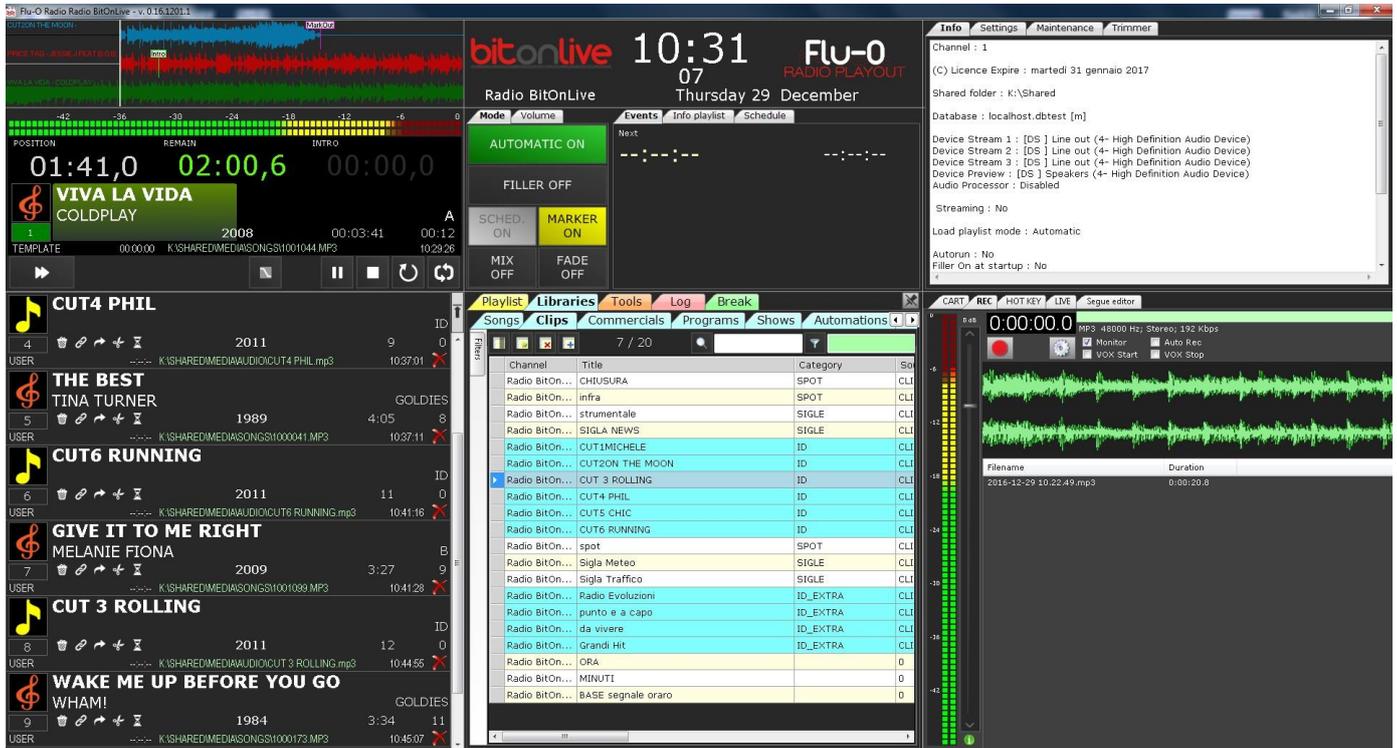
Configuration

To configure the Smart Recorder click the ⚙ icon to open the Configuration window
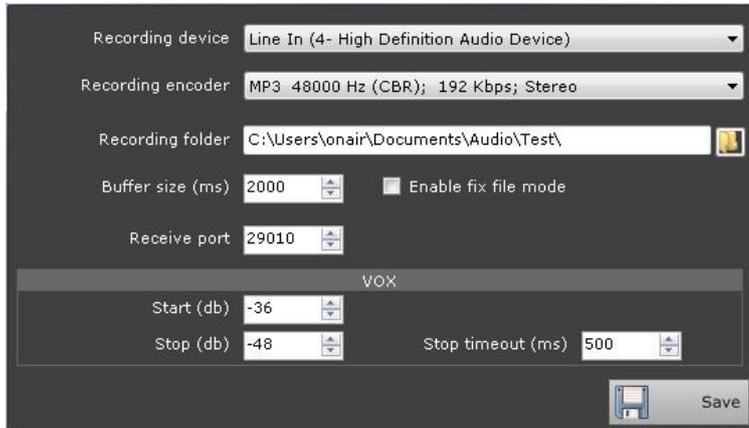
Recording device: Input device for recording

Recording encoder: format of the recorded audio

Recording folder: destination folder of the recorded files

(Can be set through the search window opens by the 📁 button)

Buffer Size (ms): the buffer size for recording in milliseconds

Enable fix file mode: Enables or disables the "**Fix file**" mode

Recieve port: UDP port for receiving **external commands***

Start (db): threshold in dB for start the recording

Stop (db): threshold in dB for stop the recording

Stop Timeout (ms): Time in milliseconds to wait after exceeding the threshold for stop recording.

When you have finished configuring the settings press 💾 Save to save.

*Commands for remote control

Smart Recorder is controllable from any program that is able to send commands through UDP ports

 /CMD:START "/filename:<file_name>"

<file_name> : can be defined with or without path and with or without extension
    If you do not specify the path, will be saved in the path indicated in **"Recording folder"**
    If you do not specify the extension, will be saved with the extension indicated in **"Recording encoder"**

List Commands:

/CMD:Start   Starts recording
/CMD:Stop   Stops the recording
/CMD:Pause   Pauses recording
/CMD:Resume   Resumes recording of file made previously paused

bitonlive

Overview

Through the checks, you can enable or disable the various functions of the recorder.

| ☑ Monitor | ☐ Auto Rec |
| ☐ VOX Start | ☐ VOX Stop |

Monitor: enables the display of the input waveform of the channel configured

Auto Rec: enables automatic recording

VOX Start: enables the start of recording once exceeded the threshold of volume set

VOX Stop: enable the stop recording once returned threshold of volume set

Function Keys

🔴 Starts recording

⏹ Stop recording

⏸ Pause Recording

▶ Restart recording, resuming the writing on the file previously paused.

bitonlive

Use

You can check the status of the registration through the timer in the upper left.

When start a new recording is displayed the name of the file and the duration of the recording in the list below. If the file name is red highlighted means that recording is active on that file, otherwise means that the registration on the file in the list is complete.

By selecting the **Monitor** function, it is possible to have an additional visual indication of the Recorder status.

If the waveform is green the program is active and in listening state

If the waveform is red for the program is in the phase of registration

If the waveform is of yellow color recording is paused.

Selecting **Auto Rec** is enabled automatic registration.

If enabled simultaneously with the **VOX Start** and **Stop VOX** functions recording start and stop automatically at the exceeding thresholds set in the configuration stage.

Once you have finished recording you can insert the file directly in the on air playlist through the "drag and drop". Select the file and drag it to the desired point of playlist.

In this way, **Flu-O Radio Playout** will manage the file as if it were a load from outside of the database.

Manage Recordings

By double-click on the recorded files in the list it is possible to manage the file

Delete File: Delete the file

Save as: Saves a copy of the file by opening a search window

Rename file: Rename the file

If in the configuration phase has been enabled the "**fix file mode**" function, by selecting a file in the list with the right mouse button you can set it as a single recording file. The recordings will be written within a single file by overwriting the data.

To exit from the "**fix file**" mode click