

Grandstream Networks, Inc.

GSC3505/GSC3510

SIP Speaker

Live Music Streaming



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INTRODUCTION

This document describes the basic concepts and steps to live stream your music via RTSP stream using your SIP Speaker GSC3510/GSC3505. In this guide we will be using VLC Media Player version 2.0.2 in order to setup the Music Stream.



SUPPORTED DEVICES

The table below indicates the supported models with the minimum required firmware:

Model	Firmware
GSC3505/GSC3510	1.0.1.10 or Higher



LIVE MUSIC STREAM

MUSIC STREAMING SERVER PREPARATION

Kindly help to install VLC Media Player 2.0.2 and help to proceed as follow:

1. Open VLC and go to **Media→ Open Network Stream**

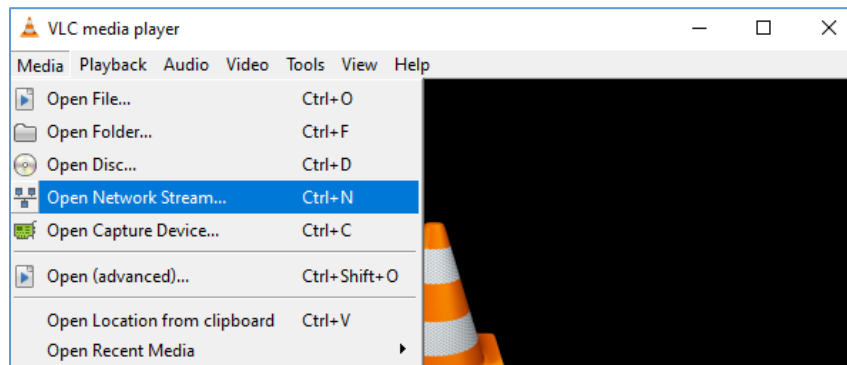


