

PRODUCT MANUAL

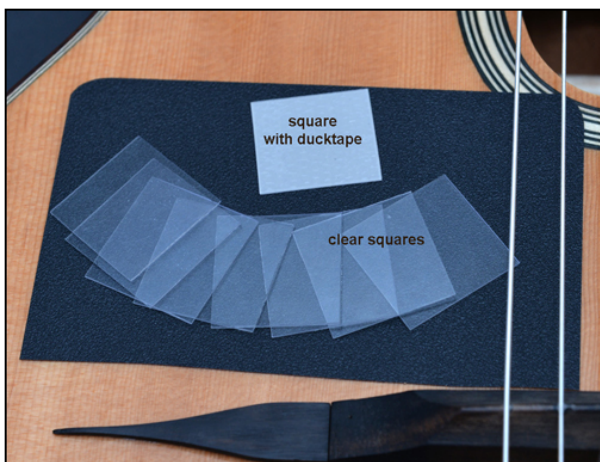
PURE MACCAFERRI EXTERNAL

Thank you for your purchase! The Pure Maccaferri External is an externally mounted pickup system for Selmer/Maccaferri gypsy guitars with oval sound holes. It has two pickups: one soundboard transducer and one compression pickup. We think this is the best sounding system we ever invented for the petite bouche gypsy guitar!

The compression pickup is wedged under the arch of the bridge. No adhesive is used here. The soundboard transducer is taped using double-sided tape. We carefully designed the two pickups to work together in perfect balance and phase, and we experimented with the optimal pickup position very extensively.

INSTALLING THE COMPRESSION PICKUP

1. The compression transducer has a top layer of cork. The installer needs to sand the cork to the thickness required to fit the arch on your guitar bridge. To establish the optimum height of the cork, we supply 8 clear plastic squares and 1 plastic square with duck tape on it. The clear squares are 0.5mm thick and the tape square is 0.75mm.



2. Stack as many clear squares as necessary to match the gap in the center area of the bridge arch. You may need to add a business card (usually about 0.25mm thick) to be as precise as possible, as we did in this photo:



3. Pull out the entire stack, add the square with duck tape and compare it to the height of the compression pickup. You can see that our pickup is a little higher than the stack and some cork needs to be removed.



4. Remove the appropriate amount of cork by carefully pulling the cork over 120-grit sandpaper on a flat surface (or alternatively use a sandpaper fingernail file).
5. Please be careful not to remove too much cork! A few strokes over the sandpaper will remove quite a lot of cork rather quickly. You want to sand off just enough cork so it matches your stack. Make sure you remove the cork as evenly as possible; we recommend doing just a couple of strokes, then checking that the surface is staying flat and not becoming rounded or slanted.



6. If the gap in your bridge is larger than the cork and you need to add height to the pickup, cut a fitting piece of a clear square or a business card and put it on top of the cork.

7. Loosen the strings enough to lift the bridge a bit and get the compression pickup underneath its center with the cork facing up and the shiny side down.



INSTALLING THE SOUNDBOARD TRANSDUCER

Before you install the soundboard transducer, make sure that the guitar is tuned up and properly intonated.

The soundboard pickup has double-sided tape already on it. Install it behind the bass-side foot with just a tiny gap between the bridge and pickup. The tip of the pickup should be flush with the end of the bridge. (See correct position in photo above.)

FINALIZING THE INSTALLATION

The cables can be routed partially under the tailpiece.



The jack mounting clip has strong double-sided tape already on it. This tape can be somewhat labor-intensive to remove, so you can tape some duck tape (or similar) on the guitar first and then stick the mounting clip to the duck tape.

If the system needs to be removed, the soundboard pickup should be loosened with a dulled razor blade that also has the front edges rounded. We purposely provide double-sided tape with low-medium adhesion to allow removal of the pickup without damage to guitar or the pickup. It still sticks very well and removal needs to be done carefully and properly with the dulled razorblade pressed flush, flat and controlled under the pickup.

REMOVING PICKUPS

If you need to remove this pickup after installation, please **do not use any kind of chemical or solvent on the pickup!** This includes products like acetone, Goo-Gone, super glue remover, rubbing alcohol, WD-40, or similar.

Using any kind of solvent will de-laminate and destroy the pickup.

We recommend the following procedure for removing the pickup(s):

- Slide a razor blade or slim knife under the pickup and carefully lift it off.
- Rub off any remaining adhesive on the pickup with your thumb, or with fine sandpaper.

Pure 12-String / Mandolin Twin / Banjo Twin / Pure Bass / Pure Archtop / Pure Maccaferri / Pure Resonator / Pure Floating Bridge