

## Eo Classical - Specification and Features

Folded dimensions	420mm long x 100mm high x 130mm wide. Weight 1.5 kg.
Unfolded, overall	820 mm x 360 mm with contour wings in place.
String scale length:	650 mm (standard classical)
Fretboard width at nut:	52 mm (standard classical)
Detachable wings	Aluminium with polyester weave outer cover.
Body // Neck:	Sapele // cedar & ebony, standard classical fretting.
Strings:	Medium tension classical or equivalent.
Transducer:	Piezo integral under saddle.
Electronics:	2 stage - FET transducer preamp, h/ph driver amp – mono.
Battery:	9Volt, PP3 (MN1604) Alkaline. Change when sound gets distorted.
Line / h/ph output:	Adjustable, 6.35 mm socket with adaptor to 3.5mm.
Output impedance:	100 ohms, approx.

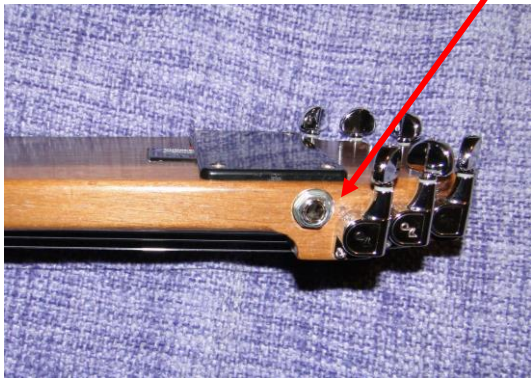
The 6.35 mm (quarter inch) mono adaptor to 3.5 mm headphones (or similar type):



- ! Remember to unplug at the jack socket to avoid draining the battery!
- ! Avoid high sound levels at the headphones to preserve your hearing!
- ! Take care to connect the battery correctly, remove the jack plug whilst connecting new battery !
- ! To avoid possible injury during neck movement or if a string breaks: check the string keeper is securely fixed before folding the instrument, and
- ! Fold /unfold with the strings facing down - facing away from you or anyone else.!
- ! Only change lever clamp setting if needed e.g. after maintenance/ servicing.
- ! Don't overstress the tie-wire hook; should close the joint -no gaps with minimum extra tension!
- ! Interference from mobiles / laptops etc too close can cause a loud noise in h/ph and speakers!

## Using the Instrument - Basics :

Headphone / Line output socket.



Output level control

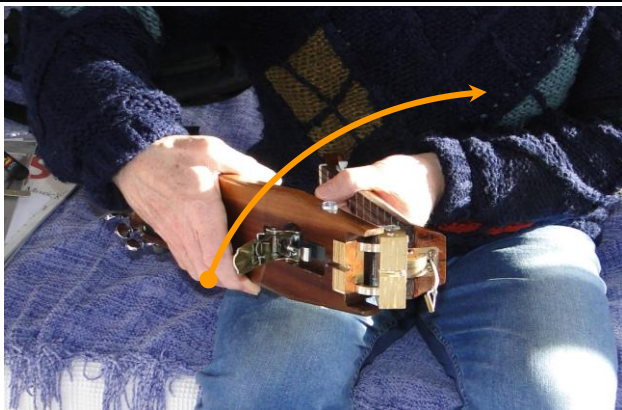
Battery case



NB \* insertion of mono plug switches on the headphone amp.

## Unfolding, ready to play :

Simply rotate the neck and body around the hybrid hinge: Best to do this with the strings facing down – strings can snap during changes of position particularly old and worn strings.



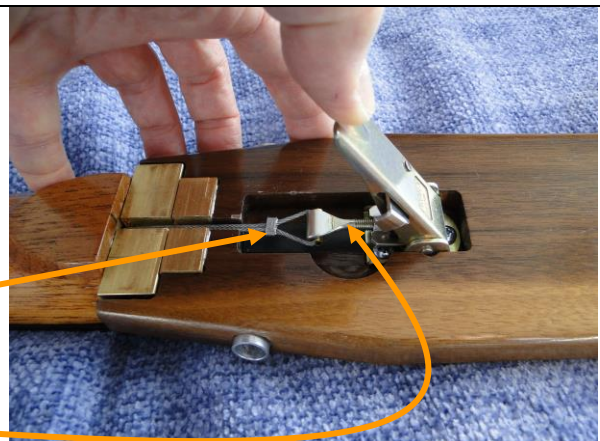
### Clamping the neck in position:

