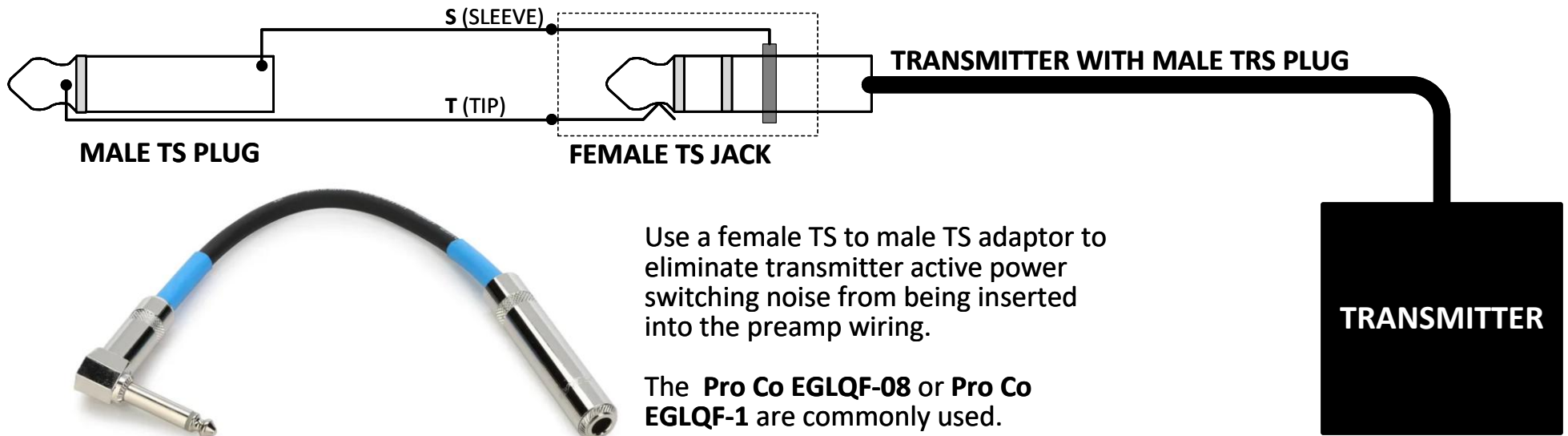
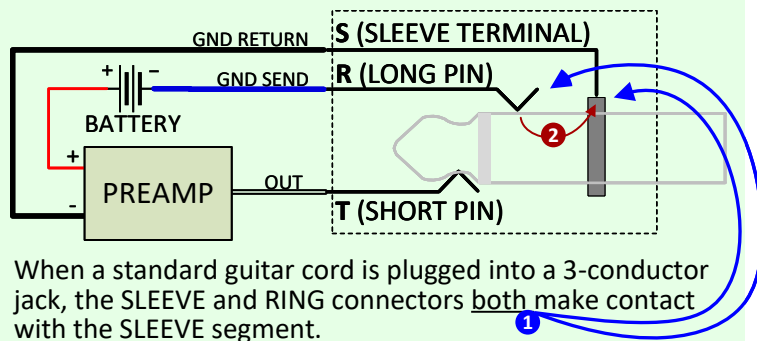


# TRS WIRELESS TRANSMITTER TO TS CORD CONNECTIONS



## USING TS PLUG WITH ACTIVE PREAMP

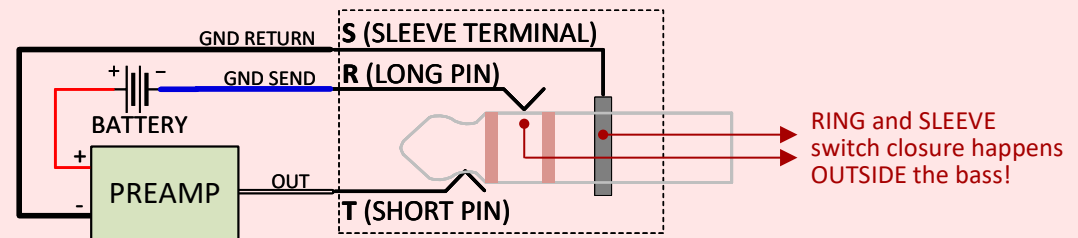


When a standard guitar cord is plugged into a 3-conductor jack, the SLEEVE and RING connectors **both** make contact with the SLEEVE segment. **1**

This allows the R and S connectors to act as a power switch for the preamp: when a guitar cord is plugged in, the negative ground from the Sleeve connector is passed through the Ring connector to power the preamp. **2**

This switch action occurs **INSIDE** the bass guitar within the shielded confines of the control cavity of the bass.

## USING TRS PLUG WITH ACTIVE PREAMP



If a TRS plug is put into the jack, the “switch” functionality no longer happens inside the bass. It happens inside the wireless transmitter.

The transmitter has active circuitry that senses if the RING and SLEEVE are plugged into an active preamp. If it is, it will **ELECTRONICALLY** close the switch. For preamps with a higher current usage (> 5mA) the transmitter switch works well.

**HOWEVER**, the LHZ has an extremely low current draw (<1mA), which can cause the transmitter switch to work incorrectly and insert transmitter circuitry noise into the preamp power wiring. Symptoms of this are high pitched ringing noise, static hiss, intermittent fadeout of the signal, or distortion.