Figure 1: Open Network Stream

2. Go to File, and click **Add** to select the media (mp3 format) to be played.

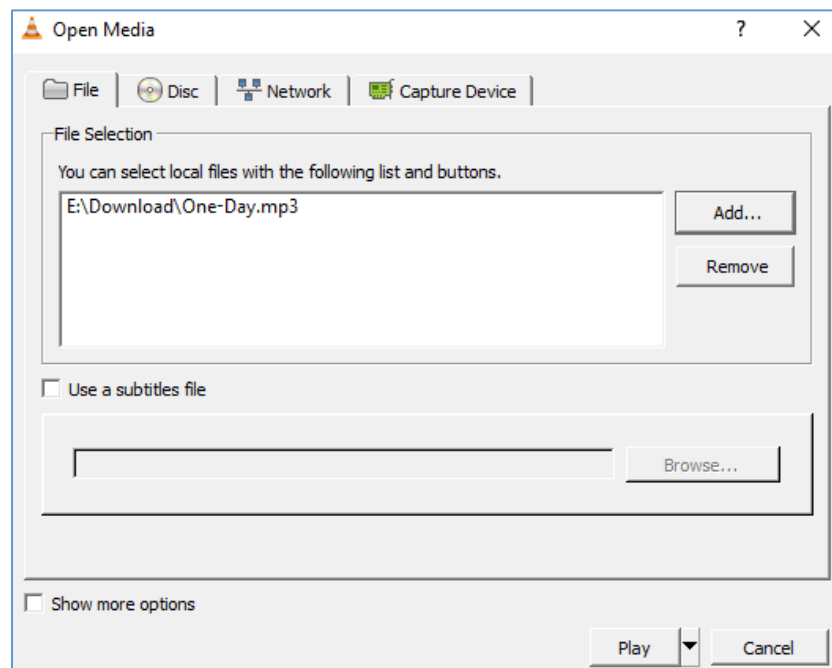


Figure 2: Add Audio File

3. Once the file is selected, help to click the triangle next to Play at the bottom and select **Stream**.



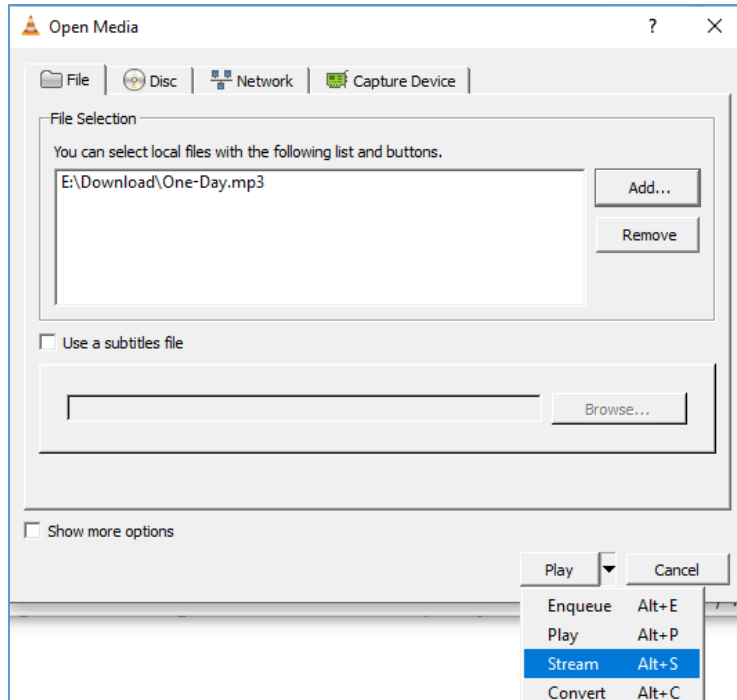


Figure 3: Select Stream Configuration

4. On the next page, click **Next** in order to get to the page configure RTSP Path and to select audio format.

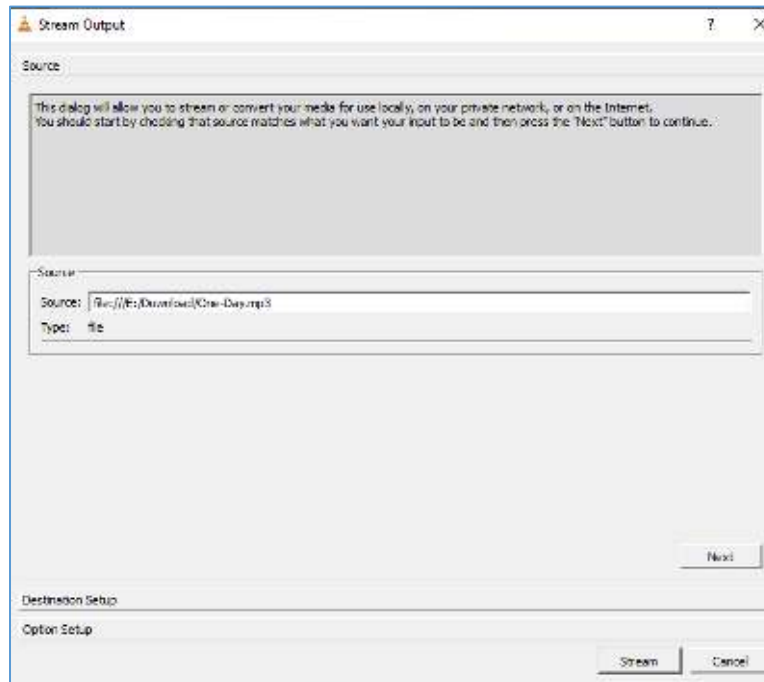


Figure 4: Proceed to Stream Settings

4. On this step, start by setting up **Transcoding Options'** Profile to: **Audio – MP3**. In Destination section, set **New Destination** to **RTSP** then click **Add**.