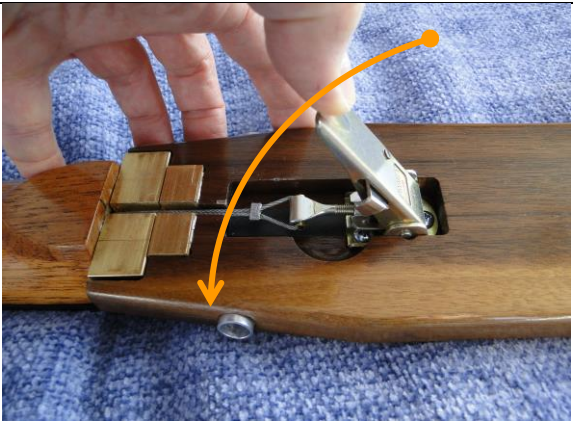

Place the guitar on your lap, strings down.

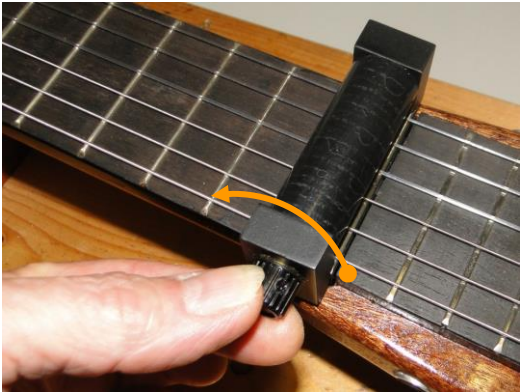
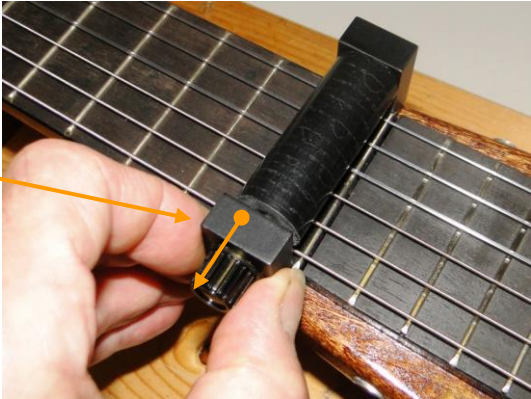
Careful to use your non pluck hand – to avoid damaging your nails!

Engage the tether cable loop and

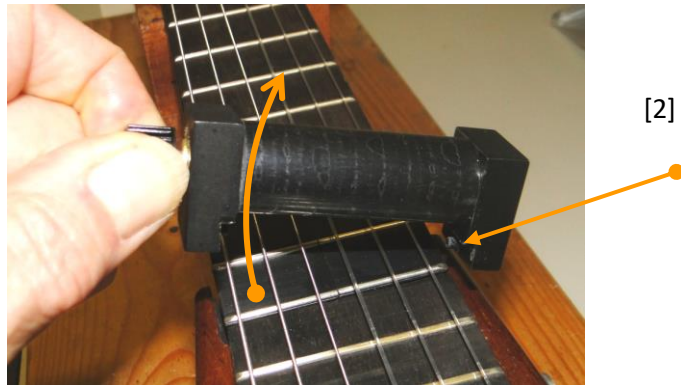
clamp hook.



<p>Rotate the lever clamp towards the body to close it down the side button “clicks” and latches when the lever is in its final place.</p>	
<p>The clamp in its closed and latched position.</p> <p><b>The safety latch side release button has clicked into place.</b></p>	

<p>To remove the string clamp –</p> <ol style="list-style-type: none"> <li>1. Rotate the knob to loosen the side block from the fixed block in the neck.</li> <li>2. Pull the side clamp off the block to disengage the side pin [1] from the metal hinge block.</li> </ol> <p>Continued.....</p>	 
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3. Disengage the other side pin [2] - lift the clamp clear of the strings.

