

## FAQ

### ■ How does my guitar get to **plek**Haus Berlin?

You can send your instrument to us directly. Better would be you asked your local music shop, for they should have the necessary packing material, shipping experience and favourable shipping rates. Quantity-dependant we offer special prices for businesses (music shops, guitar builders).

### ■ What else can **plek** do?

**plek**Haus is a full service repair shop: As a master Guitar builder Jörg Kuhlo offers his customers competent services in all aspects of guitar repair.

Here are some examples of common repair work done together with **plek**:

- New Nut / Saddle
- Refretting (Nickel silver / Stainless Steel)

### ■ **plek** special: engraving and inlays.

The **plek** machine can also engrave complex Graphics any were on the fretboard or nut, anything from simple dots to custom bitmaps ( for instance: bandlogos)



## **plek**Haus Berlin

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Openinghours:  
Mon. to Fri. 10:00 - 18:00  
If possible please make an apointment in advance, so that we can schedule enough time.

## Your **plek**Haus partner

Mik-MediaDesign.de

# **plek**HAUS Berlin

Guitarservice



# plekHaus

■ Under the name PlekHaus, a joint undertaking of master guitar builder Jörg Kuhlo and **plek** company founders Gerd Anke and Michael Dubach, the world of traditional Guitar building and modern technology is combined. As well as traditional craftsmanship, **plekHaus** offers the already worldwide known computer guided fret dressing known as **plekin**.



■ **Jörg Kuhlo** has a wealth of experience as a guitar builder (**Kuhlo Guitars**) and repairman to fallback on. Most of this experience he accumulated during his 10 year stay in the U.S.A, at companies like Washburn and Guild amongst others.

■ The trademark **plek** stands for the precise computer guided setup of guitars based on a patented Technology. Using the principle of scanning the instrument under string tension.



The **plek** process is currently offered in 17 serviceshops worldwide. Famous Guitar manufacturers such as Duesenberg, G&L, Gibson, Heritage, Martin, McPherson, Suhr, Takamine, Warwick/Framus, Wechter use **plek** technology in their production (Status Feb. 2008 and counting. For current status go to [www.plek.com](http://www.plek.com))

## To **plek** what does it mean?

■ **plek** improves the playability of Guitars. The name **plek** - an abbreviation of the Greek word "plectrum"- was chosen because the "plectrum" symbolizes a connection between musician and his/her instrument.

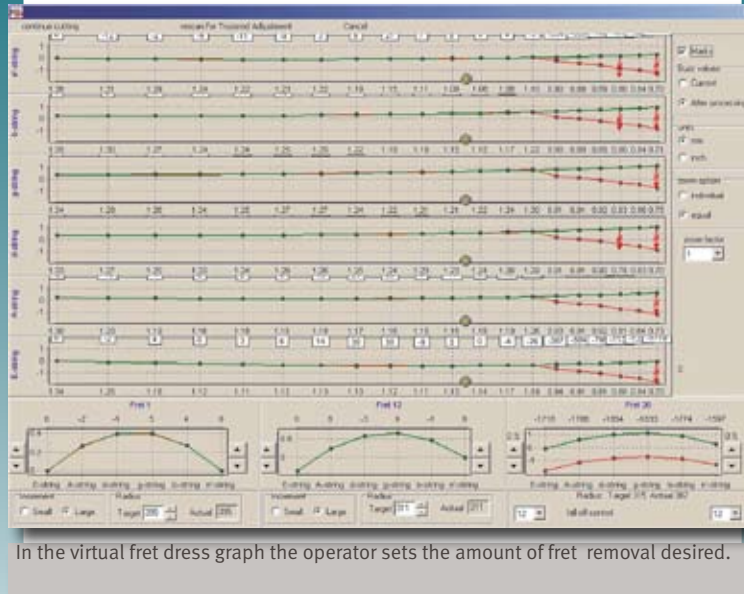
### ■ What happens to the instrument when it is **plek**'d?



Sensorfinger: With the Plek scan the machine makes a „digital fingerprint“ of the fretboard.

When an instrument comes to us the first thing we do is scan it. This means we measure the fretboard surface and action under string tension. This way we can compare before and after processing. The measurement graph lets us see how high each fret and string is in any position.

To determine how much improvement can be made depends on how much the fretboard, frets and string action differ from the desired action of the player.



In the virtual fret dress graph the operator sets the amount of fret removal desired.

Based on the measurements and the desired playability the trussrod is adjusted, frets and nut slots cut and bridge adjusted to the chosen string action.

Before actually processing the strings are removed and the neck is scanned again.

In closing the frets are polished and intonation is set.



No matter if nickel silver or stainless steel: The Plek cuttermodule can dress frets to an accuracy of 1/100 mm.

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■ **How much better is my guitar after being **plek**'d?**  
This question can be answered simply: It depends on how good or bad the guitar was before. Even a guitar with good playability can often be improved. But of course the difference is more obvious the more the fret were worn and how inadequate the setup was beforehand.

■ **Which string action is the best for me?**  
„As low as possible without any buzz!“

This request may stand to reason, but does say much. If dressing frets traditionally by hand or with the help of Plek technology: It all depends on the individual playing style.

A harder attack requires a higher string action, and vice versa. This requires a different neck relief and in turn influences the trussrod adjustment and dressing of the frets. For many players **plek** medium offers a setup that is very comfortable to play.

But still some player would find this action to low others would say it feels the high.