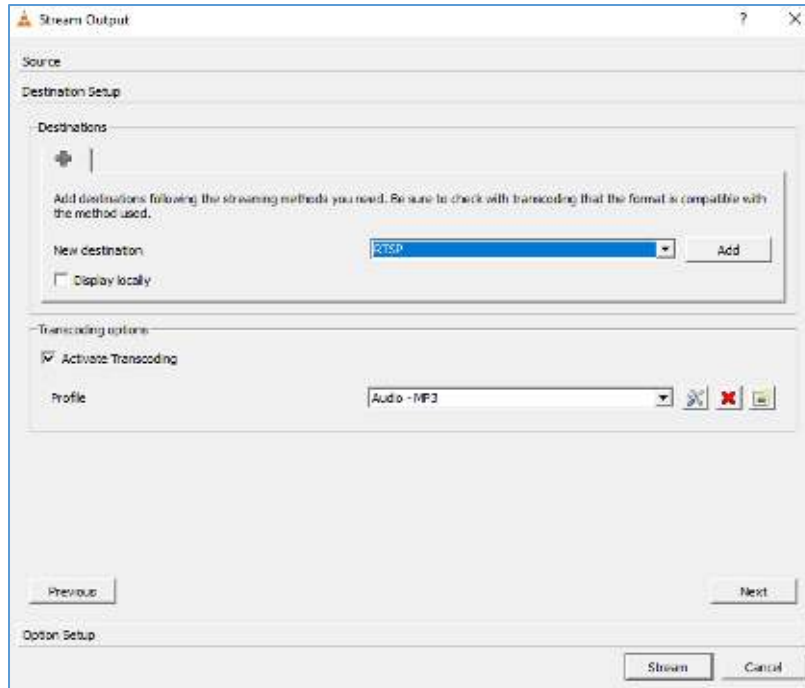


Figure 5: Destination and Transcoding Configuration

5. Please set the RTSP **Port** to be used and make sure to set the **Path** as below example and click **Next**.

Note: For the GSC35XX, it supports playing audio files in .ts (.mp3) format. For example: rtsp://ip_address/musicFile.ts.

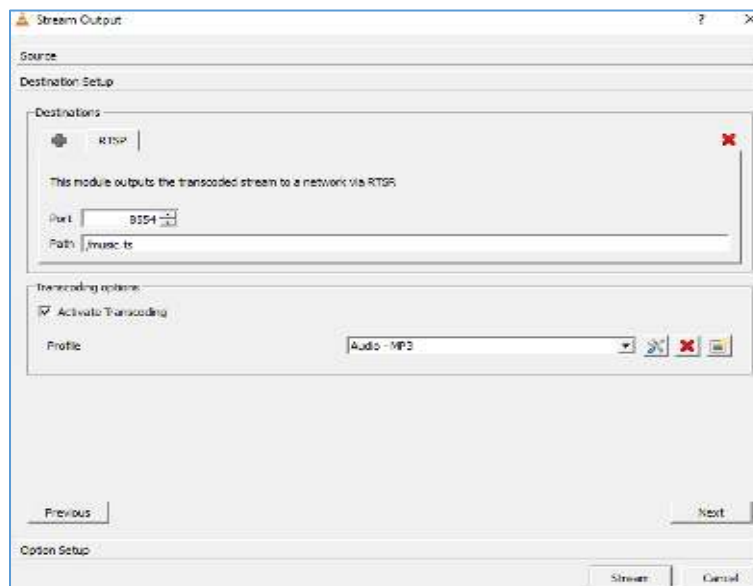


Figure 6: RTSP Port and Path Configuration



- Once the Port and Path for RTSP and Transcoding Profile are set then you can click on **Stream** for the media to start streaming live.