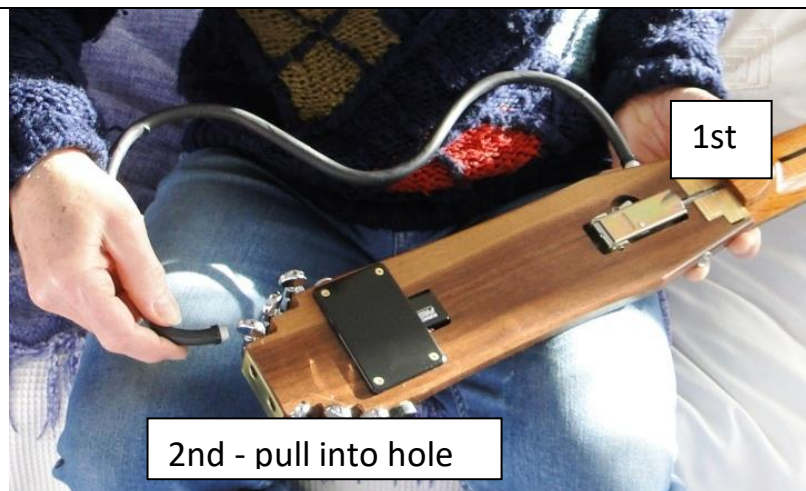


Attach both contour wings described next .



To attach the top and bottom wings.

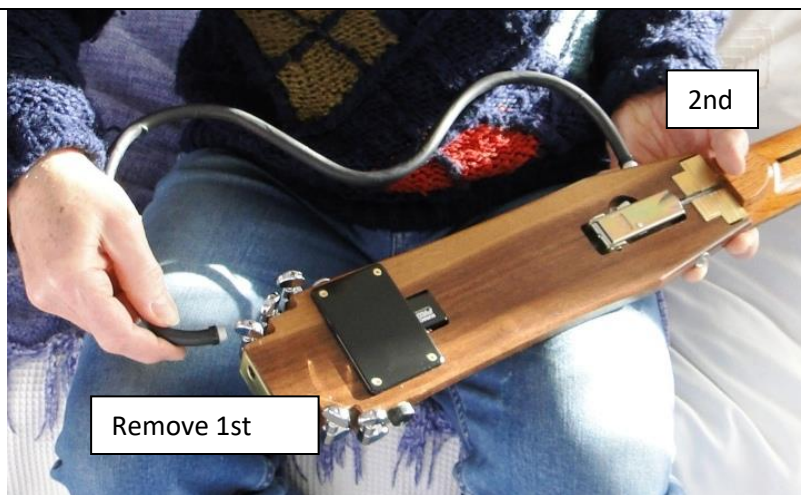
- 1st place the free end into side hole next to the XIV th fret.
- swing the wing round and
- 2nd stretch the wing to engage the button end in the hole in the body at the machine head end.



**That's it – quick tune and ready to play!**

**Overleaf - folding the guitar for travel – basically the reverse process.**

Remove the top and bottom wings. – Pull the bottom part of the wing out of the engagement hole at the machine head end, swing the wing out of the way and then slide the connector out of the side hole next to the XIV th fret.

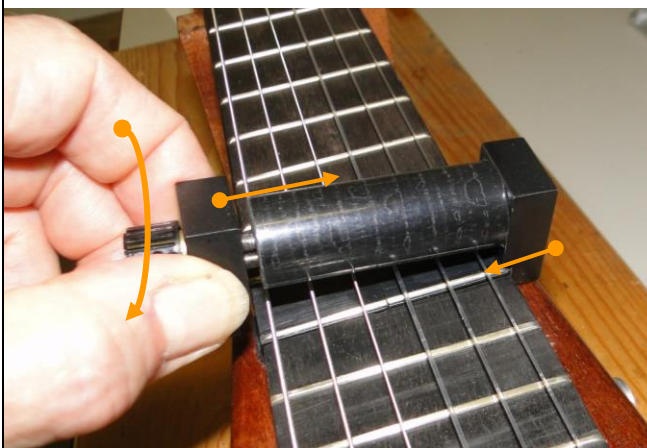


Detach both wings in this way



Basically reverse the process described earlier

4. Engage one side pin into the hole in the 12th - 13th fret block at the side.
5. Rotate the keeper and align the second side pin with the hole - push in the side block
6. Tighten the knob and screw to tighten the side block to the 12th - 13th fret block .

