

MARLEAUX “ARTIO” ONBOARD PREAMP 3-band active/passive

The Marleaux "ARTIO" electronics feature a premium-class 3-band active/passive tone control system with a passive treble roll-off.

This preamp has been developed exclusively for our basses. It combines high-quality components with a modern sound aesthetic, delivering exceptional tonal flexibility and performance.

Control panel:

- Master Volume with logarithmic taper and integrated push/pull switch for active/passive selection (pull = active)
- Neck Pickup On/Off
- Bridge Pickup On/Off
- Middle Pickup Coil Selector – selects between Single Coil, Parallel Humbucker and Series Humbucker modes
- Middle Pickup Vol. Control – adjusts the volume or blend level of the middle pickup
- Side-Mounted Output Jack

(1) Dual-Concentric Potentiometer with separate control shafts for:

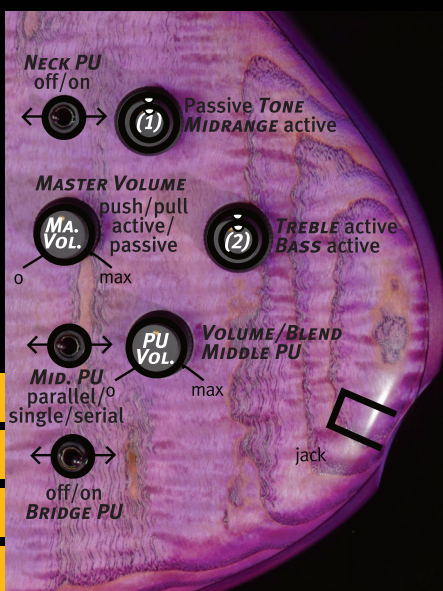
- Passive Tone Control
- Active Midrange Control

(2) Dual-Concentric Potentiometer with separate control shafts for:

- Active Treble Control
- Active Bass Control

EQ Frequencies

Treble	(8kHz	+/-12dB)
Midrange	(500Hz	+/-12dB)
Bass	(70Hz	+/-14dB)



Design change is possible. July 2026.

Special features

One distinctive characteristic of this tone control is the design of the treble EQ. Rather than functioning as a conventional high-pass filter, it is implemented as a gently rising and falling band-pass filter with a Q factor of approximately 0.5.

This provides two important musical advantages: the high frequencies sound smoother and less harsh, while unwanted noise and interference are effectively reduced.

The power consumption is very low at less than 1mA. Even with loads of playing time, changing the battery is something that the player won't have to think about often.