

# HLJÓMAHÖLLIN – A RENOVATED HALL AND A NEW MUSIC SCHOOL

*Halldór Kristinn Júlíusson*

VST-Rafteikning hf  
Ármúla 4  
IS-108, Reykjavík, Island  
hkj@vst.is

*Steindór Guðmundsson*

VST-Rafteikning hf  
Ármúla 4  
IS-108, Reykjavík, Island  
steindor.g@vst.is

*Stefán Einarsson*

VST-Rafteikning hf  
Ármúla 4  
IS-108, Reykjavík, Island  
seinarsson@telia.com

## 1. INTRODUCTION

In the town of Reykjanesbaer (close to the Keflavik airport) a “Music House” is being built. Here an old music hall is rebuilt and beside it a new music school is built with two smaller halls and besides that a Museum for Popular Music. The old hall will be a multi-purpose hall for all kinds of music: Classical, pop, rock and also musicals, theatre etc. Because the volume of the hall is too small for classical music, and also because of the demand for high flexibility, it was decided to install an electronic “help-acoustic” system. The VRAS- system was chosen, installed by the Norwegian firm Panpot. Acoustic consultants are the Icelandic firm VST-Rafteikning hf.

The music school is in two levels with music practice rooms in both levels, and also some larger rooms. A recording studio is located in the center of the music house, consisting of two control rooms.

The recording studio is also a part of the music school studio and will be used a lot for teaching purposes.

The two new halls are called the chamber music hall and the rehearsal hall respectively. They are made as double constructions (“box-in-box”) to get a good sound insulation. Above the rehearsal hall and next to the chamber music hall there is a technical room, which is also a “box-in-box” construction to minimize disturbance from it to the two halls.

The rooms of the music school are classed in 4 categories: A, B, C, D - with different demands on sound insulation. The highest demands, category A is for the percussion room, the recording studio and the two new halls.



The Music House in Keflavik