

TU-12BW Chromatic Tuner



Chromatic Tuner for Brass & Wind



This sleek, stylish chromatic tuner is designed exclusively for brass and wind instruments. Tune quickly and accurately using the internal microphone or the external clip-on contact mic (included). ACCU-PITCH verifies tuning with an audible beep. The included case can be attached to a music stand for added convenience.



TU-12BW Specifications

■ **Tuning Range** E0 (20.6Hz) – C8 (4,186.0Hz) ■ **Reference Pitch** A4 (438–445Hz) ■ **Tuning Accuracy** ± 1 cent ■ **Power Supply** Dry battery R03 (carbon) or LR03 (alkaline); (AAA) type x 2; DC 3 V, AC adaptor DC 9V (PSA series; optional) ■ **Current Draw** 12 mA ■ **Expected battery life under continuous use (carbon)** Approximately 15 hours This figure will vary depending on the actual conditions of use. ■ **Dimensions** 147.5 (W) x 54.0 (D) x 23.9 (H) mm / 5-13/16 (W) x 2-1/8 (D) x 1 (H) inches ■ **Weight** 205 g, 8 oz (including batteries) ■ **Accessories** Dry battery (R03 (AAA) type) x 2 (carbon), piezo microphone, Owner's Manual, Soft Case, Holder, Leaflet ("USING THE UNIT SAFELY" and "IMPORTANT NOTES"), Information

* The specifications are subject to change without notice.

TU-12EX Chromatic Tuner



Chromatic Tuner for Guitar & Bass



This successor to the legendary TU-12 provides BOSS' famous needle/LED indicators for fast, accurate tuning. Other features include Flat Tuning of up to six half steps, ACCU-PITCH with an audible beep, a reference tone, a built-in microphone for acoustic instruments and battery-saving Auto-Off.

TU-12EX Specifications

■ **Tuning Range** E0 (20.6Hz) – C8 (4,186.0Hz) ■ **Reference Pitch** A4 (438–445Hz) ■ **Tuning Accuracy** ± 1 cent ■ **Power Supply** Dry battery R03 (carbon) or LR03 (alkaline); (AAA) type x 2; DC 3 V, AC adaptor DC 9V (PSA series; optional) ■ **Current Draw** 12 mA ■ **Expected battery life under continuous use (carbon)** Approximately 15 hours *This figure will vary depending on the actual conditions of use. ■ **Dimensions** 147.5 (W) x 54.0 (D) x 23.9 (H) mm / 5-13/16 (W) x 2-1/8 (D) x 1 (H) inches ■ **Weight** 138 g, 5 oz (including batteries) ■ **Accessories** Dry battery (R03 (AAA) type) x 2 (carbon), Owner's Manual, Soft Case, Leaflet ("USING THE UNIT SAFELY" and "IMPORTANT NOTES"), Information

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TU-88BK/TU-88WH Micro Monitor & Tuner



■ TU-88BK

■ TU-88WH

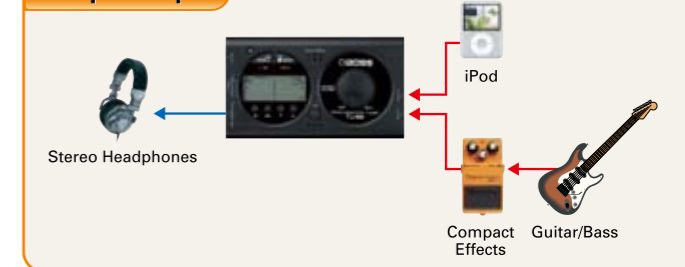
Triple-Function Monitor/Tuner for Guitar and Bass



Small, cool and feature-packed, BOSS' new TU-88 is a must-have for guitar and bass players on the go. Available in black or white, it provides needle-accurate tuning, a metronome, and a headphone amp with speaker simulator for monitoring effects, including compact pedals.

- Three tuning modes (Chromatic, Guitar, Bass), Flat Tuning function and ACCU-PITCH verification with an audible beep
- Built-in headphone amp lets you tune, jam and play your effects with headphones or direct recording
- Built-in metronome with selectable rhythmic patterns and volume control
- MIX IN allows jamming with an external music-playback device (iPod, etc.)

Setup Example



TU-88BK / TU-88WH Specifications

■ **Tuning Range** E0 (20.6Hz) – C8 (4,186.0Hz) ■ **Reference Pitch** A4 (435–446Hz) ■ **Tuning Accuracy** ± 1 cent ■ **Power Supply** Dry battery 6F22/6LR61 (9 V) type, AC adaptor DC 9V (PSA series; optional) ■ **Current Draw** 30 mA ■ **Expected battery life under continuous use (carbon)** Approximately 8 hours *This figure will vary depending on the actual conditions of use. ■ **Dimensions** 140.0 (W) x 79.5 (D) x 30.1 (H) mm / 5-9/16 (W) x 3-3/16 (D) x 1-3/16 (H) inches ■ **Weight** 190 g, 7 oz (including battery) ■ **Accessories** Dry battery 6F22 (9 V) type (carbon), Owner's Manual, Leaflet ("USING THE UNIT SAFELY" and "IMPORTANT NOTES"), Information

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