



New 2 octave 4-string Bass in
American Walnut



PADUAK



WENGE

Front cover shows 5-string in Hydua. Other timbers are often available, e.g. Birdseye and Figured Maple. Guitars are also available in solid or translucent colours.

STANDARD BASSES

Any WAL Bass, within the format of the aforementioned standard options (including left-handed models) is, available either direct from Electric Wood Limited, or from one of our appointed dealer showrooms, at a standard price (gold plating extra to order).

SPECIAL CUSTOMIZATION

Electric Wood endeavour to keep a wide variety of suitable exotic hardwoods and can advise you on the choice of timber for your particular style and aesthetic taste. Some customization is available in consultation with Electric Wood. Each Wal Bass in this category will be quoted for on an individual basis direct from Electric Wood. Contact us to discuss your requirements.



Moulded, lightweight, fibreglass case with plush lining. Flightcases are also available.

WAL Basses are made in England exclusively by:
ELECTRIC WOOD LTD. SANDOWN WORKS,
CHAIRBOROUGH ROAD, HIGH WYCOMBE,
BUCKS HP12 3HH. TEL: (0494) 442925.

The *Wal*[®] Basses



from Electric Wood

WOOD FEATURES

Six-piece laminated neck made from Rock Maple, Hornbeam and Amazonian hardwood. Scale length 34"/86.4cm.

Fingerboards are carefully selected and hand-finished. Standard option: Indian Rosewood, fretted with 21 nickel steel frets or, Indian Ebony, with or without inlaid wood semitone markers. Mother of Pearl dot inlays on face and top edge, except for plain fretless boards.

Shaped and contoured body for maximum comfort and playability. Standard construction options: Brazilian Mahogany core, 'bookmatch' laminated on both faces with either Paduak, Wenge, American Walnut or Hydua (pronounced Schedua).

HARDWARE FEATURES

WAL heavy cast bridge/tailpiece to allow individual and independent adjustment of intonation and string height, as well as simple hook-in string anchorage. Finished in satin black with stainless steel base-plate and adjustment screws with plated brass saddles. Adjustments by standard size socket screwdriver provided.

Schaller, low gear, heavy duty machines.

4-string: Neck width at top nut 42mm.

String spacing at top nut: 13mm. At bridge: 19mm.

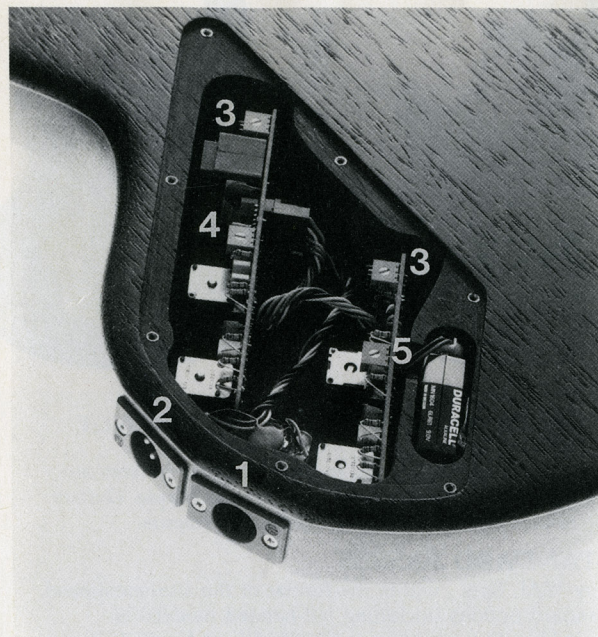
5-string: Neck width at top nut 47mm.

String spacing at top nut: 10mm. At Bridge: 18mm.

Aluminium control knobs. Machined and knurled for perfect rotary and push/pull action. Satin black anodized with clearly engraved graduations.

Plated brass strap buttons, string guides, neck anchor plate and assembly screws.

All plated parts are normally in heavy polished chrome, but 22ct. fine gold is available to order at a slight extra cost.



- 1) **Jack output:** switches battery on as jack is inserted.
- 2) **600 ohms Balanced Line output.**
- 3) **Trim pot:** cuts low bass frequency when in anti-clockwise position. Mainly relevant to 5-string bass with low 'B' string.
- 4) **Trim pot:** level adjustment for pick attack, increased by clockwise motion, set halfway for normal level.
- 5) **Master volume control:** normally set at maximum (clockwise position). Should less output be required turn anti-clockwise as appropriate, e.g. when using some makes of radio transmitter or when encountering amplifier overload problems.

ELECTRONIC FEATURES

WAL flat response, humbucking pick-ups; moulded in black A.B.S. with three point, spring mounted, height adjustment. These pick-ups contain four individual string-matched pick-ups, thus virtually eliminating imbalances, crosstalk and intermodulation. Plated pole-pieces are adjustable with socket screwdriver provided.

WAL printed circuit electronic modules use high stability, closest tolerance components and graphite wiper pots, with push/pull gold contact switches. All controls are designed for ultra low noise, interference and distortion-free performance. Powered by a single 9-volt PP3 size battery, consumption is less than (1mA).

Balanced DI and transformer isolation provides clean, reliable and safe studio or stage mixer feed without the need for an external DI box (fig. 2).

Standard 1/4" jack output for amplifier feed. Insertion into this socket switches on electronics. A dummy or unconnected jack plug **MUST** be inserted when using DI output alone (fig. 1).

Pick-ups, P.C. Modules and output sockets are all interconnected via shakeproof, polarized connectors for easy removal and replacement. All cavities are screened against external electrical interference.

CONTROLS

Volume Knob:- rotary adjustment of output volume, pull to actuate pick-attack. A narrow band of high frequencies is added to the overall tone-setting to provide dynamic, percussive attack. Both overall output level and level of pick-attack are trimmable from inside the bass. (Pick-attack: fig. 4. Volume: fig. 5).

Pick-up Mixing Knob:- This silently mixes the levels of the pre-EQ'd pick-ups to any desired ratio whilst keeping the combined output level constant.

Tone-Knobs:- These operate electronic, low pass filters whose roll-off frequencies vary with the position of the control. Fully clockwise at 10, the spectrum is full and flat. As the controls are backed off, the spectrums of the appropriate pick-ups are foreshortened. (Roll-off 12dB / Octave). The dominant tone character varies, therefore, throughout the entire range of control. Pulling-up the knob produces a quasi-parametric boost of about 10dB to the harmonics which lie at or near the roll-off frequency set by the rotary position. This provides the characteristic 'active' sounds so popular today, without the clinical quality common to many circuits. By using the pan mixer like a master tone control, in conjunction with the pick-up controls, an endless range of subtle tones and dynamic effects can be created, with or without the pick attack.

On left-hand models all rotary functions are reversed to right-hand.