



# EU Series Double Bass

Patent # 5,537,906

## OVERVIEW

Our most sought after model, the EU Series double bass is made in the Czech Republic to the exact specifications of the original US Series instrument. The revolutionary design is molded with concentric laminations of graphite and rock maple that run the entire length of the instrument for maximum sonic integrity. The back of the neck is curved inward to follow the arch of the graphite fingerboard, resulting in a slim, easy to play neck with full access to the upper register

The Polar™ pickup system, with its ability to respond to lateral and vertical vibration separately or both at once, is uniquely suited to an instrument that is both bowed and plucked. A fabulous bowed response and drum like pizzicato attack are characteristic of the lateral mode, while the sustained pizz. response of the vertical mode creates a new dimension for the upright bass. Magnetic pickups by EMG add a smooth “electric” option to the sound pallet. With active EQ and full control of pickup selection, the sonic options are virtually unlimited.

Available in 5- and 6-string models, the EU Series Double Bass, designed by Ned Steinberger, is in a class of its own, offering the bassist unparalleled performance and tonal quality.

## FEATURES

**MAPLE/GRAPHITE LAMINATE:** The body and neck employ a unique laminating process combining 27 alternate thin layers of maple (for the feel and warmth of wood), and graphite fibers (for brilliance, consistent sustain, and stability) adhered in an epoxy matrix. The result is remarkable strength & tonal brilliance.

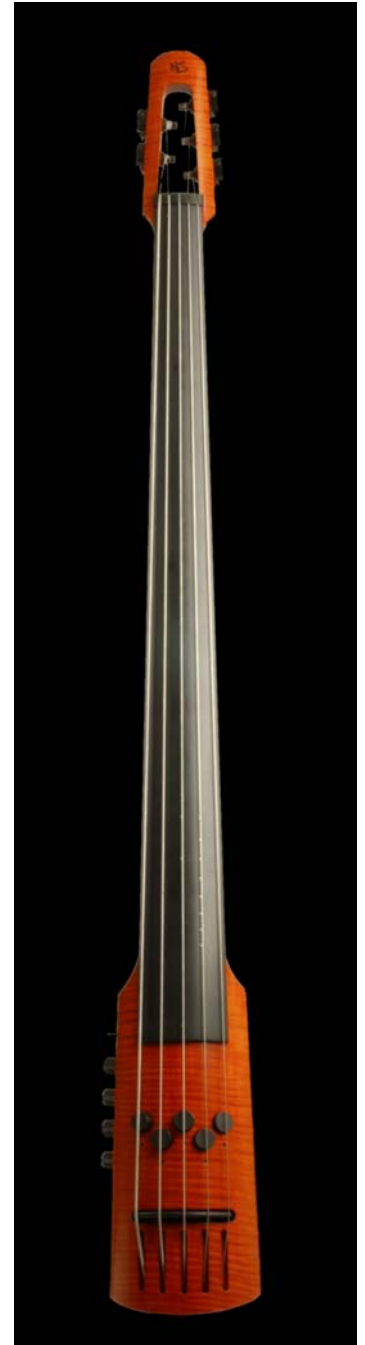
**CONCENTRIC NECK, BODY, AND PEGHEAD:** The back of the neck is curved inward to follow the arch of the fingerboard, creating a broad recess for the thumb that gives the neck a slim feel for its entire length and ensures structural integrity from neck to body.

**PICKUPS:** The EU Series Double Bass features the unique Polar™ bridge-mounted piezo pickup system, which can sense either lateral or vertical string vibration - or both! Set in the lateral mode, the pickup has unparalleled sensitivity in the direction of the bow. In the vertical mode, plucked notes are remarkably even and sustained. The low-impedance EMG™ magnetic pickups incorporate individually adjustable coils and neodymium magnets.

**ACTIVE EQ AND MIXER:** Controls include volume, blend controls for the magnetic and piezo pickups, and individual bass EQ & treble EQ controls.

