

Specifications	LR-10	GB-10
Storage medium	SD card (64 MB – 2 GB), SDHC card (4 GB – 32 GB)	
Recording format	WAV (44.1 kHz, 16 bit)	
Playback formats	WAV (44.1 kHz, 16/24 bit) MP3 (44.1/48 kHz, 32/64/96/128/192/256/320 kbps)	
Input channels	2 (stereo)	1 (mono)
Instrument input	—	6.3 mm standard jack, mono
Line input	3.5 mm mini jack, stereo	—
Microphone	Electret condenser microphone, omni-directional, stereo	—
Headphones/line output	3.5 mm mini jack (stereo)	
Maximum output (line)	+2 dBV	
Maximum output power (headphones)	15 mW + 15 mW (into 32 Ohm)	
Speaker	0.4 W, mono	—
USB connector	Mini B connector, USB 2.0 High Speed (480 Mbps)	
Frequency response	20 Hz – 20 kHz +1/–3 dB	20 Hz – 20 kHz +1/–5 dB
S/N ratio	90 dB	70 dB
Total harmonic distortion	0.03 %	0.07 %
Power supply	AA batteries (Alkaline or Ni-MH), USB bus power or optional AC Adapter (PS-P520)	
Dimensions (W × H × D)	158 mm x 30 mm x 70 mm	
Weight	0.17 kg	0.16 kg

Specifications	TC-8	TG-7	TC-1S
Tuning temperaments	Equal-tempered tuning (12 tones), Pythagorean tuning, meantone tuning, Werckmeister III, Kirnberger III, Kellner, Vallotti, Young	Equal-tempered tuning (12 tones), 7-string guitars supported)	Equal-tempered tuning (12 tones)
Detection range	A0–C8 (27.5 Hz – 4186.010006 Hz)		—
Oscillator range	B1–B6 (61.73541–1975.533672 Hz)		—
Display modes	Bargraph, strobe, needle, fine, oscillator	Bargraph, strobe, needle, fine	—
Calibration range	349.0–499.0 Hz, in 1 Hz increments (manual mode) or in 0.1 Hz increments (automatic mode)	437–446 Hz in 1 Hz increments	—
Accuracy of tuning detection	1 cent (A = 440 Hz)		—
Accuracy of tone generation (standard pitch)	±1 cent		—
Tempo range, metronome	30 – 300 quarter notes per minute		—
Rhythmic accents	1, 2, 3, 4, 5, 6, 7, 8, 12, 16, Shuffle		—
Display backlight	switchable on/off		—
Input	Built-in microphone, omnidirectional, 6.3 mm mono jack for external microphone	Built-in microphone, omnidirectional, 6.3 mm mono jack for instrument or microphone	—
Output	Built-in speaker, 0.4 W		—
Power supply	2 AAA batteries (Alkaline or rechargeable)		Lithium manganese battery, can be charged from built-in solar panel or USB bus power
Battery life (continuous operation)	200 hours or more, depending on environmental conditions		—
Dimensions (W × H × D)	150 mm x 29 mm x 50 mm	96 mm x 18 mm x 40 mm (without silicone sleeve)	—
Weight (not including batteries)	0.1 kg	0.051 kg	—

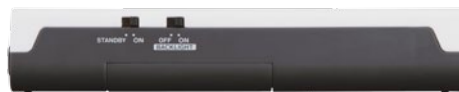
Additional views



LR-10 – Trainer/recorder for instruments and vocals



GB-10 – Trainer/recorder for guitar and bass



TC-8 – Chromatic tuner and metronome



TG-7 – Tuner and metronome for guitar and bass



TC-1S – Solar-powered tuner

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Get in tune for lots of fun.

With a trainer from Tascam, practicing music can be fun. Copy your favourite tracks, lessons or your own compositions to the memory card and play along to the music, listening over headphones or an amplification system. You can adjust both playback speed and pitch or select sections for infinite loop playback to master even difficult pieces. Apply effects to refine the input signal and record it along with the playback sound for a new arrangement.

