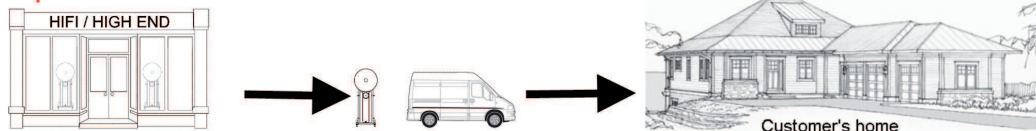
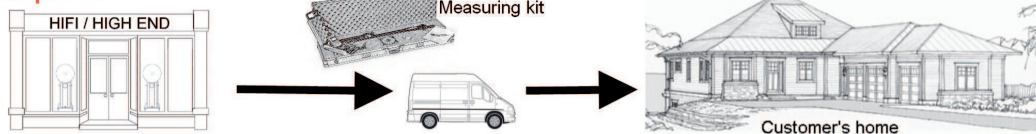


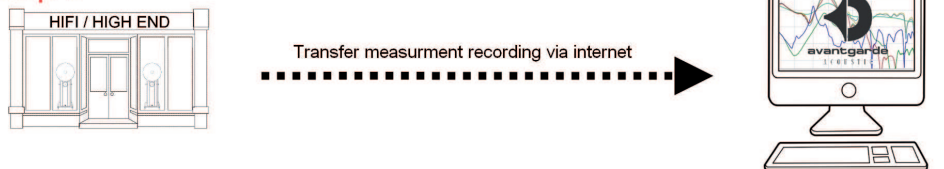
Step 1A



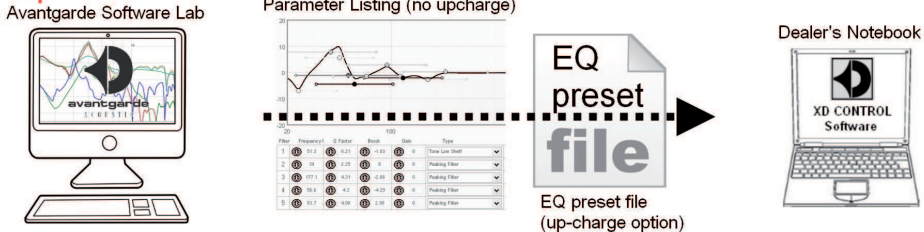
Step 1B



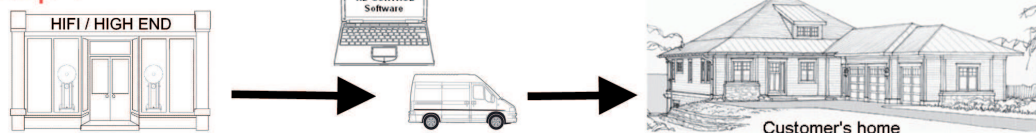
Step 2



Step 3



Step 4



Whether performing a room acoustic measurement at the customer's home is necessary may depend on the properties and dimensions of the room. In what could be considered a closed, normal square room of cubic shape, a room simulation in our Software Lab will usually suffice for generating according correction curves.

Therefore we offer the data collection PDF for download, please see: www.avantgarde-acoustic.de/download/RSC-procedure-PDF02.pdf

In this document, room dimensions and other related data is collected (fillable on screen), then submitted to: a.krauss@avantgarde-acoustic.de via email. This equals **Step 2** in the picture to the left. From then on, **Steps 3 and 4** are identical with the below description of the measuring procedure.

In rooms that have a much more complex layout (e.g. with curved walls, L-shaped footprint, very high ceilings etc.), or could not be called a closed room at all, the simulation will not deliver appropriate results. In this case a measuring session with our measuring kit is going to be the appropriate procedure.

MEASURING SEQUENCE

Step 1A: Client buys Avantgarde Acoustic XD speakers and gets them delivered/installed by the retailer.

Step 1B: Client requests room acoustic optimisation, and retailer suggests (sells) a measuring session by using the Avantgarde Acoustic measuring kit. Then visits the customer and performs the measuring procedure.

NOTE: *Steps 1A and 1B may be combined by selling the speakers and offering the room acoustic optimisation service at the same time. In general we would strongly recommend that the measuring kit always travels with the retailer during installations, thus having it available (and being able to offer the service directly) whenever room acoustic issues would arise!*

Step 2: Retailer sends data (WAV file) recorded at the client's home to our Software Lab via our website. Upload page: <http://www.avantgarde-acoustic.de/de/service/RMC-uploads.html>.

Avantgarde Acoustic will then process the file in a proprietary sophisticated software suite, generating either a "Parameter Listing" or an "EQ Preset File" within 2 working days (target time).

Step 3: Avantgarde Acoustic returns a Parameter Listing (no up-charge) or EQ Preset Files (up-charge option) to the retailer, who downloads it e.g. to a laptop with the XD CONTROL software installed.

Step 4: Retailer visits the customer and either types the values of the Parameter Listing into the EQ of the XD CONTROL software OR uploads the EQ Preset File to the customer's speakers via the XD CONTROL software.

NOTE: *Our measuring procedure is a scientific approach that will dependably identify room acoustic effects around the listening position in the bass range (20...290 Hz, depending on model), enabling us to calculate precise compensation curves.*

However, in some cases, customer's may prefer a specific "footprint" in the sound (e.g. a rock music lover might want to have a deliberately "richer" bass performance), i.e. after applying the compensation the customer may still require some guidance with readjusting the sound to a slightly different balance. Thus we strongly recommend that the compensation adjustments are applied by the dealer personally!