**STANDS:** Three interchangeable support systems are available. A foldable Tripod Stand is standard, providing stable support, with height and tilt adjustments. An optional End Pin Stand offers the bassist a more conventional upright acoustic feel. Full mobility is possible with the Shoulder Strap System, which holds the instrument in position to facilitate both arco and pizzicato technique.

**PORTABILITY:** The padded tubular gig bag is only 137 cm (54") long and 18 cm (7") in diameter, and weighs 8.2 kg (18 lbs) *with* the instrument and stand. A storage area inside the gig bag has room for accessories. An optional flight case measures 145 x 25 x 25 cm (57" x 10" x 10").



# SPECIFICATIONS

# US Series Double Bass

US Patent No. 5,537,906

## DIMENSIONS

<b>LENGTH</b>	132 cm (52")	<b>WIDTH</b>	15 cm (6")
<b>THICKNESS</b>	10 cm (4")	<b>WEIGHT (instrument only)</b>	4.8 kg (10.5 lb)
<b>SCALE LENGTH</b>	106 cm (41.73")	<b>WEIGHT (w/ stand &amp; gig bag)</b>	8.2 kg (18 lb)

**CONSTRUCTION** Twenty-seven alternating thin layers of rock maple and graphite fiber laminated in an epoxy matrix. The entire back of the instrument is curved to follow the curve of the front surface, forming a single continuous structure. The concave shape of the back of the neck creates a broad pocket for the thumb, and keeps neck thickness under 25 cm (1").

**FINISH** Amber stain with clear semi-gloss hand-polished polymer.

**TUNING MACHINES** Schaller 20:1 ratio, fully-encased worm gear tuners, black finish.

**NUT** Black phenolic; US-5: 4.22 cm (1.66") wide; radius 6.1 cm (2.4"); string spacing 4.3 cm (1.68").

**TRUSS ROD** Dual action, removable.

**FINGERBOARD** Fretless graphite; 5 cm (2 ") wide at nut; 9.3 cm (3.7 ") max width. Fingering/intonation referenced with "cascading" dot markers.

**BRIDGE** Black phenolic; radius 7.9 cm (3.1"); string spacing 9.3 cm (3.66"); adjustable height.

**STRINGS** Compatible with most standard upright bass strings. D'Addario stainless steel flatwound strings standard.

## PICKUPS

**BRIDGE:** The Polar™ directional piezo pickup system responds selectively to either lateral string vibration (for arco) or vertical string vibration (for pizzicato), or both.

**MAGNETIC:** Low-impedance EMG magnetic pickups, with individually adjustable coils, and neodymium magnets. Produces smooth tonal qualities not unlike those of an electric bass guitar.

**ELECTRONICS, MIXER & CONTROLS** Active 18-volt circuit.

- Volume
- Magnetic-Piezo Blend
  - Counterclockwise – magnetic pickups
  - Center – both
  - Clockwise – Polar pickup
- Polar Pickup Blend
  - Counterclockwise – vertical string vibration (pizzicato)
  - Center – both
  - Clockwise – lateral string vibration (arco)
- Treble EQ
- Bass EQ

## STANDS

**TRIPOD STAND** (standard): Chrome-plated steel, fully adjustable, self-standing tripod design. Folds for easy storage and fits in gig bag.

**END PIN STAND** (optional): The end pin stand provides a more conventional position and feel for acoustic players.

**SHOULDER STRAP SYSTEM** (optional): Provides the bassist full walking mobility, comfortable for both arco and pizzicato technique.

## CASES

**GIG BAG:** (standard) Padded tube, 137 cm (54") long; 18 cm (7") in diameter; 8.2 kg (18 lb) loaded weight, including stand. Handle and shoulder strap.

**FLIGHT CASE** (optional): Aluminum edged plywood, 145 cm (57") long; 25 cm (10") wide; 25 cm (10") high; 22 kg (48 lb) loaded weight, including stand.

**LIST PRICE:** 5 or 6-string \$5200 (includes tripod stand & gig bag)

Available through NS Design dealers. For additional info: [Sales@NedSteinberger.com](mailto:Sales@NedSteinberger.com) or call Toll Free: 866 NSDESIGN.