

DP-03

8-track digital Portastudio



The DP-03 is the successor of the popular DP-02 and even more practical, powerful and compact thanks to its built-in microphones and effective mastering tools. It records two tracks at a time at CD quality to affordable SD/SDHC memory cards and simplifies mixing with dedicated knobs for level, pan, EQ and reverb. When a production is finished, it can be transferred to computer over USB 2.0 or burned to CD using an internal drive.

A pair of inputs can be routed to any tracks, providing condenser microphones with phantom power when required. The DP-03 inputs also include line and instrument level switches for recording sources like drum machines, keyboards, guitar and bass. A tuner and metronome are built in for assembling polished performances. Once recorded, up to eight tracks can be bounced or mixed to a dedicated stereo track.

Like the DP-02 before it, the DP-03 offers dedicated controls for mixing combined with a simple menu interface for editing and other features. New mastering tools like EQ, multiband compression and a normalizer have been added for professional-sounding masters. With so much power in a compact package, the DP-03 makes recording affordable, portable and fun.

Main Features

- **8-track digital Portastudio with CD burner**
- **Recording/playback at 44.1 kHz, 16 bit using SD/SDHC memory card**
- **Simultaneous recording of two tracks**
 - Record in stereo or record two independent mono sources
- **Simultaneous playback of eight tracks**
 - Use dedicated controls on each channel for volume, pan and effect to create a mix
- **Dedicated stereo mixdown track**
 - Mix your song to a stereo file you can burn on CD or transfer to a computer for MP3 encoding
- **Built-in stereo condenser microphone**
 - Create a two-track recording instantly and without cabling
- **Two XLR mic inputs with phantom power**
 - Plug in your favourite studio condenser microphones
- **Two TRS line inputs, one switchable to guitar (hi-Z)**
 - Connect an electrical guitar or bass as well as synths, drum machines etc. directly
- **RCA line output**
 - Connect your monitor amplifier/speakers here
- **Headphones output with level control**
- **Two-band shelving EQ per track and on both inputs**
 - Set the frequencies the low and high EQ knobs
- **Auto punch in/out**
 - Record a marked section while playing or singing without pressing any button
- **Track bounce feature**
 - Use more than eight tracks by creating a mixdown of several tracks to another track
- **Workstation-style editing with copy, move, open, cut etc.**
 - Edit your tracks like a pro: tighten your timing, create loops, cut unwanted noise etc.
- **Multi-level undo/redo history**
 - Undo/redo multiple steps in case you have made a mistake (including the editing functions)
- **Location marks**
 - Set marks to easily locate the start of verses, soli, vocals etc.
- **Built-in tuner and metronome**
- **On-board CD/CD-RW burner**
 - Create audio CDs from your mixes
 - Backup/restore your projects
 - Import files from audio CDs
- **USB 2.0 port**
 - Backup/restore projects or import/export wave files from/to a computer
- **Nine 45-mm faders**
- **Selectable foot switch operation mode**
- **Foot switch with three switches and assignable functions available as an option**

cut or boost depending on your sound sources

(RC-3F)

- **On-board Reverb processor to polish your mixes**
- **On-board mastering effects**
 - Get the most out of your mix with two-band EQ, single/multi-band compression and a normalizer to maximise the overall level and improve the sound density

Specifications

General

Recording media	SD card (512 MB – 2 GB) or SDHC card (4–32 GB)
File system	MTR partition: TASCAM original FAT partition: FAT32
Microphones	2 x Omni-directional condenser microphone

Analogue inputs and outputs

Inputs A and B, balanced	XLR
Nominal input impedance	2.4 k Ω
Nominal input level	-16 dBu
Maximum input level	0 dBu
Input A, balanced	6.3-mm TRS jack
When INPUT A switch is set to MIC/LINE	
Nominal input impedance	≥ 10 k Ω
Nominal input level	+4 dBu
Maximum input level	+24 dBu
When INPUT A switch is set to GUITAR	
Nominal input impedance	≥ 1 M Ω
Nominal input level	-2 dBV
Maximum input level	+14 dBV
Input B, balanced	6.3-mm TRS jack
Nominal input impedance	≥ 10 k Ω
Nominal input level	+4 dBu
Maximum input level	+24 dBu
Line Output	RCA (unbalanced)
Nominal output impedance	1 k Ω
Nominal output level	-10 dBV
Maximum output level	+6 dBV
Phones Output	6.3-mm stereo jack
Maximum output power	40 mW + 40 mW (THD+N: ≤ 0.1 %, into 32 Ω)

Other inputs and outputs

USB port	Mini-B type USB connector
Format	USB 2.0 HIGH SPEED, mass storage class
REMOTE port	2.5-mm jack (for RC-3F footswitch)

Audio performance

Frequency response	20 Hz – 20 kHz, +1 dB/-3 dB
Signal-to-noise ratio	≥ 90 dB
Total harmonic distortion	≤ 0.01 %

Computer requirements

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

External power adapter	TASCAM PS-1225L (included)
AC input	100–240 V AC, 50/60 Hz, 1 A
DC output	12 V, 2.5 A

Power consumption	10 W
Dimensions (W x H x D)	290 mm x 54 mm x 207 mm
Weight	1.8 kg
Operating temperature range	5–35 °C

Design and specifications subject to change without notice.

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