

## KIT-ST-35

### Tools needed

Small Phillips screwdriver  
Big Phillips screwdriver  
Soldering iron and solder  
Wrench  
Hammer

The most all-round electric guitar for you to build yourself. The high quality ash body, maple neck with its pau ferro fingerboard are the ingredients for a classic electric guitar sound. The three single coil pickups will amplify the sound to suit your taste. Of course this kit contains the traditional tremolo. The neck is already equipped with frets and neck and the body is already aligned. All parts are included in the package such as pickups, screws, potentiometers, switches, tuners and strings. Furthermore you can of course enjoy them with paint and/or specify the colour or gloss you want. If you wish to continue viewing the wood grain, then the clear coat is an excellent choice to emphasize the grain of the wood. The DIY guitar Boston is a fun, easy and creative way to create your own unique guitar. The headstock is a so called half-paddle head, a blank canvas ready to be formed to your own ideas!

body : ash

neck : USA maple

fingerboard : pau ferro

bridge : traditional tremolo

pickups : 3 x single coil

hardware : chrome

### Wood

First shape the headstock to your liking. Use files or saws and sanding paper to make your headstock design neat and tidy. Make sure you remove all saw and sanding marks. This will be your signature on this guitar, take your time!

### Sanding and finishing

Take the loaded pickguard off your guitar. Sand the body and neck with 320 grit dry sanding paper. After this step, use masking tape to guard those parts that you don't want to colour/finish. Always follow the instructions on your finishing product, be it staining, spraying with aerosol cans or finishing in a spraying booth. After the body and neck have been finished in the colour and gloss of your choice, and you have polished your guitar to the desired result, it's time to fit the neck to the body.

The base of each guitar is the wood construction. The neck pocket in our kits is perfect. There is no need to work the neck pocket other than maybe a simple sanding. Slide the neck into the pocket and take the neckplate and the four big screws to fasten the neck.

### Electronics

The pickguard of your ST-35 has been prepared already. You only need to thread the output wires to the appropriate cavity and solder them to the output. Solder a ground wire to the top of a potentiometer and lead that cable into the vibrato cavity. Now you solder this to the spring claw. This is necessary to prevent earth humming. Take the jack plate and

fasten the output to the jack plate. Now screw this into the body.

Hardware

Install the machine heads. Don't forget the washers. Before drilling or punching a hole to secure the machine heads, please align the machine heads on the back, so it looks neat and tidy. Now fasten all screws and nuts. A loose washer or nut can cause unwanted resonance.

If wanted, you can install the two string retainers to keep the strings under the correct angle at the nut.

Installing the tremolo unit. First you secure the spring claw into the body. Now take the tremolo unit and screw it into the body. Please make sure that you leave the screws out a little bit for the unit to move. Turn the guitar around and fit the tremolo springs to the tremolo block and the tremolo claw.

Put the strings on and start tuning the guitar.

Now the guitar needs a set up. Once tuned to pitch, check the neck curve and adjust to your preference with the trussrod key. Check the frets for level. If the frets are not level enough to your liking, level and polish the frets. Now adjust the string height so the guitar plays comfortably all over the neck and there is no string buzz. The string height at the tremolo unit is set using the supplied small Allen wrench. The string height at the nut is set by filing the string slots to the desired height.

Finish setting up with adjusting the intonation. Now you are ready. You have built your ST-35 ! Have fun playing it!