

DiMarzio® Ultra Jazz 5™ Installation Instructions

Important Note: The cover dimensions of the Ultra Jazz 5™ are not the same as 5-string Fender Jazz Bass®. The Ultra Jazz 5™ can therefore NOT be installed as direct replacements on these basses without modification.

Dimensions and String Spacing

The neck (DP547) and bridge models (DP548) are the same length, 3.725" (94.6mm). String spacing is 2.72" (69mm) for the DP547 and 2.836" (72mm.) for the DP548.

General Instructions

If you have purchased our pickup to replace one that is currently in your guitar, do the following:

- Remove your old pickup carefully. Installing your new pickup will be much easier if you unsolder your original pickup cleanly, rather than cut its wires. Make a note of exactly where the old pickup was connected as, in most cases, the new one will go to the same place.
- Use a soldering iron with a fine tip (25 to 45 watts) and thin rosin core solder for all connections.
- If you intend to use a miniature switch with the pickup, try to be as clean as possible with the solder connections to avoid short circuits or damage to the switch. DiMarzio offers two Push/Pull Potentiometers, the EP1200PP (250K) and the EP1201PP (500K) with double-pole, double-throw miniature switches built in. The switches perform exactly like separate miniature switches, and we recommend them in situations where you do not want to drill extra holes in the face or pickguard of your instrument.

IMPORTANT: Although other brands of pickups may have the same color wires as DiMarzio®, the connections are not necessarily the same. For our pickup to function properly, you *must* follow these instructions.

Standard Wiring

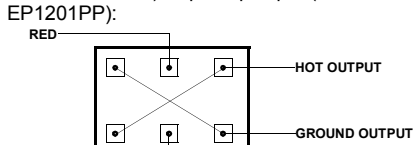
The Ultra Jazz 5™ is a humcancelling pickup with two coils, which are connected internally in series. The wiring consists of a red, a green and a gray wire.

Solder the **RED** wire to the hot connection in the guitar's circuit. In most cases where you are replacing a pickup, the **RED** wire will be soldered to the same place as the hot, or center wire of the original pickup. The **GREEN** and **GRAY** wires are soldered to ground. The ground connection is usually made to the back of a control.

If you install this pickup in a guitar with other pickup types and the pickups are out of phase when they are on together, solder the **RED** and **GRAY** wires to ground, the **GREEN** wire to hot.

Phase Switch

Phase switching can only function in an instrument with two or more pickups. The effect will only occur when both pickups are on, and will be most obvious when the pickups are at approximately the same volume. Only one of the pickups should be wired to the phase switch, and it makes no audible difference which pickup you choose. The switch is a double-pole, double-throw type: DPDT (DiMarzio catalog number EP1106) or push-pull pot (EP1200PP or EP1201PP):



The wire labeled **HOT OUTPUT** is connected to the same point as the original pickup. The wire labeled **GROUND OUTPUT** is soldered to a ground connection, such as the back of a control.

Component Values

The Ultra Jazz 5™ will perform well with 250K ohm or 500K ohm controls. The EP1202 1-Meg tone control can also be used. Higher-resistance controls offer a little more power and extended treble response. Using 250K controls will result in a little warmer sound and a slight drop in power. If your bass uses a blend pot for pickup selection, we recommend a value of 500K.

IMPORTANT: To avoid compromising the performance of the Ultra Jazz 5™, do not use 25K ohm controls.

Additional Notes

Wiring diagrams and technical information may be found on our website: <http://www.dimarzio.com>

All DiMarzio pickups have been potted in an exclusive wax formula to eliminate squeal and subdue extraneous noise. For further noise reduction, we recommend shielding the entire guitar internally with DiMarzio® Shielding Tape (EP1000). This will eliminate stray hum fields from the circuitry of your guitar.

If you have any problems or questions, please call our tech line, (718) 816-8112 between 12:00 PM and 5:00 PM Eastern Time or email tech@dimarzio.com.