TASCAM ▶
TEAC PROFESSIONAL

GT-R1
Portable Recorder/Trainer for Guitar and Bass

The **GT-R1** is the ideal recording and practising solution for the guitarist and the bassist. It combines the merits of a Tascam MP-GT1 Guitar Trainer with the recording possibilities of Tascam's successful handheld recorder DR-1, thus offering all new possibilities. By being able to practise and record at the same time, users can now play along to one of 88 preset rhythm patterns or to their favourite song and listen to their efforts afterwards.

Apart from Tascam's popular trainer functions which are a great help in learning tricky passages, the **GT-R1** is loaded with 55 multi-effects that can be assigned to the input or playback signal. Moreover, a built-in stereo microphone and additional connectors make the handy unit a full-featured recorder for any kind of music or spoken word.

Handheld Recorder
- ► Portable, handheld stereo recording
- ► MP3 and WAV file recording and playback to/from SD/SDHC card
- ► Selectable recording formats:
  - – WAV at 16 or 24 bit
  - – MP3 at 32, 64, 96, 128, 192, 256 or 320 KBit/s
- ► 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 microphone input with plug-in power for an external stereo or mono microphone (mini jack)
- ► Stereo line input for other recording sources (mini jack)
- ► 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
- ► 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 modes
- ► 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)
- ► 1-Gigabyte SD card included
- ► 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)

GT-R1
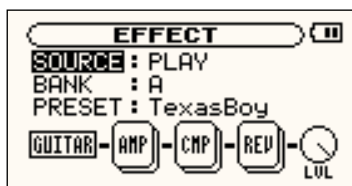## Portable Recorder/Trainer for Guitar and Bass

Specifications

Audio inputs and outputs

GUITAR IN input	6.3-mm mono jack, unbalanced
Nominal input level	−26 dBV (>1 MOhm)
Mic input (MIC IN)	3.5-mm stereo jack (switchable plugin power)
Input impedance	30 kOhm
Nominal input level	−64/−48/−32 dBV (HIGH, MID, LOW), 30 kOhm
Line input	3.5-mm stereo jack
Nominal input level	−10 dBV (23 kOhm)
Headphones/Line output	3.5-mm stereo jack
Nominal output level (Line)	−14 dBV
Maximum headphones output	15 mW + 15 mW (at 32 Ohm)

Audio performance (LINE IN > LINE OUT)

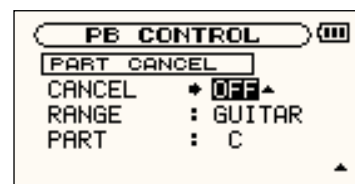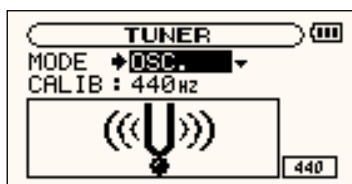|	
Frequency range	20 Hz to 20 kHz, +1/−3 dB
Distortion	<0.03 %
S/N ratio	>90 dB

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

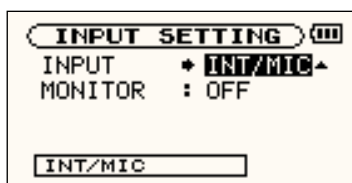|	
Supported operating systems	Windows 2000, XP and Vista, Mac OS X 10.2 or later
Windows	Pentium 300 MHz or faster 128 MB or more memory
Macintosh	POWER PC, iMac, G3, G4 266 MHz or port 64 MB or more memory
USB port	USB 2.0 recommended, 500 mA bus power required
Recomended USB host controller	Intel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

Power supply and other specifications

Lithium-ion battery	3,7 V, 1800 mAh
Battery life (Recording in MP3 format with the built-in mic)	Approx. 7 hours (varies with operating conditions)
Power consumption	1 W (during MP3 playback)
Dimensions (W x H x D)	70 mm x 135 mm x 27 mm
Weight	0.208 kg (including battery)
Accessories available for purchase	PS-P520 AC adapter, BP-L2 lithium-ion battery, accessory kit (tripod, tripod adapter, microphone stand adapter)

55 multi-effects for guitar and bass; Rhythm machine with 88 preset rhythm patterns.

Tuner function (chromatic tuning and oscillator); Part cancelling feature.

Input settings; Overdub function (to mix the input with an existing recording).

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