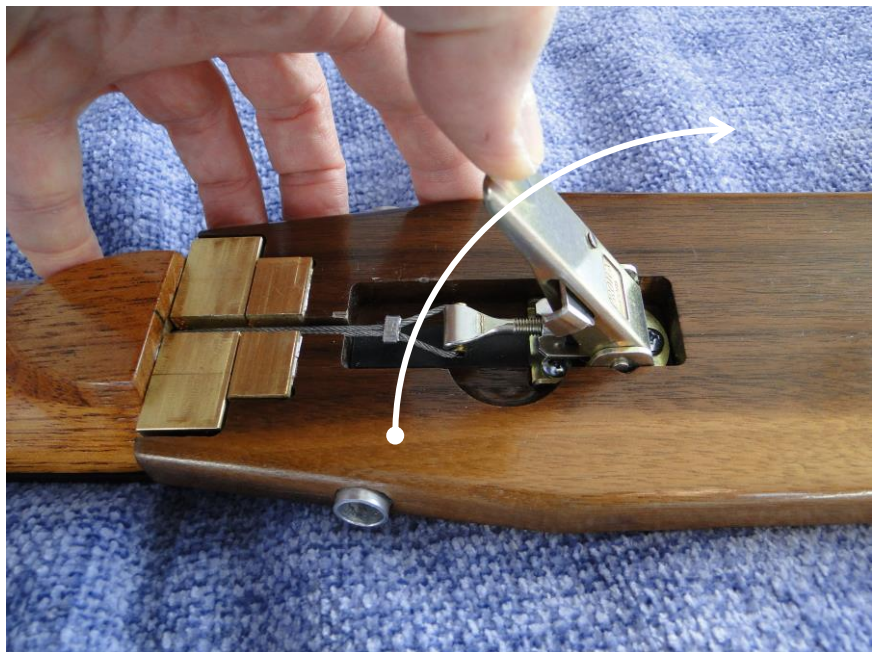


Place the guitar on your lap, strings down.

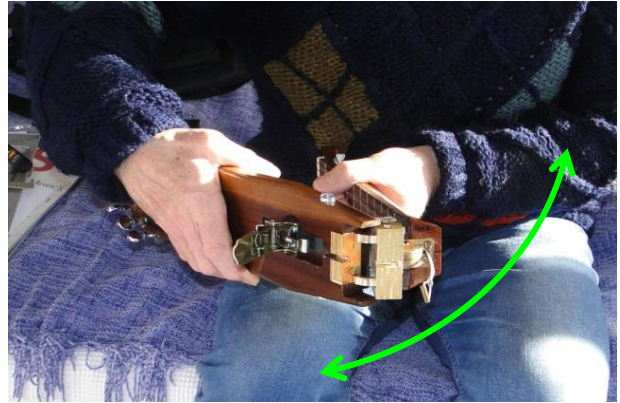
**Careful to use your non pluck hand – to avoid damaging your nails!**

Press the latch on the clamp lever,

pull the clamp up and rotate it back toward the machine head end of the guitar, disengaging the hook from the tensioning cable.



- Now the guitar can be folded. Just grasp the neck in the right hand and body in the left and rotate the neck around the XII th fret so that the nut meets the saddle.....



**That's it!**

- Now stow in the bag with the wings in the separate compartment. NB Bag types may vary.

### Changing the battery:

#### Models with push in flat head pins -



Gently prise out the pins using a flat, blunt(!) blade



Remove the plastic pins and pull away cover.

- When changing the battery, unplug the jack plug and **make sure it's connected correctly**.

### Fitting new strings:

The set up is with normal tension strings. Low tension also ok.

Feed string into the tuning machine mandrel with 1cm through at least. Keeping some tension on the string - to hold it in the machine mandrel - wind the tuning peg to trap the string with at least two turns. Feed the string at the nut end into the hole and twist the string around itself two or three times so that it is trapped on the back face. Continue to wind the string up to playing tension, keeping tension on the tuning machine end to hold it in place.

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