

S10X-B PERFORMANCE SYSTEM

APPLICATIONS

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|---------------------------|--------------|
| Electric Bass Guitar | Mandolin |
| Acoustic Bass Instruments | Banjo |
| Chapman Stick | Synthesizers |
| Electric Guitar | |

DESCRIPTION

The Bag End® S10X-B is a super compact single 10" Coaxial musical instrument speaker well matched to acoustic instruments of all types, electric bass, or synthesizers. The Deep Red dust cap indicates a Coaxial driver that includes a 10" cone for lows and mids, a crossover network, and a 1" titanium diaphragm compression driver for extending the high frequency response. It has damped spring loaded handles, a coated steel grille, and an 18mm thick birch plywood cabinet finished with hand rubbed oil, making it a beautiful, portable and durable speaker enclosure. It is rear vented, with 2 parallel Neutrik® SpeakON jacks for high current connections. Its excellent sound and small size make it a great choice for rehearsal or as part of a larger multi way modular system. While the S10X-B is the smallest of the instrument systems it includes the same quality and workmanship that has made Bag End® Oiled Birch legendary among the best musicians throughout the world.



SPECIFICATIONS

System Type:

Rear vented 0.75 ft³!3

Enclosure:

18 mm 13-ply birch plywood

Finish:

Oiled birch

Grille:

16 Gauge black powder coated perforated steel

Low Frequency Components:

E-10B 10" Cone ,
2" Voice coil, 40 oz Magnet

High Frequency Components:

Transducer, 1 – E-550 2" Titanium diaphragm,
Compression driver

Input Connector:

Dual Neutrik® speakON

Internal Amplification:

Optional self powered

Hardware:

1 – Handle

Crossover Type:

Passive filter type @ 3.7 kHz

Sensitivity:

94 dB SPL (2.83 V @ 1 m)

Frequency Response:

75 Hz to 16 kHz ±6 dB

Power Handling:

200 W continuous (IEC)
400 W program

Recommended Amplifier Power:

200 to 400 W at rated impedance

Rated Impedance:

8 ohms

Polarity:

A positive asymmetrical signal applied to the + terminal will result in a positive asymmetrical acoustical pressure

Dimensions:

13.5" h x 14.5" w x 12" d
34 cm x 37 cm x 30 cm

Weight:

33 lbs
15 kg

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ABOUT MUSICAL INSTRUMENT SYSTEMS

Musical Instrument Systems, especially loudspeaker design for use with stringed instruments, require more than just technical expertise. Over the years Bag End® has employed the highest degree of technology into these systems, but beyond that, the loudspeaker becomes an extension of the instrument itself. A well designed loudspeaker will reproduce all the characteristics of the instrument, but it also adds its own frequency response, distortion and directivity characteristics. Electronic equalization in the instrument and preamp is also widely used. Our loudspeaker

designs include artistic subjectivity along with technical excellence to consider and incorporate these variables. Since before Bag End® was formed in 1976 the founders were both technicians and musicians and they incorporated both good taste and technology into the sound design of the early systems. Over the years some of the original designs proved to be exactly what many musicians wanted and therefore, have not changed for over 4 decades.

ABOUT NATURAL OILED BIRCH CABINETS

Bag End® Natural Oiled Birch enclosures were the original cabinets we made starting in 1975. In the 1970's we made all our cabinets from the highest grade clear face Finland Birch plywood with a hand rubbed oil finish. At first look these cabinets may seem to be fragile and too nice looking for use for portable systems, but the durability and longevity is now well proven. Many Oiled Birch cabinets are still in use 30 or 40 years later and perform as well today as the day they were made. With use and travel the finish will nick and ding and over time and the cabinet acquires a patina like finish. This is especially enhanced if you occasionally re-oil it. Today most of our production is still made with Finland Birch plywood and finished with durable black Ro Tex™. The classic clear face Finland Birch plywood with the hand rubbed oiled finish is available on several standard

models and most models can be custom ordered in this finish.

ABOUT BAG END® LOUSPEAKERS

Bag End loudspeakers began in 1976 in a small shop by people dedicated to the pursuit of making high quality loudspeaker systems. Over the decades Bag End® has employed the very best construction techniques and innovative acoustical designs into their products. The ground breaking introductions of the Time-Align® and ELF™ Technologies into sound reinforcement and studio monitor loudspeakers in the 1980's was followed by Minima One™ self-powered systems and the highly unique E-Trap™, electronic bass trap. Over the decades, Bag End® has been a leader in providing uniquely good sounding products and extraordinary service to our customers world wide.

DIMENSIONS

