

## APPENDIX C

### Vintage Sound – VS-410

#### Basic Manual



### Front Panel Controls

**Channel 1** - This input channel provides only volume, treble, and bass controls.

**Channel 2** - This input channel adds the middle, reverb, and vibrato (speed & intensity) controls.

**Bright** – In the **Up** position the control adds a chimey bright quality to the sound.

**Volume** – Acts as an overall volume control for the preamplification and power tube circuitry.

**Tone** – **Treble**, **Middle**, and **Bass** controls. The middle all the way up and the bass and treble all the way down will give you the actual sound of the pickup. Use these controls to shape your sound.

**Reverb** – Provides input to the spring reverb unit. Use in conjunction with the footswitch.

**Vibrato** – The Speed and Intensity control the characteristics of the Vibrato circuit. Use in conjunction with the footswitch.

### Rear Panel Controls

**On** – Power switch for amplifier.

**Standby** - This switch should be in the **Down** position when the amplifier is first turned on and for periods when the amplifier is powered on but not in use. When using the amplifier put the Standby switch in the **Up** position.

**Ext. Spkr.** - Can be used to add an additional speaker cabinet to amplifier in addition to the cabinet speakers on the amplifier. Since each additional speaker/s will have it's own unique load there may be impedance mismatches that can damage the output transformer. **AVOID USING THIS JACK**

**Spkr.** - Connect VS-410 cabinet speakers to this jack or the Hotplate (see below for instructions for the Hotplate).