

Silent Brass Systems (a set of a module and a mute)

For Trumpet, Cornet:	SB7-9
For Flugelhorn, Alto Trombone:	SB6-9
For Trombone, Bass Trombone:	SB5-9
For French Horn:	SB3-9
For Euphonium:	SB2-9
For Tuba:	SB1-9

The Silent Brass System Comes With

- Pickup mute
- Personal Studio
- Special locking cable
- Belt loop/strap
- Mini-stereo earphones
- 9volt Battery
- Soft shoulder bag (PM2 only)
- Carrying case (PM1 only)

ST9 Main Unit Specifications

Frequency Characteristics:
INPUT: 120 Hz to 20 kHz,
AUX IN: 160 Hz to 20 kHz

Input/Output Levels (0dBm=0.775 Vrms):
INPUT: -30dBm, AUX IN: -20dBm,
OUTPUT/PHONES: -10dBm

Jacks and Terminals:
INPUT, AUX IN, OUTPUT/PHONES
(all mini jack type)

Control:
Volume, Input Lo/Hi,
Power OFF/ON/ECHO

Power Supply:
6F22/6LR61 9-Volt battery
(Operation with Manganese batteries last
about 12 hours.)

Dimensions (WxDxH):
75 x 70 x 25 mm (2-15/16" x 2-3/4" x 1")

Weight:
65g (2.3oz) without batteries



YAMAHA

The New SILENT BRASS SYSTEMS

Silence Has Never Sounded So Good

Private Practice for:
Trumpet (Cornet, Piccolo Trumpet)
Flugelhorn (Alto Trombone)
Trombone / Horn / Euphonium / Tuba

Play Whenever You Want, Wherever You Want!

Simply plug the wire from the Pickup Mute into the Personal Studio. Choose whether you want echo or natural sound, plug in the earphones, and you are ready to practice in your own private musical world.

The secret of the system, is that you can hear your playing at a normal volume—though others hear only a whisper—thus eliminating the resistance from over-blowing which characterizes most other practice mutes.

The ST9 Personal Studio unit is so small and light that it fits in a shirt pocket, or you can hook it to your belt with the handy strap supplied.

ST5 Digital Effect System for Wind Instruments

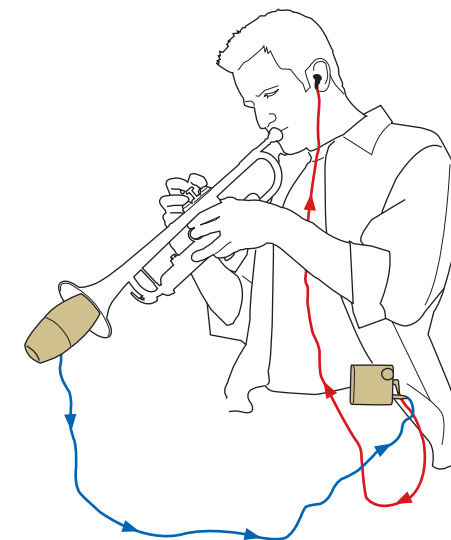
This innovative device offers unprecedented tonal variety and expression for all wind instruments. Using powerful digital processors you can twist and shape your tone for unlimited creativity whether in silent practice, the recording studio, or on-stage performance. The ST5 was designed to work especially well with the Silent Brass Pickup Mutes or with Yamaha's MC7 microphone (or similar microphones).

A range of 32 high-resolution digital effects including reverbs, delays, distortion, pitch change, modulation, dynamics and 4-band EQ can be used — up to 6 at a time — to alter and enhance your sound. 50 preset effect programs are provided, and memory for 50 user programs lets you store your own creations.

The built-in tuner, metronome with rhythm patterns, and phrase sampler, make the ST5 a powerful practice tool. While inputs for external sources such as recordings allow real-time pitch-change so you can play along with any music.



