

GB-10

Trainer/Recorder for Guitar and Bass



The GB-10 is a trainer/recorder for guitar and bass. Like the well-known Tascam CD and MP3 trainers and recorders, this model can slow down and loop MP3 or WAV audio files without changing their pitch to help musicians learn new songs and licks. The GB-10 has a 6.3-mm guitar input and effects like amp modeling, delay and reverb for practicing using headphones. Adjust the balance of your instrument to play along with the music. A tuner and metronome are also included for precision playback, and a footswitch input allows hands-free control of several functions.

The GB-10 features CD-quality recording with overdub to build up an arrangement. A 2-GB SD card is included with the unit, and the new tabletop design makes it the perfect tool for music students, hobbyists or professionals to perfect their skills.

Features at a glance

- Compact and light-weight all-in-one guitar and bass trainer/recorder for jamming/training with your favorite songs
 - Take it anywhere you go
 - Simply plug in your guitar/bass
 - Play along with existing songs
 - Record over existing songs (overdub)
 - Capture musical ideas
- Amp simulation, compressor and multi-effects included
 - Choose from 10 factory settings or save your own settings (up to 10)
 - Amp simulation parameters: Gain, Master, Tone, Cabin Size, Reverb
 - Compressor parameters: Compression Ratio, Attack, Level, On/Off
 - Effects: Chorus, Flanger, Phaser, Tremolo, Auto Wah, Delay with various parameters
- Tempo control: 50 % to 150 % in 10-% steps
 - Change the song tempo without affecting the pitch to practise fast licks
- Key control: ± 6 semi-tones with ± 50 cents fine tune
 - Adjust the key without affecting the tempo to “tune the song” to your guitar or bass
 - Tempo and key control can be used at the same time
- In-Out loop playback
 - Practise complex parts of a single song over and over again
 - Up to five loops can be set for each file in a playlist
- Flashback function
 - Instantly jump back by 1–10 seconds during playback
- Built-in tuner
 - Tune your instrument precisely with a chromatic mode or an oscillator
- Built-in metronome
 - Set tempo and beat and start to improve your timing (when playback is stopped)
- MP3/WAV file playback and WAV file recording
 - Play along with or listen to your favourite MP3 or WAV files
 - Record your performance to CD-quality WAV files
- Pre-recording buffer
 - Capture up to 2 seconds of audio before the record key is pressed
- Auto recording feature
 - Recording starts and pauses automatically depending on the input level
- File divide function
 - Split a WAV file into two files at any position you like
 - Perfect to cut long sessions into smaller pieces
 - Clean a song start or ending from unwanted noise
- Uses an SD/SDHC memory card as recording/playback medium
 - Compact, secure and easily available
 - A 2-GB card is included with the unit
- Foot switch available as an option (Tascam RC-3F)
 - Use it for hands-free operation while playing your instrument
 - Several operation modes selectable
- USB 2.0 port (USB cable included)
 - Copy your favourite song files from a computer
 - Copy/move your recorded files to a computer for further processing or publication on the web
- Three options of power supply
 - Independent operation with two AA Alkaline or NiMH batteries
 - Long-time operation with optional AC adapter (Tascam PS-P520U)
 - USB bus power

Options



PS-P520U: 5-Volt AC Adapter

Related products



DP-006: 6-Track Digital Pocketstudio



DP-24SD: 24-Track Digital Portastudio



Model 12: Mixer / Interface / Recorder / Controller



Model 24: 22-Channel Analogue Mixer With 24-Track Digital Recorder

Specifications

General

Recording media	SD card (64 MB - 2 GB) SDHC card (4–32 GB)
Recording format	WAV (44.1kHz, 16-bit)
Playback formats	WAV (44.1 kHz, 16/24-bit) MP3 (44.1/48 kHz, 32/64/96/128/192/256/320 kbit/s)
Number of input channels	1 (mono)

Audio inputs and outputs

Guitar input	6.3-mm jack, mono
Input impedance	800 k Ω
Nominal input level	–13 dBV (INPUT volume at 7)
Maximum input level	+3 dBV (INPUT volume at 7)
Minimum input level	–25 dBV (INPUT volume at 10)
Headphones/line output	3.5-mm mini jack, stereo
Output impedance	23 Ω
Nominal output level	–14 dBV (10 k Ω load)
Maximum output level (line)	+2 dBV (10 k Ω load)
Maximum output power (headphones)	15 mW + 15 mW (32 Ω load)

Other inputs and outputs

USB port	Mini-B type connector
Format	USB 2.0 High Speed (480 Mbit/s)
Remote connector	2.5-mm TRS jack

Audio performance

Frequency response	20 Hz – 20 kHz +1/–5 dB (Fs = 44.1 kHz)
Total harmonic distortion	0.07% (Fs = 44.1 kHz)
S/N ratio	70 dB

Computer compatibility

Windows	Pentium 300 MHz or faster 128 MB or more memory USB port (USB 2.0 recommended)
Mac	Power PC, iMac, G3, G4 266 MHz or faster 64 MB or more memory USB port (USB 2.0 recommended)
Recommended USB host controller	Intel chipset
Supported operating systems	Windows XP , Windows Vista , Windows 7 Mac OS X 10.2 or later

Power supply and other specifications

Power supply	Two AA batteries (Alkaline or Ni-MH) AC adapter (TASCAM PS-P520, sold separately) USB bus power
Power consumption	0.4 W (MP3 playback)
Battery operation time (continuous operation)	
Alkaline batteries	About 13 hours (WAV recording) About 13.5 hours (WAV or MP3 playback)
Ni-MH batteries	About 11 hours (WAV recording) About 11.5 hours (WAV or MP3 playback)
Dimensions (W x H x D)	158 mm x 30 mm x 70 mm
Weight	0.16 kg (without batteries)
Operating temperature range	0–40 °C

Design and specifications subject to change without notice.
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