Premium Sound Technology

ESTABLISHED IN 1999
BEST BRASS
CORPORATION

e-Sax

FOR ALTO SAXOPHONE Type II

Owner's Manual

Congratulations on purchasing e-Sax for your saxophone.

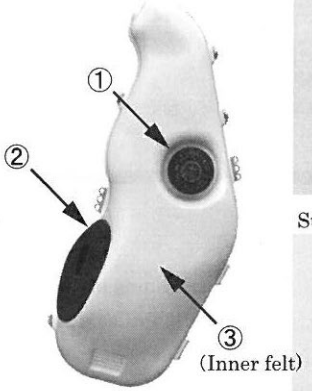
At last you can enjoy playing anywhere at any time.

e-Sax reduces saxophone output to a whisper at approximately -25dB. The acoustic lining material absorbs much of the sound whilst maintaining the full tonal characteristics of your instrument. This natural sound can be enjoyed through the headphones - performing on your own or with backing tracks and play-along CDs. Also, the supplied cable will facilitate interactions with PC, MP3 players, or recording devices. Using e-Sax is just like you play in a personal studio where nobody can bother you.

To enjoy all the features of e-Sax please read carefully this Owner's Manual before playing.

— Contents of package —

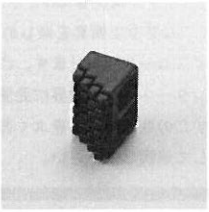
[Main unit]



[Accessaries]

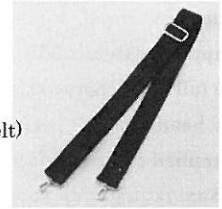
Neck Supporter x1

Bottom spacer x1



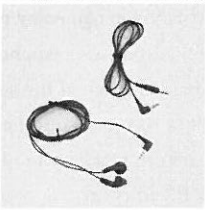
Bottom pad x1

Strap x1



Bonus CD x1

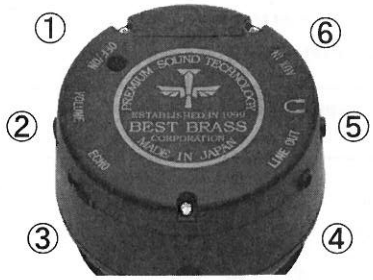
Headphones x1, Connecting cable x1



[Main parts attached to the body]

① Electronic module : AUX IN/PHONE/LINE OUT for stereo mini-plug (3.5mm)
② Hand packing : Made of special sponge rubber for comfort and flexibility.
③ Sound absorbing felt : High-performance compound fiber with super moisture control, odor eliminating, antibiotic action, and fungus resistance.

— Name of parts,and functions —



① ON/OFF Switch: Red LED indicates that e-Brass is on. The light will be down when the batteries are dead.
② Volume Slide Switch: Choose your preferable volume frm 0 to 10. 10 is the loudest volume. (4 by default.)
③ Echo Slide Switch: Adjustable Digital echo. At loud volume level, strong echo over 6 may cause an electronic noise. (4 by default.)
④ Line out: For connecting e-Brass and IC recorders, PC, etc.
⑤ Headphones-Jack: Also available as the High-Power Line out.
⑥ Line In: For connecting e-Brass and CD/mp3 players, etc.

— Preparation of the electronic module —

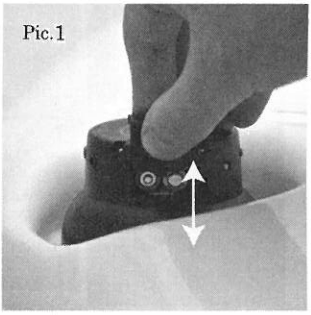
Ⅰ : Two AAA batteries are required to activate the electronic module. (Alcaline battery is suggested.)

Ⅱ : Slide up the battery cover as illustrated Pic.1. Insert two AAA batteries according to the guide mark.

Ⅲ : Plug the headphones into ⑤, and power on at the white switch.

*Note : Please make sure to change two batteries at the same time.

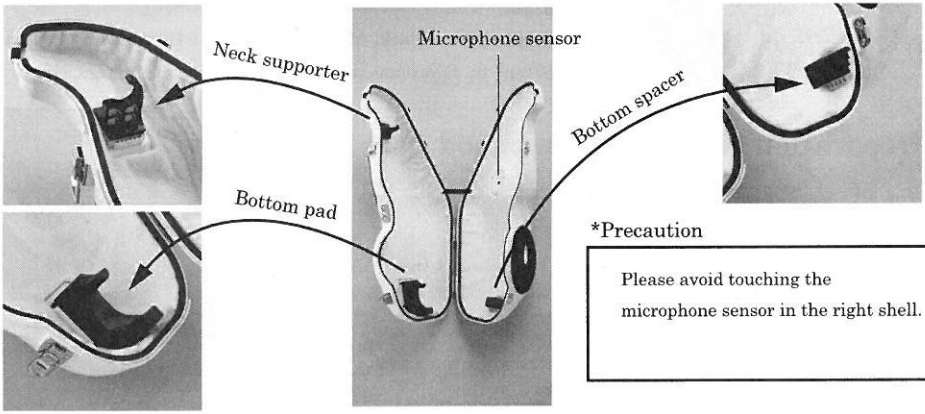
Pic.1



— Set up —

Ⅰ : Assemble the saxophone normally but without the neck strap.
　* Fit the protective cap over the mouthpiece before continuing.
Ⅱ : Lay e-Sax on its left shell and release the 4 snap-locks (5 locks for Tenor) to open it.
Ⅲ : Attach the neck supporter, bottom pad, and bottom spacer as illustrated.

