

DP-32SD

32-Track Digital Portastudio



The DP-32SD is a home recording Portastudio with 32 tracks based on solid-state technology. The unit is equipped with colour LCD and channel strip controls to make recording simple so the user can stay creative. Up to eight tracks can be recorded at a time on a standard SD/SDHC memory card through its XLR and 6.3-mm combo jacks. Input processing like compression and limiting, an internal send effect with reverb, delay and chorus, guitar amp simulation and multi-effects for use with the instrument-level input as well as an external effects send are available during recording.

For mixdown, the DP-32SD offers 20 channel faders and 12 rotary controls for EQ, Pan and effects including reverb and chorus. During the mastering process, the material can be further optimized with EQ, compression and normalization. Once finished, songs can be transferred to computer over USB to publish the songs on the Internet, for example.

Details

Eight XLR/TRS inputs, eight-track simultaneous recording, 32 tracks playback



The DP-32SD has eight XLR-TRS combo inputs. You can record up to eight sources at one time and use up to 32 tracks for playback and mixing. Electrical guitars and basses can be connected directly to input H when set to GUITAR.

3-band EQ for each input and track



The semi-parametric equalizers for each track and each input are independent from other effects so you can control the sound of each track like any professional sound engineer. There's even a Q control to manipulate the bandwidth of a certain frequency range.

Full-colour LC display and illuminated buttons for increased visibility



An 8.9-cm (3.5") LCD screen and self-illuminated buttons make it easy to view your entire creative process. Whether you press SOURCE and SELECT buttons to assign an input to a track, or use the REC and MUTE buttons to enable recording or mute a track – you are always aware of the situation, even with little ambient light.



12 rotary knobs are linked to the LCD through their colour-coding to quickly control settings such as EQ, PAN, effect send and other related parameters.

21 faders eliminate the use of fader layers

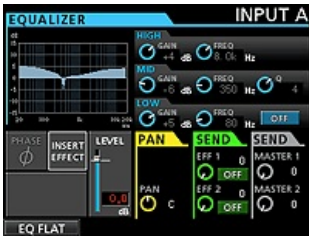


The DP-32SD has 12 tracks that are selectable between mono and stereo. Use a stereo track for recording synthesizer, or set the track to mono when recording guitar or vocals. Not only that, you can create ideal settings for each track. If all tracks are set to mono, the DP-32SD becomes a 20-track multi-track recorder.

Even with its high number of tracks and features, the DP-32SD is one of the easiest multi-track recorders in the market to use. 20 track faders and one master fader allow instant access to any track without selecting pages or

fader layers.

Dynamics, effects, mastering and normalizing – all within the same device



You can use up to eight dynamics effects at once, one for each input source. Choose from Compressor, Noise Suppressor, De-Esser and Exciter. For example, utilize the built-in compressor for your bass, guitar and drums tracks. There are also guitar multi-effects including Noise Suppression, Amp Simulation, Compression, Chorus, Flanger, Phaser, Tremolo, Auto Wah, and Delay. And you can use effects like Reverb, Delay and Chrous for any track by using its SEND knob.

Note: When the mutli-effects processor is used, only four dynamics effects are available. The stereo reverb on Send/Return 1 is always available.



Take your stereo master file to the next level of quality

You can create a master track without using a computer with the DP-32SD's mastering tools. You will find a 3-band equalizer, a 3-band compressor and three normalize settings for adjusting peak amplitude.

Solid-state media ensures confident recording and easy extensibility



The DP-32SD utilizes SD/SDHC cards as recording media which are maintainance-free and provide secure shock resistance due to the absence of any moving parts. If you need more recording space, simply put in a new SD card.

File format is FAT 16 or FAT 32, so you can access your recorded files on your computer when connected via USB. You can also import audio files recorded elsewhere to mix them with your Portastudio files.