The **LR-10** records audio through an internal stereo microphone, making it the ideal trainer for all acoustic instruments as well as vocals. Thanks to an additional line input you can also connect a keyboard or cassette player for instance.

The **GB-10**, on the other hand, is specifically designed for electric guitars and basses. Instead of a microphone, it is equipped with an instrument level input and features an amp simulation, a compressor as well as multi-effects, besides the customary trainer functions.

For quick and accurate tuning of your instrument, have a look at Tascam's tuner line. With their large displays, several modes of display and a fast response, tuning up your instrument has never been easier. The **TC-8** supports eight different tuning temperaments for all kinds of musical instruments. If you're a guitar or bass player, the **TG-7** comes with seven preset and five custom tunings. Looking for a device that's even more compact and robust, but also eco-friendly? Then you'll surely want the **TC-15**, the world's first solar-powered tuner. Available in six different colours, it can actually charge its battery on indoor lighting alone.



LR-10 and GB-10

- Compact and lightweight all-in-one trainer/recorders to practice your favourite pieces with
- Play or sing along to existing tracks, capture musical ideas or record your performance along with the existing music (overdubbing)
- Connect headphones to monitor the mix during recording
- Practice fast passages by reducing the playback speed without affecting the pitch (50 % to 150 % in steps of 10 %)
- 'Tune' a piece of music to your instrument by changing the key without affecting the tempo (± 6 semitones, including fine adjustment)
- Change the tempo and key at the same time
- Use loop playback for continuous practice of the most complicated parts within a piece
- Set up to five loops for each file in a playlist
- Quickly jump back 1 to 10 seconds during playback (flashback)
- Use the tuning function to tune up your instrument
- Let the built-in metronome help you improve your timing
- Play back MP3 or WAV files and record WAV files
- Capture audio up to two seconds before pressing the record key
- Use the auto recording function to start and stop your recording automatically depending on the input level
- Cut WAV files at any position to divide long recordings into shorter sections or to remove noise at the beginning or end of a track
- The USB 2.0 connector allows you to transfer your recordings to a computer for further editing or to put them on the internet
- Choose from three ways to power the unit
- Recording/playback medium: SD/SDHC card (2 GB card included)
- Optional footswitch available (Tascam RC-3F, sold separately)

LR-10 only

- Ideally suited for string and wind players, pianists, vocalists and all other instrumentalists, thanks to its built-in microphone
- Microphone input allows connection of an external microphone
- Or use the line input to digitize your analogue music collection
- Check recordings with the built-in speaker
- Give your recordings a polish by applying the built-in reverb effects

GB-10 only

- Instrument input for electric guitar or bass guitar
- Built-in amp simulation, compressor as well as multi-effects such as chorus, flanger, phaser, tremolo, auto wah and delay

TC-8 / TG-7

- Compact and powerful tuners with metronome for guitar and bass (TG-7) or vocals and other instruments (TC-7)
- TG-7: Supports seven preset plus five user-customizable tunings
- TC-8: Supports eight different tuning temperaments
- Hassle-free, precise tuning with four display modes (bargraph, strobe, needle, fine) or with tone generator
- Response time selectable in five steps
- Manual or automatic calibration
- Metronome (30–300 BPM, 11 time signatures, tap mode)
- Instrument/microphone input
- Through connector to insert the unit in your signal path (TG-7 only)
- Built-in microphone for tuning acoustic instruments
- Built-in speaker for oscillator and metronome output
- Flip-out stand and carrying strap attachment
- Up to 200 hours of operation on one set of batteries

TC-15

- Compact, solar-powered chromatic tuner (interior lighting is sufficient to charge the battery, with additional quick charging mode via USB)
- Up to 6 hours of continuous operation with fully charged battery
- Automatic power-off
- Equal-tempered tuning (12 tones)
- Hassle-free, precise tuning thanks to a wide bar display with four display modes
- Also displays name of detected tone and battery status
- Calibration
- Removable silicone sleeve for additional protection
- Includes a strap with clip to attach to instrument cases
- Colours available: black, white, pink, orange, green and blue