



## Cello Instructions

### STAND

Open the legs wide for stability, and secure in place with thumb screw clamp. Mount the instrument to the stand using the large (5/16") thumb screw at the top of the stand. Using the adjustment knobs, it is possible to adjust the height, angle, and tilt of the instrument.

### CONTROLS

**Knob 1 Volume** – rotary control

**Knob 2 Tone** – rotary control, clockwise for full treble, counter-clockwise to cut treble.

**Switch Arco/Pizzicato Mode** selection, toggle up for Arco, toggle down for Pizzicato

The design of the Polar™ Pickup System enables you to choose between two distinct attack and decay characteristics:

**Arco Mode** is for massive attack and relatively fast decay, optimal for bowed and percussive plucked sound.

**Pizzicato Mode** is for a smooth attack and long decay, optimal for plucked, sustained sound. This mode is not recommended for bowing.

Note that the **Polar™ pickup** allows the player to control attack and decay parameters. Pizzicato Mode is for a smoother attack and longer decay when plucked. Note that the full bow response can only be achieved in the Arco Mode.

### PASSIVE ELECTRONICS

This is a passive system, so it does not require batteries, and therefore has unlimited headroom for dynamic, distortion-free response. The large piezo crystal sensors are powerful, and provide plenty of level for most amps. However, the output impedance is high, and may not match well with amps that are designed for magnetic coil (electric guitar) pickups. Amps with 1 meg ohm or greater input impedance are recommended. The symptom of poor impedance matching is reduced bass response. In this case a direct box, or external preamp, may be required for optimal performance.

### TRUSS ROD / FINGERBOARD RELIEF

To play well, the surface of the fingerboard should not be perfectly straight, but rather it should have a slight downward curve (dip) from end to end. The truss rod which is built into the neck allows adjustment to the degree of curvature. Use 6 mm inch hex wrench. Access is just below the nut. Clockwise rotation decreases relief. Counterclockwise rotation increases relief.

### STRING HEIGHT

Adjust bridge height with Philips head screws under the bridge, accessible through the back plate.

### STRING REPLACEMENT

The WAV Cello is designed to fit standard cello strings. Thread strings through the bottom end of the body, over the bridge and wrap around the tuner in the conventional manner. The bridge is held in place by the strings, so it is best to change one string at a time. Check the tilt of the bridge, which should be roughly parallel to bridge slot, and the alignment of the strings, which should be centered on the neck.

Replacement NS Electric Strings by D'Addario should be available from your dealer or online.