RETROAKTIV

KIT CONTENTS:

- **5 x Adhesive Sensor Strips**
- **5 x Foam Strips**

HOW TO REPLACE SENSORS:

Begin by removing the old sensor strips and foam from the aftertouch boards. It is important to remove all adhesive residue and to clean the gold plated interlaced finger pattern of each sensor. Do not use an abrasive to do this, as it will rub the gold plating off of the traces. When the traces are clean, you are ready to apply the sensor strips.

Each sensor strip has a peel off backing, which will expose the adhesive. To be sure that the backing peels off cleanly, take each strip (before removing the backing) and place it sensor side down on a hard surface and glide your thumb up and down the strip several times to ensure that the adhesive is well attached to the carbon material before peeling off the backing. Now remove the backing to expose the adhesive layer.

Make sure that the black carbon dot is aligned to the center of each sensor on the board, then apply the strip, sensor side down (glossy side up) to the PCB. Use your thumb to gently glide up and down the sensor strip to make sure that the strip is well applied to the PCB.

It is a good idea to test each note's aftertouch response at this point. To do this, use one hand to trigger each note (by moving the flag for that note through the optical sensor), and when the note sounds, use your finger to press on each sensor. Test every note. Be sure that there is no conductive foreign matter stuck under any of the sensors, and that each sensor is responding well. Once satisfied with the response, it is time to apply the protective foam to each sensor strip.

IMPORTANT NOTE: The foam strips are VERY sticky. Once they are applied to a surface, they will not come off without damaging the foam strip. This is the most critical part of the sensor replacement process, and it must be done carefully. DO NOT STRETCH THE STRIPS WHEN APPLYING!!! The foam should be laid onto each strip slowly, and with great care, taking efforts to not stretch the foam (Which will apply horizontal forces to the aftertouch sensors, causing poor response). Once the foam is applied, use a razor to trim any excess foam off.

Once sensors are applied, adjust each key's capstan for an even response across the entire keybed.

Note: The carbon on these strips has a slightly higher resistance/unit distance than the original carbon used. This may or may not be satisfactory to you. If you require more aftertouch range, we recommend replacing the bussed 10k resistor arrays with either 18k or 20k bussed arrays. This is optional.