



## Pickup Mute™ and Personal Studio™ for Tuba(with Brass Resonance Modeling™)

### Experience the Evolution of SILENT Brass™

You want to play when and as you like, without being confined to time or place... Yamaha's next generation SILENT Brass makes it happen. The new SILENT Brass consists of a smaller, lighter, freer blowing Pickup Mute, and the Personal Studio, which features Yamaha's exclusive Brass Resonance Modeling. Used together, the two deliver the natural acoustic tone you hear when playing without a mute, making it feel as though you are playing mute free.

### Features

#### - Lightweight and Compact



The new SILENT Brass Pickup Mute is designed to be significantly smaller and lighter than previous models to improve the balance when playing, yet it offers approximately the same muting efficiency along with stable pitch over a wide range and unrestricted breath flow.

## Features

### Brass Resonance Modeling™



The SILENT Brass features this unique Yamaha technology which uses the modeling of non-muted brass instruments to correct your instrument's tone when the Pickup Mute is in place. The resulting sound is so realistic, it's hard to tell whether or not the instrument is muted.

### External Device Input for Enjoyable, Effective Practice



By connecting to portable audio players or smart phones with audio playback capability, you can play along with your favorite tunes or practice with popular "minus-one" backing tracks. \* Stereo mini-to-mini cable sold separately.

### Pickup Mute™

The Pickup Mute combines a high-performance mute with an internal microphone to pickup sound.

### - Adjustable Pitch and Playing Feel



An adjustable rod allows the position of the mute head to be raised or lowered inside the bell while playing. This gives you the ability to customize the feel and the pitch to find the perfect fit for your own instrument and playing style. In addition, this allows the mute to be adjusted for a wide range of bell sizes, making the same tuba mute usable with Bb, C, Eb, and F horns.

## Features

### - Disassemble to Compact Size



The disassembled mute body halves can be stacked for compact storage. \* Yamaha tubas will not fit in the supplied hard case with the tuba mute installed. \*The instrument may fit in roomy soft cases from some manufacturers with the mute installed. Please confirm the fitting independently. \* Do not stand the instrument on its bell when the mute is installed.

## Specifications

Pickup Mute™	
Model	PM1X
Dimensions (Diameter x Length)	335 x 695mm (13-3/16" x 27-3/8")
Weight	1800g (3 lbs. 15 oz.)
Internal Microphone	Electric condenser microphone
Pickup Output Jack	Mini phone jack
Nominal Level	-25dB □ -35dB
Brass Resonance Modeling™	Yes

## Specifications

Personal Studio™	
Model	STX-2
Dimensions (W x D x H)	70 x 20 x 98mm
Weight	71g (2.5 oz) without batteries
Jacks and Terminals	MUTE IN, AUX IN, PHONES
Control	VOL. (volume), Reverb type, Power ON/OFF
Brass Resonance Modeling™	Yes (It behaves correctly only when compatible Pickup Mute™ is connected to Personal Studio™.)
Power Supply	AA alkaline or nickel-metal hydride batteries x 2 (3V DC)

## Specifications

Accessories	
Included Accessories	Cable, Stereo Earphones, Owner's Manual, belt