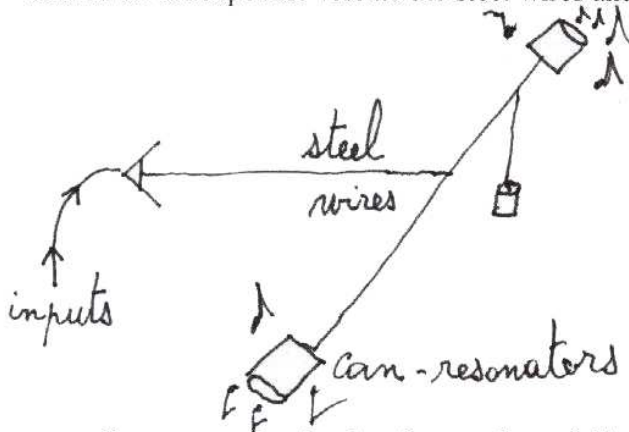


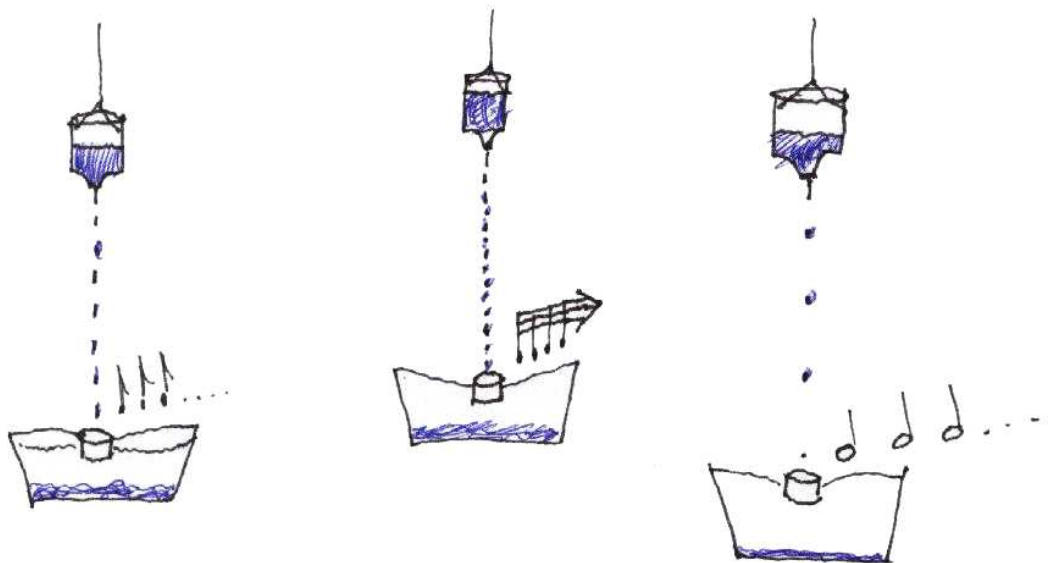
Project for a sound installation

«Extended drops»

This project is based on two previous installations I've been working on and presenting in various spaces these last years: «Extended loudspeakers» and «Drops». The basic principle of the first one is to fix a steel wire in the motor of a loudspeaker without membrane. The wire is connected at its other end to a net of can-resonators suspended and spread in the space. The inputs sent in the loudspeaker vibrate the steel wires and sounds come out of the cans



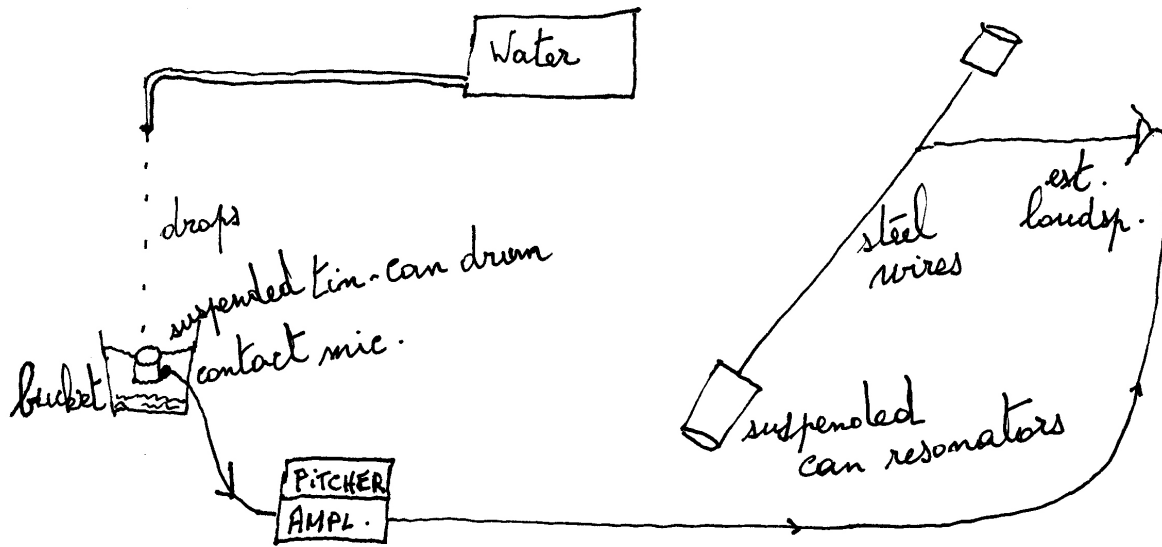
«Drops» consist simply of water drops falling on various suspended tin cans at various speed (picture 1)