For details please contact:



ST9 Personal Studio



Head Office: EC00J0249 ISO 9001 Certified
Toyooka Plant: EC00J0045 JQA-QM6245
Saitama Plant: EC99J1065



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<http://www.yamaha.co.jp/english/product/winds/>

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Silent BRASS

Silent Brass Systems

Yamaha's Silent Brass System offers the advantage of practicing or playing at times, and in places you couldn't before. And offers privacy for those a bit timid about having others hear their not so perfect notes. Simply plug in earphones to hear yourself in your own personal performance environment. The internal electronics can also enhance the sound digitally, to mimic the acoustics of a larger room. You can play along with your favorite pre-recorded music by plugging in a CD player and use the output jack to connect to an external amplifier or recorder to share your music with others.



THE PICKUP MUTE

Play high or low, loud or soft, and your pitch will remain true and centered. Silent Brass Pickup Mutes are some of the most in-tune mutes ever made. In addition to the Silent Brass sets, the Pickup Mutes are also available separately.

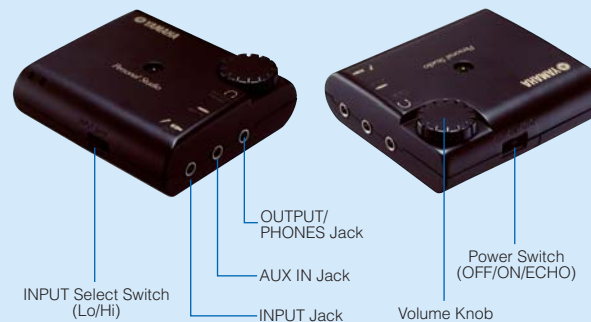


The PM1 disassembled for easy storage and portability.



THE PERSONAL STUDIO

The newly improved ST9 Personal Studio is has been reduced to a size and weight approximately 1/4th that of the previous model. It is a tiny amplifier, small enough to fit into a shirt pocket, which offers a choice of 'clean' or echo enhanced sound. It lets you hear your own playing at the volume you are accustomed to, to prevent any over-blowing. An Aux In is a direct line-in for playing along with CDs or other recordings. The ST9 Personal Studio may also be purchased separately for players who already own a Pickup Mute.



Owning the Silent Brass is almost like having your own private practice studio—and one that fits in a pocket!



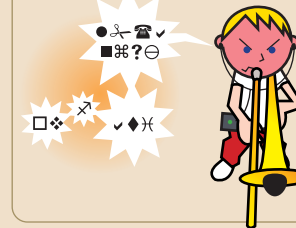
You can practice anytime, even when the rest of your family are sleeping!



It's easy to keep up your chops when traveling. You can practice in your hotel room!



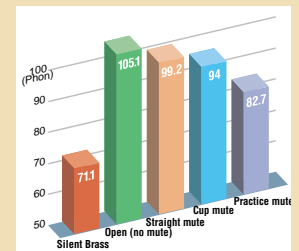
You no longer need worry what others will think of your playing—play with total privacy!



Silent Brass versus Conventional Mutes

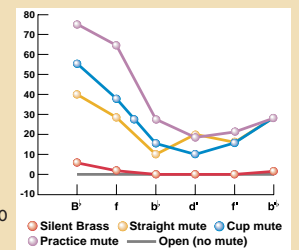
Very Quiet

Tests were made by 10 different players using a PM-7 mute with pro model Bb trumpet. Samples were taken by a microphone 1 meter in front of the bell, and were played in high, medium, and low ranges. The charts represent an average from the combined data.



Accurate Pitch

Probably the most revolutionary, and appealing, quality of the Silent Brass is the even and consistent intonation. This chart shows the intonation differences between an open trumpet, shown as "0", and various mutes with no adjustments to the tuning slide.



The above figures are not absolute and results will vary depending upon a combination of many factors (e.g., the physical characteristics of the player, the nature of instrument and mouthpiece used, etc.)