

# altiverb



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## *Description of Portable sine sweep playback gear*

### This documentation

#### *Portable Sweep Gear.pdf*

You can make impulse Responses by playing back a sine wave sweep CD using portable self powered gear. Audio Ease has created correction equalization curves for three tested playback sets. These curves are accessible in the *Altiverb IR Pre Processor* application that comes with Altiverb.

This document lists the tested portable machines, and their availability .

The quality of the impulse responses made with the described sets can be evaluated at **[www.audioease.com/sweepgear](http://www.audioease.com/sweepgear)**

### Related documentation

#### *Making post production IR's.pdf*

This manual describes how to make impulse responses from real rooms such as film sets, bathrooms and outdoor spaces with the intention to use them in post production (i.e. for ADR and foley purposes). It focuses on quick and practical ways to obtain impulse responses, using portable equipment.

## Speaker, Car Stereo & battery



This set will playback sweeps for up to 1 hour before the battery exhausts. This is the highest quality completely portable and self powered set that audio ease worked with. To assemble it you should purchase (from top to bottom)

### A battery and a charger



www.mdsbattery.com ships batteries in europe and the US. You need a battery that gives 12 Volt (sometimes it says: standby use 13.5 volt. That is no problem). The minimum spec is that it is a 3.2 Ah battery (this number may be bigger). (this one is 2.56 lbs, or 1.16 kilogram)

Panasonic LC-RB124P (this one is 2.56 lbs, or 1.16 kilogram)

and LC-R123R4PU are good.

Remember to ask for a battery charger too.

### A Car CD Player/Amplifier

We used a Sony 45 Watt CDX L280, available in car stereo shops. This is a very regular car stereo. Similar products will do fine.

### A Tannoy reveal passive near field monitor

The Tannoy Reveal is available at [www.sweetwater.com](http://www.sweetwater.com). It is convenient, affordable and has an impedance of 4 Ohm which matches most car stereos.

### Playback:

When making IR's with this set, select the file called *Tannoy Reveal sweeps* in the Altiverb IR Pre processor. You can choose to engage DBass, a bass enhancer in the sony CDX L280 car stereo. When you do, engage DBass fully, and select *Tannoy Reveal+Sony DBass sweeps* in the Altiverb IR Pre processor. instead.

## Boomboxes

A powerful Boombox is a very convenient option for playing back sweeps. Especially when it has a remote control. The models below were sampled by Audio Ease, and their correction curves were implemented in the Altiverb IR Pre Processor.

### Sony CFD-G70 or CFD-G70L



This machine is available on-line at amazon.com at \$129.99.

When playing back sweeps on this machine, set eq (available under 'sound' knob) to flat, and use the woofer to it's maximum by clicking power-drive-woofer twice. Maximum sweep playback volume is 5=

When making IR's with this boombox, select the input description file called *Sony CFD-G70 + woofer sweeps* in the Altiverb IR Pre processor application.

### Panasonic RXES22, RXES25 or RXES27



This machine is added for convenience. If you can, pick up the Sony above, it offers better quality.

Maximum sweep playback volume is 32. Set all eq to flat and do not invoke 3D sound, bass enhancement or harmonic enhancement features. Available at <http://www.currys.co.uk>, or visit [panasonic.com](http://panasonic.com) for availability.

When making IR's with this boombox, select the file called *Panasonic RXES22-25-27 sweeps* in the Altiverb IR Pre processor application.