

NXT

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 with bypass switch – called the **JackPot™**, the volume control has a switch at the full on (clockwise)
Knob 2 - Tone (clockwise for full treble, counter-clockwise to cut treble).
Switch - Up for Arco Mode (for optimal bowed and percussive plucked sound).
- **Down for Pizzicato Mode** (for optimal plucked, sustained sound).

The **Polar™ pickup** allows the player to control attack and decay parameters. Pizzicato Mode is for a smooth attack and long decay, Arco (percussive) Mode is for massive attack and relatively fast decay. 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 amplifiers. However, the output impedance is high, and may not match well with amps that are designed for magnetic coil (electric guitar) pickups. The symptom of poor impedance matching is reduced bass response. As a result, on some amps the bass control will need to be turned up for best results. Amps with 1 MEG OHM or greater input impedance are recommended.

TRUSS ROD

Use 5 mm inch hex wrench. Access is just below the nut. Clockwise rotation tightens the truss rod to decrease relief. To play well, the surface of the fingerboard should not be perfectly straight, but rather it should have a slight forward curve from end to end.

STRING HEIGHT

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

STRING REPLACEMENT

The NXT 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.

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