

Electronic Control for Model 0711

This guitar incorporates a L. R. Baggs X-Bridge and Ctrl-X active preamp. The X-Bridge is a piezo-electric pickup that provides an electric acoustic sound. The Ctrl-X is a preamp for the piezo and mixing of the magnetic and piezo pickups. The preamp does not alter the sound of the magnetic pickups. The magnetic pickups are DiMarzio Virtual P90 and DLX-90 humbucking P90 like pickups at the neck and bridge positions, respectively.

Figure 1 shows a close up of the controls, which function as follows:

M Switch: This is the selector for magnetic pickup combinations. The switch is a Free-Way 6-way switch, illustrated in Figure 2. The position selections are:

1. Neck, humbucking
2. Neck + Bridge, humbucking
3. Bridge, humbucking
4. Neck, split single coil
5. Neck + Bridge, split single coil
6. Bridge, split single coil

M Vol: Volume pot for magnetic pickups; normal passive control. Full clockwise rotation, as shown, corresponds to maximum volume.

M Tone: Tone pot for magnetic pickups, normal passive control. Full clockwise rotation, as shown, corresponds to maximum treble.

A/M Switch: Acoustic/Magnetic mixing, with position selection as follows:

1. Magnetic only (forward position, as shown).
2. Magnetic and acoustic (piezo) mix.
3. Acoustic (piezo) only.

A/M Mix: When the A/M Switch is in the mid position (2), this controls the mix. Full clockwise corresponds to acoustic 100%, magnetic 0%; full counter clockwise corresponds to acoustic 0%, magnetic 100%.

Mono/Stereo: When The A/M Switch is in the mid position (2), this controls whether the magnetic and acoustic signals are mixed as a mono or stereo output. When the switch is pushed in, the signals are mixed in mono; a standard mono guitar cable is used for this configuration. When the switch is in the out position, the signals are stereo; a y-cable is used to split the signals to separate outputs for this configuration.

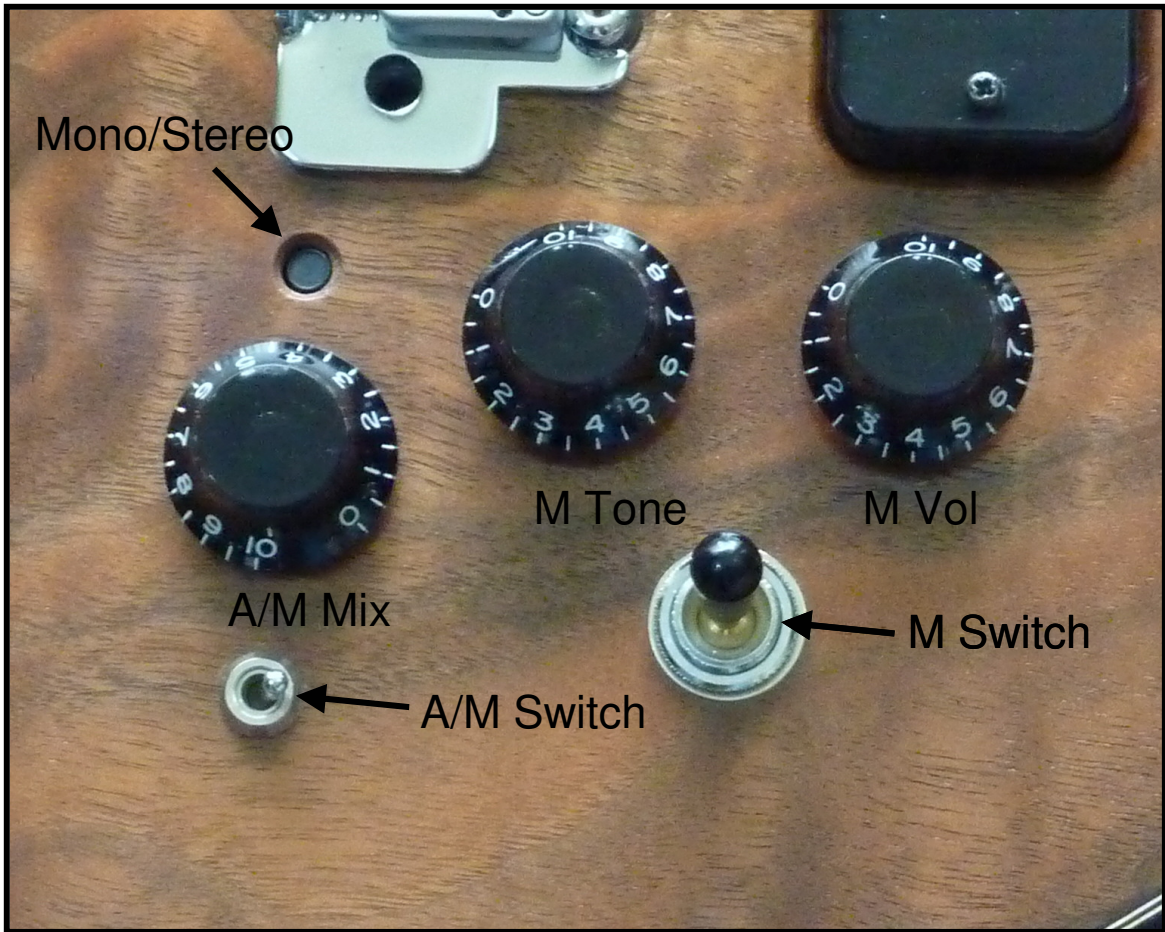


Figure 1.

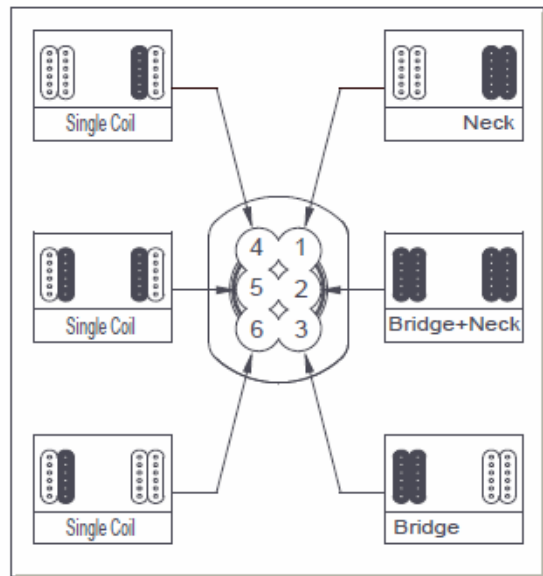


Figure 2

The active preamp requires a 9V battery, which is located in the control cavity, as shown in Figure 3. To replace the battery, remove the two screws and remove the cover. The battery is held in a nylon bag. Note that the battery draws current only when a guitar cable is plugged in. To insure long life, plug in only when playing.



Figure 3.