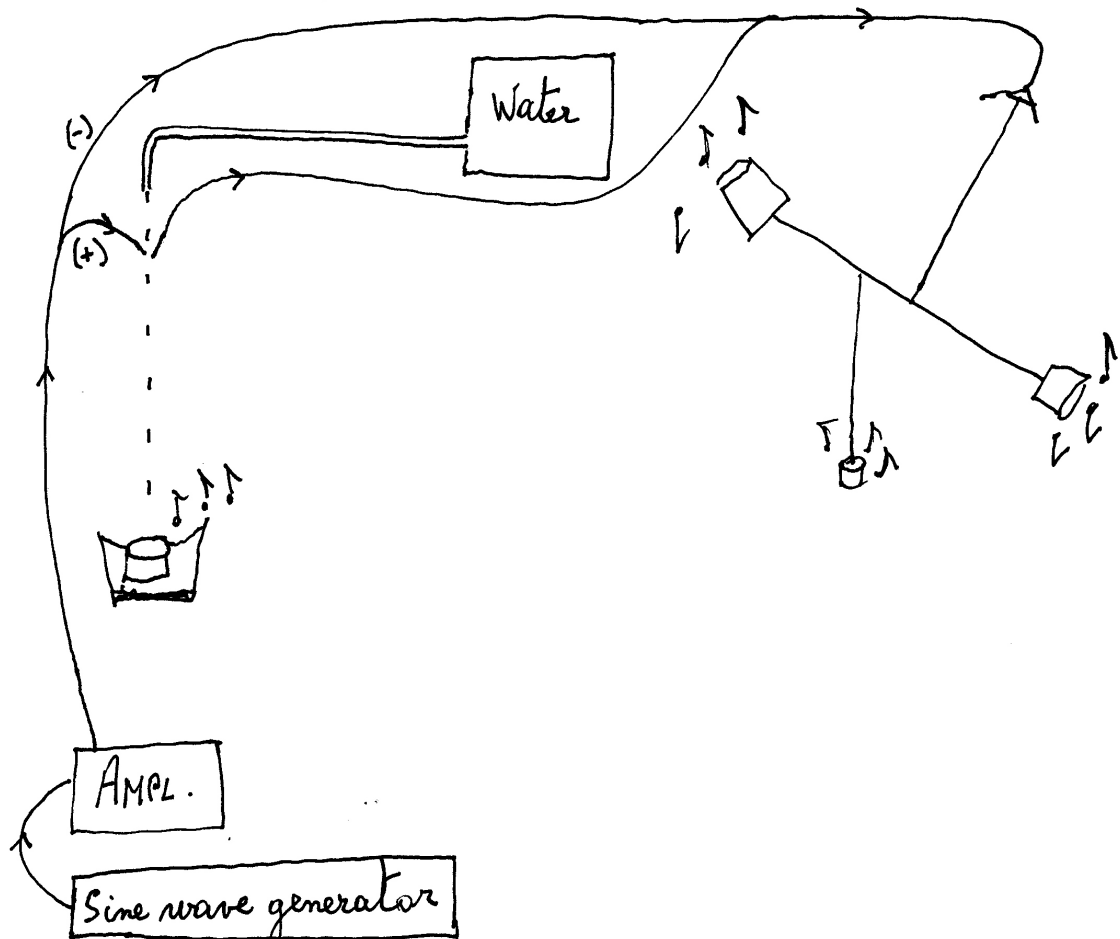
One can find more details, photos and sound examples of extended loudspeakers and drops on www.pierre.berthet.be and on the C.D. "extended loudspeakers" edited by the label subrosa in 2009.

In « extended drops », I'll combine these two installations by searching various ways to have the drops triggering the inputs sent in the extended loudspeakers:

1.- contact mic. is fixed on the side of a tin-can drum so that the sounds resulting of the falling drops may be sent in the ext. loudspeaker, eventually pitched so to vibrate the sting more efficiently.



2.-The two parts of a cut loudspeaker cable are installed under the falling drops so that the electrical signal passes only when drops fall on them. I was inspired to develop this method thanks to an installation by Arno Fabre. Water is mixed with a small amount of chloridric acid. Inputs are modulated sinus waves, pre-recorded and tuned to the installation.



Devices are multiplied according to the dimensions of the proposed space.

Thanks to a “Smart” grant in may-june 2010 for a residency at the CRFMW (Centre de Recherches et de Formation Musicales de Wallonie) in Liège (Belgium), I could one more time benefit from the help of Patrick Delges who realized a system to control the speed of the drops, using Max msp software.

We prepare a Berlin version of this installation for the Singuhr Hoergalerie (<http://www.singuhr.de/>) in an old disused water reservoir. It will be exhibited from july 2 to sept. 12. In this version there will be 4 extended loudspeakers triggered by 4 drip devices.

Sound examples recorded during our first try-out period in Berlin by the end of april 2010 can be heard on these links:

<ftp://ftp2.crfmw.be/crfmw/pb/ExtDrops01.mp3>

<ftp://ftp2.crfmw.be/crfmw/pb/ExtDrops02.mp3>

<ftp://ftp2.crfmw.be/crfmw/pb/ExtDrops03.mp3>

During 2010-2011, various versions of the installation should be presented in Maastricht, Bergen (Sweden) and Kortrijk (Belgium) through the “resonance” network, wich is a new grouping of venues interested in presenting “sound art”: