at the desired tempo. The Snark will calculate the tempo between two taps. Or the up / down triangular buttons on the front can also be used to adjust the tempo. To exit the metronome function, simply press the power switch on the front of the tuner.

TONE GENERATOR

To play reference tones C, C#, D, D#, E, F, F#, G, G#, A, A# and B, press the TONE button on the top edge of the tuner. Then press either the UP or DOWN ARROW buttons to play the tones in ascending or descending order.

To leave the TONES function, press the POWER button on the front of the tuner.

POWER SAVE FEATURE

The tuner display will dim after approximately 5 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 2 AAA (1.5 volt) batteries. To replace battery, open the battery compartment, remove the old batteries and replace with fresh ones, taking care that the positive terminals (+) of the new batteries match the diagram inside the battery compartment.

TUNE TIGHT! TUNE RIGHT!

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TUNER INSTRUCTIONS

- **SN-3 (Guitar)**
- **SN-4 (All Instrument)**

TUNER FEATURES

SNARK®

Thank you for purchasing Snark! The frequency range detected by the SN-3 is optimized for guitar. The SN-4 is able to detect an extended frequency range and can be used for all instruments including guitar. Both tuners are chromatic, and both have a 1/4 inch input jack and an internal microphone for note detection.

POWER UP & PITCH CALIBRATION

Turn on the Snark by pressing the power switch on the face of the tuner.

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 front 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 power switch on the front 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.

Tap/Met **Tone** **Pitch Calibration**

Down Arrow and ♭

Power **Up Arrow**

LCD Readout

Input Jack
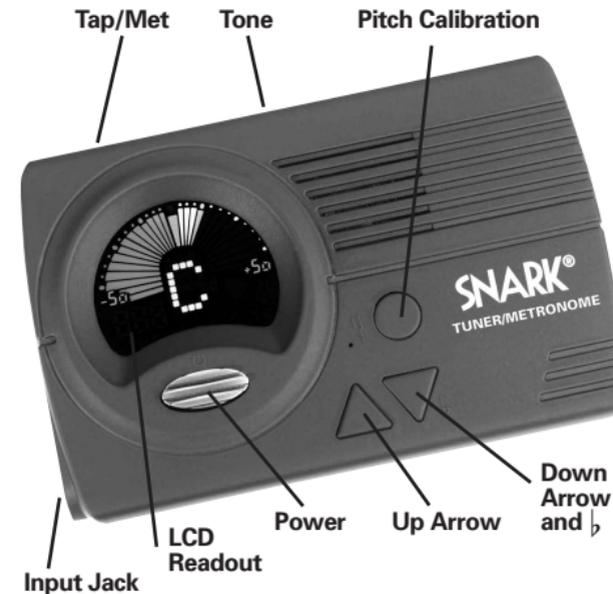
TRANSPOSE FEATURE

For guitar players using a capo, you can use the Snark's flat tuning feature, engaged by pushing the "♭" triangular button on the front of the Snark. Press the "♭" triangular button once and the front display will indicate a single "♭", 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 "♭" button twice, and the display will show "♭♭". Additional pushes of the "♭" button will give you up to four flats, corresponding to putting the capo on the fourth fret.

To return to standard tuning, continue to press the "♭" 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♭ trumpet. By selecting a single "♭", a played "C" (which is concert B♭) will register as a "C".

The tuner display will dim after approximately 5 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.

TAP TEMPO METRONOME

The Snark has a built-in metronome which is activated by the "TAP-MET" switch on the top edge 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