

READ ME FIRST

This product must be installed by a qualified L.R. Baggs dealer or professional luthier only. We do not warranty or provide assistance to home or hobby installers.

The RT System is designed for use with the L.R. Baggs Ribbon Transducer pickup only. We cannot warranty the unit when it is used with other pickups. We recommend that the RT System preamp be mounted on the inside side of the guitar on the straight spot just above the waist. This will facilitate installation of the RT Remote Control Module (optional) and replacement of the battery.

Since the pickup and output harness plug into the preamp modules, there is no soldering required and installation is a snap. Just be sure that there's room to plug and unplug the pickup and output harness before you stick the preamp in place. If you are installing the optional Remote Control (or you think you might install one in the future), be sure that you choose a preamp location that will allow the Remote to reach the side of the soundhole (the length of the Remote cable is 3 1/2"). The output and pickup connectors must point towards the strapjack for the Remote to fit properly.

Before you stick the preamp to the side of the guitar, carefully consider its location and be sure that the area is free of dirt and dust. The adhesive used for sticking the preamp to the guitar is very strong. It's great for holding the preamp firmly but difficult to remove or reposition. If you ever need to remove the preamp, slide a spatula into the gap between the preamp and the wood. Now push and wiggle the spatula until the adhesive is loosened. Do not attempt to pry the preamp from the wood as this may result in a cracked side or back.

INSTALLATION

1. Start by installing the strapjack. Drill a clean 1/2" hole in the guitar's tailblock using method "a" or "b" below depending on the situation. Place a piece of masking tape over the drilling area on the side of the guitar to avoid chipping the finish and:

(a) Drill a 1/2" hole with a Forstner or Brad Point bit, or

(b) Drill a small pilot hole in the tailblock (if the guitar already has a strap button, use the existing hole as you drill the guide/pilot hole), and widen it with a sharp 5/16" drill bit. Using a tapered reamer, you can then ream the hole large enough to use a standard 1/2" drill bit to drill through the tailblock without disturbing the finish.

2. Remove the strap ring, retaining nut and one washer from the end of the jack. There should still be one star locking washer, one flat washer, and nut remaining on the mid section of the jack. Bring the jack down into the soundhole and through your pre-drilled hole on the tailblock. Using the internal nut (be sure to include the flat and star washers), set the proper depth that will allow the entire threaded brass section of the jack to protrude out the end of the guitar. With the jack in place, lay the remaining washer over the threads and attach the external retaining nut until its tight. Finish by attaching the strap ring (it should cover the retaining nut and washer) carefully so as to not crack the finish of the guitar by asserting too much pressure).

3. If you are installing the RT Remote Control, do so now according to the directions included with the unit. Be sure to pull the two wire jumpers from the strip socket before insertion. If you ever wish to remove the remote, you will need to reinstall these. One jumper connects pins 2 and 3, the other connects pins 5 and 7 (Note: you may use a piece of resistor lead or 22 to 24 gauge wire in place of the jumpers). Plug the remote cable into the strip socket making sure the colored stripe goes to pin 1. It helps to rock the cable from side to side as you plug it in. Insertion is stiff on purpose for reliability.

4. Plug the pickup (see Ribbon Transducer Installation Instructions for installing the pickup) and output harness into the jacks as labeled on the preamp, then install a 9V battery (not included). Be sure to observe polarity, then snap the battery firmly into place. It will help to lift the end of the battery slightly, to clear the rivets on the battery clip, as you press. Now stick the preamp on your chosen spot.

5. Secure the output wire to the inside of the guitar with two of the peel-and-stick cable platforms provided. Secure the

I N S T A L L A T I O N (c o n t i n u e d)

pickup wire to the underside of the guitar top with one of the platforms. Note: This is not referring to the peel-and-stick foam on the pickup itself. Choose a location for the platform between the pickup and preamp, several inches away from the pickup. If there is a brace that the wire will cross, make a little slack in the wire so it does not touch the brace.

U S E R ' S G U I D E

The RT System preamp by itself has no user controls. The output level has been set to the -10dB standard when partnered with the Ribbon Transducer. The RT System preamp is designed to interface with just about anything you can plug into. The output jack acts as the switch - plug it in and it's on, unplug it and it's off. The easiest way to check the battery is to plug into your rig and play very hard on the lower strings. If you hear a fuzztone, drop in a fresh battery.

The RT Remote Control gives you volume and tone controls as well as a battery status LED that fades as the battery weakens. We recommend that you use a high quality PA or acoustic guitar amp to realize the best performance from these systems. Both should sound great with little or no EQ.

L.R. Baggs