



# CR Series Upright Bass

## INSTRUCTIONS

### STAND

Remove the stand from the gig bag. Open and secure the legs so that the two front legs give the widest possible stance (as shown). The shorter back leg should be at a slight angle, so that the main post tilts back slightly.

Remove the instrument from the padded inner bag. Screw the large thumbscrew at the top of the stand into the threaded insert on the back of the bass. Adjust as desired, making sure that the weight of the instrument is centered and stable on the stand.

Note that the stand is designed to be highly adjustable, and therefore the instrument can be set in various positions, including horizontal.

**Caution:** It is possible to set up the stand in an unstable position. Test the stability by tipping the instrument so that each leg lifts slightly, and be sure that it returns securely.

### CONTROLS - Magnetic Models CR4M and CR5M

**Knob 1** - Volume

**Knob 2** - Balance; counterclockwise - magnetic pickup, clockwise - Polar bridge pickup, center - both

**Knob 3** - Balance; counterclockwise - optimal pizzicato (plucked, sustained) sound, clockwise - optimal arco (bowed and percussive plucked) sound, center - both

**Knob 4** - Treble; boost and cut.

**Knob 5** - Bass; boost and cut.

### CONTROLS - Nonmagnetic Models CR4 and CR5

**Knob 1** - Volume

**Knob 2** - Blend; counterclockwise - optimal pizzicato (plucked, sustained) sound - optimal arco (bowed and percussive plucked) sound, center - both

**Knob 3** - Treble; boost and cut.

**Knob 4** - Bass; boost and cut.

### PICKUP ADJUSTMENTS

Magnetic pickups (on the CR4M and CR5M) adjust by loosening set screws in the anchor adjacent to the round coil caps (use 1.5mm hex wrench). Hold at desired height and re-tighten set screw.

Output level for each mode of the Polar (piezo) bridge pickup can be adjusted with small trim pots that are found on the circuit board in the body cavity, accessible through three small holes in the back plate. Use a small Phillips screwdriver.

### STRING HEIGHT / ACTION

Adjust bridge height set screws, accessible from the back, with 3mm hex wrench.



## TRUSS ROD / NECK RELIEF ADJUSTMENT

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 hex wrench. Access is just below the nut. Clockwise rotation tightens the truss rod to decrease relief.

## BATTERIES

Always unplug the bass when not in use to save the batteries. Change both 9 volt batteries at the first sign of distortion. These are located inside the lower back plate, and can be accessed by loosening the two small thumb screws that secure the back plate.

## STRING REPLACEMENT

The bridge is held in place by the strings, so it is best to change one string at a time. For “electric double bass standard” strings, such as the NS610 strings which come with the CR upright bass, begin by threading the string through the hole in the bottom of the body, then over the bridge, and wrap around the tuner in the conventional manner. For conventional double bass strings, secure the ball end in the slot in the back plate. Thread the string through the hole in the bottom of the body, then over the bridge, and wrap around the tuner in the conventional manner.

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.

## INSTRUMENT OVERVIEW

The CR Series Upright Bass, with its exceptional versatility and tone quality, has become an indispensable tool for the serious bassist. The lean, solid-body CR, available in 4 and 5 string models, takes its place in a long history of fine instruments crafted in the Czech Republic.

Our Polar™ bridge pickup system combines great sound with directional sensitivity, for a rich and expressive response to pizzicato and arco technique. Optional EMG™ magnetic pickups expand the range to include classic electric bass sounds. The full scale fingerboard is graduated for consistent response from note to note, with adjustable relief and bridge height to suit all playing styles. Three interchangeable support systems are available for the bass: the self-supporting tripod stand, more conventional end pin stand, and shoulder strap system for full mobility.

According to Bass Player magazine, the Czech made CR Series “boasts impeccable craftsmanship from a country with a reputation for quality upright bass building, its clean aesthetics, excellent playability, and great sound put it ahead of the pack.”

## FEATURES

**BODY AND NECK** - The CR Series Upright Bass is crafted of European maple, with a flame maple face. This solid-body design develops a rich multi-dimensional tone free from feedback and other constraints inherent in an acoustic instrument. The traditional bass scale length and neck shape have a familiar feel, while the small body allows full access to the upper register. Solid construction provides structural stability to resist changes in temperature and humidity.

**FINGERBOARD** - The fingerboard is hand graduated and features asymmetric relief to insure that each note responds evenly. An adjustable truss rod allows for precise camber adjustment for different strings and playing style. Cascading dot markers provide an attractive and precise reference for fingering/intonation.

**POLAR™ PICKUP SYSTEM** - The CR Series Upright Bass features the Polar bridge-mounted piezo pickup system. This system can sense either vertical or lateral string vibration. Set in the vertical mode,



plucked notes are remarkably even and sustained. In the lateral mode, the pickup has unparalleled sensitivity in the direction of the bow, with more attack when plucked.

**EMG MAGNETIC PICKUPS (CR4M and CR5M)** - The low-impedance EMG pickups incorporate individually-adjustable coils and neodymium magnets. Each coil is buffered separately for a full sound quality with very low noise, producing a smooth pizzicato tone not unlike an electric bass guitar. (Magnetic pickups are not recommended for bowing.)

**ACTIVE EQ AND MIXER** - Active EMG 18-volt pre-amp, mono output. The dual mode preamp allows the player to choose between two very distinct tone qualities. The first mode delivers the full frequency response of modern low impedance electronics, for a rich, full-blown "electric" sound. The second is balanced to produce the frequency response of the traditional upright bass, for a more "acoustic" sound. The 18 volt power supply ensures plenty of reserve overhead for full dynamics.

**CONSTRUCTION** - Straight grain solid rock maple body, neck and peghead, with a flame maple face on body and peghead. Traditional amber stain with polymer topcoat. The neck has a traditional profile.

**ADJUSTABLE BRIDGE** - Hard maple, radius 7.9 cm (3.1"); string spacing 9.3 cm (3.66"). This allows the instrument to be set up to meet the requirements of many different playing styles.

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

**TRUSS ROD** - Powerful truss rod allows proper relief adjustment to provide optimal action.

**STRINGS** - Compatible with most conventional upright bass strings. NS 610 Electric upright bass strings by D'Addario standard.

#### **DIMENSIONS**

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

#### **SUPPORT AND TRANSPORT OPTIONS**

**Tripod Stand** - Steel and aluminum fully adjustable, self-standing tripod design. Supplied as standard equipment, the Tripod Stand provides stable support, with full height and tilt adjustment. Folds for easy storage and fits in gig bag.

**End Pin Stand** - An optional Bass End Pin Stand offers the player a more traditional position, similar to that of an acoustic instrument. The End Pin Stand Conversion Kit attaches to the tripod stand to hold the instrument upright for on-stand performance or when not in use.

**FRAME Strap System** - A light frame structure is supported by a single guitar style strap extending over the left shoulder. This holds the bass in the correct position for both pizzicato and arco styles. With the strap system you can achieve full mobility with amazing comfort. Black-dyed ash frame.

**Padded Gig Bag** - Standard, the padded gig bag is only 137 cm (54") long, 18 cm (7") in diameter. 8.2 kg (18 lb) loaded weight, including tripod stand, handle and shoulder strap. Outer storage pockets provide room for accessories.

**Flight Case** - An optional hardshell flight case, measures 145 cm (57") long, 25 cm (10") wide., 25 cm (10") high; 22 kg (48 lb) loaded weight, including stand.

**Features and specifications subject to change without notice.**