TASCAM
TEAC PROFESSIONAL

MP-VT1
Portable MP3 Music and Voice Trainer

The MP-VT1 is the first MP3 player designed for musicians. Based on the award-winning CD-VT1 MkII, this mobile vocal and instrument trainer has enough memory to store up to 240 songs. Zip through your MP3 collection using a data wheel, dedicated buttons and a graphical backlit display. Tracks and sections can be looped or slowed down without changing the key. And even recorded solo instrument or lead vocal parts can be defeated to help you learn tricky passages of the best bands in the world. Songs can also be pitched up or down to match the tuning of your instrument or vocal range, so you can play in a comfortable key.

The MP-VT1 lets you sing and play along with vocal effects. A chromatic tuner and a metronome are also built-in. A high-speed USB connection is used to load up MP3s and charge the built-in lithium-ion battery giving you up to 9 hours of playback time (an optional power supply is also available).

All of this is packed into a player smaller than a stomp box, so you can carry it anywhere the road takes you.

Main Features

- **MP3 player with integrated microphone preamp and effects**
  - Plug in your mic and sing along
- **1 Gigabyte memory capacity**
  - Plenty of space for your favourite MP3 songs
- **Built-in reverb and echo effects**
- **Voice canceller with selectable pan point and selectable frequency range**
  - Removes center-panned vocals from most songs so you can play along
- **Variable Speed Audition (VSA): +16 to –50 %**
  - Change the song tempo without affecting the key to practice fast parts
- **Pitch control: +16 % to –50 % (while VSA is turned off)**
  - Change tempo and key at the same time
- **Key control: ±6 semi-tones with ±50 cents fine tune**
  - Adjust the key without affecting the tempo to "tune the MP3" to your instrument or vocal range
- **Seamless in-out loop**
  - Practise complex parts over and over again
- **3 play modes**
  - Play a single file
  - Repeat a single file
  - Repeat all files

- **ID3 Tag display**
  - Read title and artist information stored in your files
- **Metronome**
  - Helps you improve your timing (when MP3 playback is stopped)
- **Chromatic Tuner with calibration (435 to 445 Hz) and Oscillator**
  - Tune your instrument precisely - no need for an additional box
- **Input volume control**
  - Adjust the level of your microphone
- **Balance control**
  - Set the balance between MP3 playback and your mic
- **Volume control for headphones**
- **24-bit AD/DA converter**
  - High resolution for audiophile playback quality
- **Lithium Ion rechargeable battery**
  - Up to 9 hours of playback time
- **USB port**
  - For MP3 file import and battery recharge
- **Auto power-off function**
  - Saves battery power when unit is not in use
- **Optional AC adapter**
  - Makes you independent of the battery condition
- **128 x 64 dot matrix LC display**

Specifications

File compatibility

MP3 file format	Mono, Stereo, Joint Stereo, Dual Channel, VBR
MP3 bit rate	32–320 kbit/s

Audio performance

Sampling frequency	44.1 kHz
Frequency response (INPUT −10 dBV to HEADPHONES −10 dBV (32-ohm loaded, INPUT setting: apprx. 7, MIX BALANCE setting: Center)	20 Hz to 20 kHz, +1/−3 dB
Distortion (INPUT to HEADPHONES)	< 0.05 %
Signal-to-noise ratio (LINE OUT)	> 80 dB (0 dBV)

Inputs and outputs

Mic input	6.3-mm jack (unbalanced)
Nominal impedance	>20 kohm
Nominal level	−40 dBV
Maximum level	−20 dBV
Headphone Output	3.5-mm stereo mini jack
Maximum level	20 mW + 20 mW (at 32 ohm)
USB	USB mini connector, Type B (5-pin)

Power supply and other specifications

Power requirements	Internal Lithium-Ion battery (3.7 Volt, to be recharged via USB connection) or optional AC adapter PS-P520
Power consumption	apprx. 1.5 W
Memory	Built-in Flash Memory (1 GB)
File system	FAT16 (recognizes a maximum combined total of 550 files and folders)
Minimum computer requirements	
Windows PC	Windows 2000, Windows XP Pentium 300 MHz 128 MB memory USB port with 500 mA bus power (USB 2.0 recommended)
Macintosh	Mac OS 10.2 or later 266 MHz Power PC (including iMacs, G3 and G4 processors) 64 MB memory
Recommended	USB host controller, Intel chipset
Dimensions (W x H x D)	78 mm x 26 mm x 110 mm
Weight	0.220 kg (including Lithium Ion battery)

Design and specifications subject to change without notice.

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