* These positions may be adjusted later to achieve a good fit or to improve the lower register.
  However, e-Sax may not accept vintage or non-standard models.



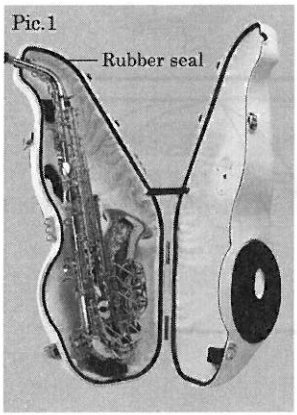
*Precaution

Please avoid touching the
microphone sensor in the right shell.

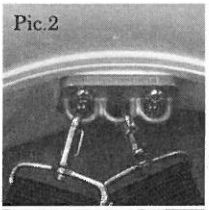
Ⅳ : Slacken the neck screw and lay the instrument in e-Sax as illustrated. (Pic.1)
　* Seat the neck in the top opening and tighten the screw. Make sure octave linkage does not touch the felt or rubber seal.
Ⅴ : Check if the neck neatly fit, then screw tightly. Close the 4 snap locks (5 locks for Tenor).
Ⅵ : Clip on and adjust a strap (Pic.2). Plug in headphones and you are ready to play.

* Bottom spacer compresses approximately 5mm against the LOW C guard when e-Sax is closed.
  A piece of cork or felt may be attached to the spacer to adjust the compression. (Pic.3)

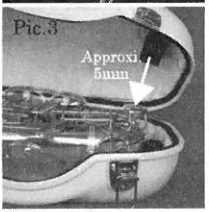
Pic.1



Pic.2



Pic.3



Performance posture (Saxophone player: Yuya Yoneda)

Stand (Tenor)

Sitting (Tenor)

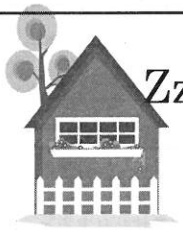
To Beginners who play e-Sax

e-Sax is the ultimate mute for saxophones, significantly reducing the sound output. However, beginners tend to produce more sound to compensate and this defeats the aim.

It can also make the instrument harder to play. With headphones at moderate volume setting the learner will soon develop a controlled quieter sound for even more enjoyable practice.

A guide of decibel levels

Decibel	Examples	Live sound	With e-Sax
100dB	Train (Outside)	ff, f	
90dB	Dog barks	mf, mp	
80dB	Train (Inside)	p, pp	ff, f
70dB	Street		mf, mp
60dB	Conversation		p, pp
50dB	Quiet office		
40dB	Library		



Though the sound is reduced, spare a thought for neighbours.
-Especially late at night.

— Precaution, tips, etc. —

- Do not dismantle or modify it in any way.
- Please stop using e-Sax if there is a malfunction of any kind: particularly if rain or a liquid spillage enters it.
- Using headphones at high volume can cause permanent hearing loss.
- Switch the power OFF before connecting to CD / MP3 player or Mixer.
- High impedance connections are not suitable for use with this module.

— Bonus CD and usage examples of the connecting cable —

The bonus CD contains 8 songs below. Using the scores which starts from the next page, you can enjoy playing along with the songs or with only the accompaniment. Connect "AUX IN" and CD/mp3 players (See ① below) to do the minus-one. Also, to record your performance, please connect "LINE OUT" and PC or recording devices with the cable (See ② below). Today, it is so easy to download minus-ones on the net. Please try it!

[Contents of the CD]

1: Air on the G string (J.S.Bach)
Trumpet : Alexei Tokarev
2: Piano accompaniment.

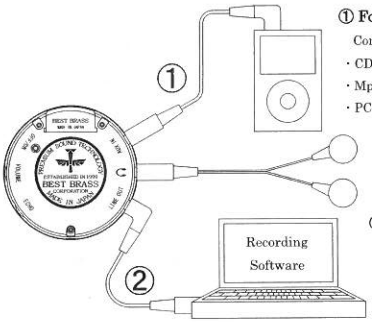
3: Le Cygne (C.Saint-Saens)
Trombone : Yuzo Kataoka
4: Piano accompaniment.

5: Ave Maria (F.Schubert)
Horn : Tetsuo Higuchi
6: Piano accompaniment.

7: Salut Damour (E.Elgar)
Alto Saxophone : Satoshi Kato
8: Piano accompaniment.

Piano: Yoko Kobayashi

[How to connect(Examples)]



① For the Minus-one
Connect AUX IN and:
- CD Player
- Mp3 Player
- PC(Playing software),etc

② For recording
Connect LINE OUT and:
- Tape recorder
- PC(Recording software)
- IC recorder,etc

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http://www.bestbrass.jp/

* The user that changes or modifications not expressly approved by the party responsible for compliance could void the user' s authority to operate the equipment.

NOTE : This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

* This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

* EMC standards : conforms to EN55013, EN55020, FCC-P15 Class B, ICES-003 Class B

Special thanks to Paul Frankland