



ARCO – DB 510

Designed and built for pro bassplayers.
Latest technology , best components.
High durability , high power , low weight.
Build to serve you for many years.
Weighing a mere 9 kgs. , 35 x 38 x 30cm
(14 x 15 x 12") and with a 500W power
rating this bass combo is without any serious
competition.



ARCO-amplification design goals:

Low weight and sturdy design.
Easy operation , yet flexible.
Small size and high power and acoustic output.

"Classic" preamp:

J-fet technology. Short signal path.
Hi and lo gain inputs , high gain very good for piezo
transducers. Input gain and mute. Hi and lo cut
filters. 4 band equalizer. Phase reverse.
Master volume. Balanced XLR line output, working
with pre/post eq., switch, gain and high- and low-cut.
Unbalanced lineout jack.
Insert point send - return jack. Tuner output.

Hi tech poweramp: Powerful switch-mode power
supply for 115/230 volt ac. Speakon and jack speaker
outputs. 500 class D watts rms in 4 ohms.

Hi tech cabinet: 10 inch neodymium driver.
Lightweight cabinet well braced. Metal front grill.

We have combined these elements into a small
robust powerhouse, small enough to carry and use
everywhere and versatile enough to fit perfect into
every bass players work. From acoustic folk, jazz to
rock music.

We have focused on keeping things simple but right
so you can focus on the music.

We did not fill the amplifier with built-in effects,
compressors and pre-shape filters (not to mention
modelling etc etc).



Specifications:

Size: 35 x 38 x 30(25) cm/ 14 x 15 x 12/10".
Weight: 9 kgs Cabinet: 12mm. birch ply.
Special bracing. Special coating.
Output power: 500 watts 4 ohms RMS /
250 watts 8 ohms RMS.
Loudspeaker: 10 inch neodymium.

Hi input: 2 megaohms

Lo input: 100 kiloohms

Lo cut: 75 Hz 6 db. oct.

Hi cut: 6000 Hz 6 db. oct.

Bass: 50 Hz +/- 20 db. shelving.

Lo mid: 200 Hz +/- 20 db. lo-Q

Hi mid: 800 Hz +/- 15 db. lo-Q

Treble: 4000 Hz +/- 20 db. shelving.

Insert point: 0,775 volt send/return.

Balanced/unbalanced line out: level 0db, to + 4 db,

hi - lo cut, pre/post equalizer. Tuner out: 0,775 volt.

Ext. speaker : Speakon and standard jack.

Minimum impedance 8 ohms. (external speaker)

AC input: 115/230 volts.