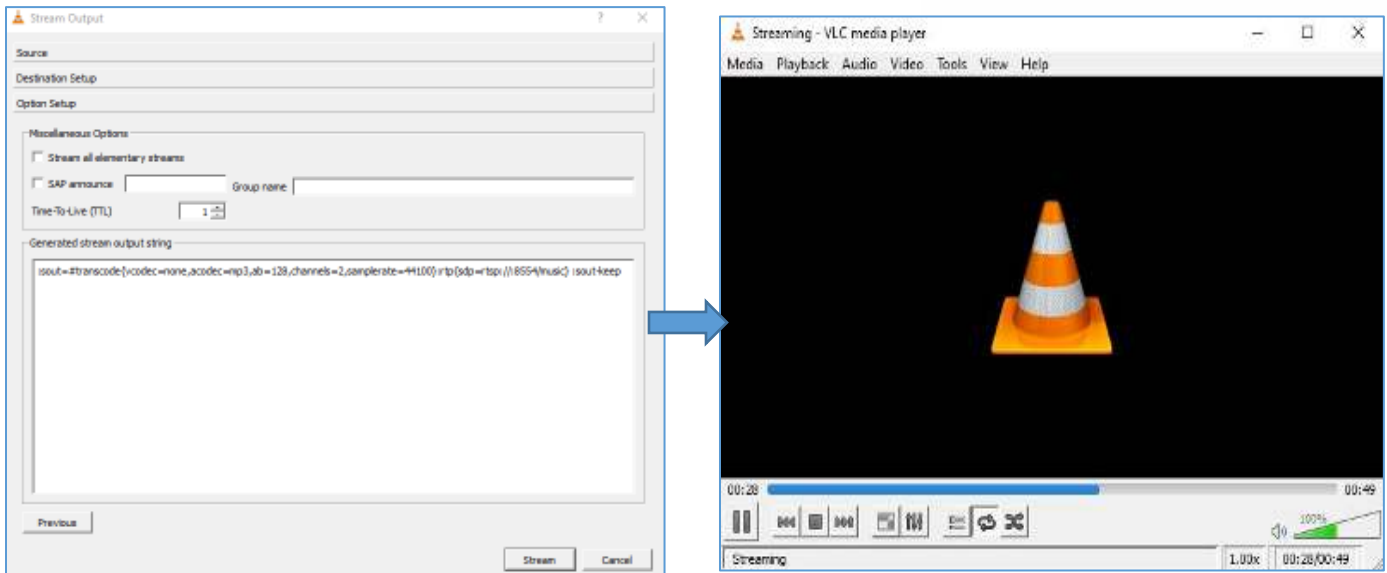


Figure 7: Start Audio Streaming

GSC35XX CLIENT CONFIGURATION

Please proceed from GSC35XX web interface → **Applications** → **Music** and set **Audio file address** field with following Path to **music.ts** file: **rtsp://IP of Computer running VLC:RTSP Port/Path** then click **Save** and **Play**.

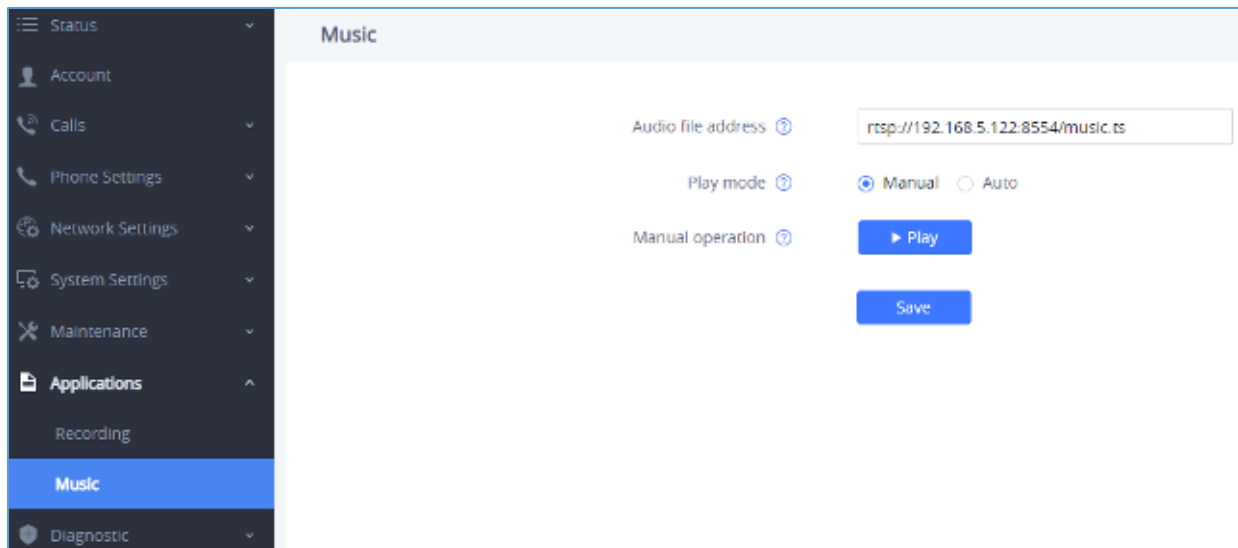


Figure 8: GSC35XX Configuration

