TASCAM®
TEAC PROFESSIONAL

LR-10

Trainer/Recorder for instruments and vocals

The LR-10 is a trainer/recorder for strings, wind players, keyboardists, vocalists or any other musician and the ideal tool to practise and transcribe your favorite music, record lessons or capture new song ideas. 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 LR-10 has a built-in stereo microphone for recording and a reverb effect for practicing using headphones. Adjust the balance between input and playback signal and play or sing along with the music. The built-in loudspeaker allows instant rehearsal of a recorded piece when used as a musical scratch pad. A tuner and metronome are also included for precision playback, and a footswitch input allows hands-free control of several functions.

The LR-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.

Main Features

- **Compact and light-weight all-in-one instrument/vocals trainer for playing or singing with your favorite songs**
  - Perfect for strings, wind players, keyboardists, vocalists or any other musician
  - Take it anywhere you go
  - Simply record your performance with the built-in stereo microphones
  - Play or sing along with existing songs
  - Capture musical ideas
  - Record over existing songs (overdub)
  - Monitor the mix with headphones while recording
  - Check your recordings with the built-in loudspeaker
  - Digitize your analogue music archives (line input)
- **Tempo control: 50 % to 150 % in 10-% steps**
  - Change the song tempo without affecting the pitch to practise fast phrases
- **Key control: ±6 semi-tones with ±50 cents fine tune**
  - Adjust the key without affecting the tempo to "tune the song" to your instrument or voice
  - 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**

- **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 or singing
  - 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
- **Two options of power supply**

- Instantly jump back by 1–10 seconds during playback
- **Reverb effect**
  - Make your performance more shining
- **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)

- **Two options of power supply**
  - Independent operation with two AA Alkaline or NiMH batteries
  - Long-time operation with optional AC adapter (Tascam PS-P520)

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	2 (stereo)

Audio inputs and outputs

Line input	3.5-mm jack, stereo
Input impedance	23 kOhm
Nominal input level	−10 dBV (INPUT volume at 7)
Maximum input level	+6 dBV (INPUT volume at 7)
Minimum input level	−22 dBV (INPUT volume at 10)
Built-in microphone	Electret condenser, omnidirectional, stereo
Headphones/line output	3.5-mm mini jack, stereo
Output impedance	23 Ohm
Nominal output level	−14 dBV (10 kOhm load)
Maximum output level (line)	+2 dBV (10 kOhm load)
Maximum output power (headphones)	15 mW + 15 mW (32 Ohm load)
Built-in loudspeaker	0.4 W (mono)

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 (Line In to Line Out)

Frequency response	20 Hz – 20 kHz +1/−3 dB
Total harmonic distortion	0.03%
S/N ratio	90 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 using built-in microphone) About 13 hours (WAV or MP3 playback using headphones) About 8 hours (WAV or MP3 playback using built-in loudspeaker)
Ni-MH batteries	About 11 hours (WAV recording using built-in microphone) About 11 hours (WAV or MP3 playback using headphones) About 7.5 hours (WAV or MP3 playback using built-in loudspeaker)
Dimensions (W x H x D)	158 mm x 30 mm x 70 mm

Weight	0.17 kg (without batteries)
Operating temperature range	0–40 ℃

Design and specifications subject to change without notice.