

FOLD

To return to standard tuning, continue to press the "b" button until the flat symbols disappear from the front of display. Or turn the tuner off and on again to return to standard tuning.

The Snark's transpose feature is also useful for non-concert tuned instruments, such as B \flat trumpet. By selecting a single "b", a played "C" (which is concert B \flat) will register as a "C".

TAP TEMPO METRONOME

The Snark has a built-in visual metronome which is activated by the "TAP-MET" switch on the side of the tuner. One tap activates the metronome to a default setting of 100 bpm, indicated by the flashing red heart on the front panel display. The tempo can be adjusted in two ways – first by tapping on the "TAP-MET" switch at the desired tempo. The Snark will calculate the tempo between two taps. Or the up / down triangular buttons on the back can also be used to adjust the tempo. To exit the metronome function, simply press the power switch on the front of the tuner.

POWER SAVE FEATURE

The tuner display will dim after approximately 10 seconds of no sound detected by the tuner. This conserves battery power. The display will return to normal brightness when a note is detected. If no notes are detected for 2 minutes, the tuner will shut off.

BATTERY REPLACEMENT

The tuner uses 1 CR2032 (3 volt) battery. To replace battery, open the battery drawer, remove the old battery and replace with fresh one, taking care that the positive terminal (+) is directed upwards when placed in the battery door (plus side toward back side of tuner). Then gently push the battery door closed until you feel a slight "click". (Upon first use of the new tuner, you need to pull out the clear insulator piece for the battery to make contact with circuitry.)

SELF TEST

The Snark tuner occasionally runs a "self test" to make sure all functions are up to snuff. This could

happen sometimes when you first turn on the tuner. But not to worry, the self test lasts just a few seconds and will return you to tuning mode when it is finished.

TUNE TIGHT! TUNE RIGHT!

SNARK



CAUTION

Leaving the tuner attached permanently to the instrument for a long time period could cause marring of the finish. We recommend you remove the tuner from the instrument after you finish playing.

This product complies with FCC Part 15 rules. Operation of this product is permitted in USA provided this product does not cause harmful interference and provided this product accepts interference from other devices, even if that interference is detrimental to performance of this product.

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SNARK



TUNER INSTRUCTIONS

- SN-1 (Guitar)
- SN-2 (All Instrument)

FOLD

TUNER FEATURES

SNARK

Thank you for purchasing Snark! The frequency range detected by the SN-1 is optimized for guitar. The SN-2 is able to detect an extended frequency range and can be used for all instruments including guitar. Both tuners are chromatic, and both tuners sense the vibrations of the instrument they are attached to. In addition, the SN-2 has an internal microphone that can be used for note detection in lieu of the vibration sensor. Use the MIC/VIB switch on the SN-2 to select which note detection means you choose.

ATTACHING THE TUNER TO YOUR INSTRUMENT

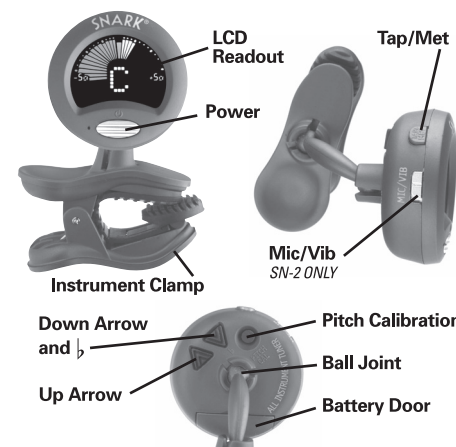
Use the clamp to attach the Snark to your instrument. Take care to avoid damaging the finish of your instrument. Do not attach the tuner to your instrument if any of the rubber pads are broken or missing.

For guitars, attach the clamp to the headstock (placing the body of the tuner either in front of or behind the headstock). For other instruments, find the location that allows best pick up of sound while allowing you to view the display easily. When using the SN-2, in some cases, you may want to switch the SN-2 to "MIC" and attach it to your music stand.

After attaching the tuner to your instrument, adjust the "banana" shaped arm that connects the tuner to the clamp for optimum viewing of the tuner display. Also, the tuner body rotates 360 degrees so the display can be placed right where you want it.

POWER UP & PITCH CALIBRATION

Once you have attached the Snark to your instrument or music stand, turn it on by pressing the power switch on the face of the tuner. If you have an SN-2, select either "MIC" (the internal microphone detects the sound from your



instrument) or "VIB" (internal vibration sensor detects the vibrations of the instrument it is attached to).

The Snark defaults to the tuning reference of A-440Hz. To set the Snark to another tuning reference, push the "PITCH CAL" button on the back of the tuner and immediately press either the up or down triangular buttons to choose a new tuning reference. The pitch reference can be set anywhere from 415 – 466Hz. Pressing the "PITCH CAL" button again or pressing the power switch on the front of the tuner resets the tuner to A-440.

TUNING

The Snark is now ready to help you tune your instrument. As soon as you play a note, the Snark's color display will indicate the note you are playing and how close to pitch you are. The left side of the display (red) indicates flat, the right of the display (yellow) indicates sharp.

If only red needles are lit, it means the note played is flat. If any yellow needles are lit, it means the note played is sharp.

You are in tune if the green needle and the green dot above it (at center of meter) are lit, but no yellow needles are lit.

As the Snark is chromatic, you can easily deal with non-standard tunings. The Snark will read any note you play.

TRANSPOSE FEATURE

For guitar players using a capo, you can use the Snark's transpose feature, engaged by pushing the "b" triangular button on the back of the Snark. Press the "b" triangular button once and the front display will indicate a single "b", which corresponds to having a capo on the first fret of your guitar. In this setting, the lowest note on the guitar is an "F", but the Snark will read it as the standard "E", making tuning appear to be standard. If the capo is on the second fret, hit the "b" button twice, and the display will show "bb". Additional pushes of the "b" button will give you up to four flats, corresponding to putting the capo on the fourth fret.