TASCAM®
TEAC PROFESSIONAL

GT-R1
Portable Guitar/Bass Recorder

The Tascam GT-R1 is the ideal recording and practicing solution for the guitarist and the bassist. The handy unit combines the merits of a Tascam MP-GT1 Guitar Trainer with the recording possibilities of Tascam's successful handheld recorder DR-1—so now users can not only practice to existing music, but can unleash their creativity and record their own pieces or make overdubs with pre-recorded tracks.

The lightweight GT-R1 is loaded with 88 preset rhythm patterns and offers 55 multi-effects with variable parameters that can be assigned to the input or playback signal. Like with other Tascam trainers, users are able to vary playback tempo and pitch for easier practice of tricky passages, or reduce guitar, bass and other sounds from existing tracks. Other trainer features include repeat, loop, single and playlist playback, chromatic tuner and metronome.

But the GT-R1 is not just a perfect instrument trainer. Its built-in stereo microphone with variable recording angle, external mic input, as well as line input and output make it a full-featured recorder for any kind of music or spoken word. Auto gain control with limiter and a switchable low-cut filter are also available.

The GT-R1 is able to record and play high-quality audio files in 16-bit or 24-bit WAV or in MP3 format up to 320 Kbit/s. A 2-GB SD card is included for data storage, while file transfer with computers can be accomplished by a USB 2.0 port. The unit operates on a rechargeable and exchangeable lithium-ion battery, and an AC adapter is available as an option.

GT-R1

Main Features

Handheld Recorder
- **Portable, handheld stereo recording**
- **MP3 and WAV file recording and playback to/from SD/SDHC card**
- **Selectable recording formats:**
  - 16-bit, 24-bit WAV
  - 32/64/96/128/192/256/320 KBit/s MP3
- **48-kHz or 44.1-kHz recording resolution**
- **Built-in high-quality stereo condenser microphone**
- **Variable-angle microphone mechanism with A/B configuration allows natural wide sound near to human listening**
- **Stereo mic input with plug-in power for an external stereo or mono microphone (mini jack)**
- **Stereo line input for other recording sources (mini jack)**

- **Part cancel feature to reduce guitar/bass or other parts from the playback signal (with selectable range and pan point)**
- **Loop, repeat and single playback**
- **Variable speed playback (−50 % to +16 %)**
- **VSA function (tempo control without affecting the key)**
- **Key control (to tune the playback sound up or down by 1–6 semitones)**
- **Chromatic tuner and oscillator with calibration**
- **Metronome**

General
- **Headphone/Line output (stereo mini jack)**
- **Folder or playlist playback**
- **MP3 ID3 tag display (up to version 2.4)**
- **2-Gigabyte SD card included**
- **USB 2.0 connection for file transfer to/from**

- **Switchable low-cut filter (80 Hz or 120 Hz)**
- **Analogue auto gain control and limiter to prevent clipping**

Guitar/Bass Trainer
- **Direct connection of electrical guitar or bass guitar**
- **Built-in Guitar/Bass multi-effects (55 presets with variable parameters)**
- **Effects can be applied to the input or playback signal**
- **Built-in rhythm machine with 88 preset rhythm patterns**
- **Overdub feature to record to an existing recording or to the rhythm machine**

- **USB 2.0 connection for file transfer to/from computer**
- **128 x 64 graphic LCD with backlight**
- **Rechargable removable Lithium-ion battery**
- **Optionally available:**
  - **BP-L2** replacement battery
  - **PS-P520** AC adapter
  - **AK-DR1** accessory kit (tripod, tripod adapter, microphone stand adapter, wind shield)

Specifications

Audio performance	
Frequency range (LINE IN > LINE OUT)	20 Hz to 20 kHz, +1/−3 dB
Distortion (LINE IN > LINE OUT)	<0.03 %
S/N ratio (LINE IN > LINE OUT)	>90 dB

Audio file compatibility	
MP3 files	32–320 KBit/s 44.1/48 kHz sampling frequency Variable bit rate (playback only) ID3 tag support up to Version 2.4
WAV files	44.1/48 kHz sampling frequency 16/24-bit resolution
Recording medium	SD card (64 MB – 2 GB) or SDHC card (4–32 GB)
File system	FAT16/32

Computer requirements	
Supported operating systems	Windows 2000, XP and Vista Mac OS X 10.2 or later
Windows	Pentium 300 MHz or faster 128 MB or more memory USB port (USB 2.0 recommended, 500 mA bus power required)
Macintosh	POWER PC, iMac, G3, G4 266 MHz or port 64 MB or more memory USB port (USB 2.0 recommended, 500 mA bus power required)
Recomended USB host controller	Intel chipset

Power supply and other specifications	
Lithium-ion battery	3,7 V, 1800 mAh
Battery life	About 7 hours when recording MP3 format with the built-in mic (varies with operating conditions)
Power consumption	1 W (during MP3 playback)
Dimensions (W x H x D, excluding protrusions)	70 mm x 27 mm x 135 mm
Weight	0.208 kg (including battery)
Accessories available for purchase	**PS-P520** AC adapter, **BP-L2** lithium-ion battery, **AK-DR1** accessory kit (tripod, tripod adapter, microphone stand adapter)

Design and specifications subject to change without notice.
Last modified: 2011-06-24 09:32:24 UTC