Features at a glance

- 32-track digital Portastudio
- 8 mono tracks, 12 tracks selectable between mono and stereo, 21 faders
- Simultaneous playback of 32 tracks
- Simultaneous recording of 8 tracks
- 44.1 kHz or 48 kHz sampling rate, 16 bit or 24 bit resolution
- 8 XLR/TRS combo connectors for inputs
- Phantom power supplied on all inputs (switchable A–D, E–H)
- Instrument-level input for direct recording of guitar or bass
- Inputs A–H and each track equipped with 3-band EQ
- Colour LC display and 12-encoder channel strip for simple operation
- Dedicated controls for EQ, pan and effect sends
- Peak-hold function for level meters on display
- Stereo RCA output
- 2 effect send outputs (6.3-mm TS jack)
- Headphones output with 70 mW per channel
- Remote connector for optional RC-3F footswitch to enable hands-free control of several functions
- Automatic punch in/out

- Track bounce function
- 8 virtual tracks per track for alternative takes
- Up to 99 locate marks per song
- Various edit functions (copy insert, copy paste, move insert, move paste, open, cut, silence, clone track, clean out)
- Editing on sub-frame level
- Undo and Redo function with undo history
- Dynamics effects for input (Limiter, Compressor, Noise Suppressor, Exciter)
- Guitar multi-effects (Noise Suppression, Amp Simulation, Compression, Chorus, Flanger, Phaser, Tremolo, Auto Wah, Delay)
- Mix-down effects (Reverb, Delay, Stereo Chorus)
- Mastering tools (Equalizer, Multi-band Compressor, Normalizer)
- Chromatic tuner
- Metronome
- File transfer via USB 2.0
- Dedicated AC adapter included (GPE248-120200-Z)
- Solid-state recording to SD cards for better shock resistance than hard drive recording
- SD card included
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Supported Operating Systems

Windows

- Windows 10 (November 2019, version 1909)
- Windows 8
- Windows 7
- Windows Vista
- Windows XP

Mac

- OS X Mountain Lion (10.8)
- OS X Lion (10.7)
- OS X Snow Leopard (10.6)

Options



RC-3F: Footswitch

Related products



Model 24: 22-Channel Analogue Mixer With 24-Track Digital Recorder



DP-24SD: 24-Track Digital Portastudio



DP-03SD: 8-track Digital Portastudio

Specifications

Recording media and file systems

Recording media	SD card (512 MB to 2 GB) SDHC card (4–32 GB)
File system	SD card (512 MB to 2 GB): FAT16 SDHC card (4–32 GB): FAT32

Analogue audio inputs and outputs

MIC/LINE INPUTS A–H, XLR (balanced)

Connector	XLR-3-31 (1: GND, 2: HOT, 3: COLD)
Input impedance	2.4 k Ω
Nominal input level	–14 dBu
Maximum input level	+2 dBu

MIC/LINE INPUTS A–H, phone jack (balanced)

Connector	6.3-mm TRS phone jack
Input impedance	>22 k Ω or 1 M Ω (INPUT H, when LINE-GUITAR switch is set to GUITAR)
Nominal input level	+4 dBu
Maximum input level	+20 dBu

STEREO OUT L/R connectors

Nominal output level	–10 dBV
Maximum output level	+6 dBV
Output impedance	200 Ω

EFFECT SENDS 1/2 connectors

Nominal output level	–10 dBV
Maximum output level	+6 dBV
Output impedance	200 Ω

MONITOR OUT L/R connectors

Nominal output level	–2 dBu
Maximum output level	+14 dBu
Output impedance	200 Ω

PHONES connector

Maximum output power	70 mW + 70 mW or more (THD + N 0.1% or less, 32 Ω load)
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Other inputs and outputs

USB connector	USB 4-pin mini-B type
Format	Mass Storage Class USB 2.0 High Speed
REMOTE connector	2.5-mm TRS jack

Audio performance

Frequency response	20 Hz to 20 kHz, +1/–1 dB (MIC/LINE INPUT to STEREO OUT/EFFECT SENDS/MONITOR OUT)
Distortion	≤0.01 % (MIC/LINE INPUT to STEREO OUT/EFFECT SENDS/MONITOR OUT)
S/N ratio	≥90 dB (MIC/LINE INPUT to STEREO OUT/EFFECT SENDS/MONITOR OUT)

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Operating system requirements

Windows	Pentium 300 MHz or faster 128 MB or more memory
Mac	Power PC, iMac, G3, G4 266 MHz or faster 64 MB or more memory
Recommended USB port	USB 2.0
Recommended USB host controller	Intel chipset

Power requirements and other specifications

Power supply	AC adaptor (GPE248-120200-Z)
Power consumption	12 W (Phantom power on)
Dimensions (Width x Height x Depth, excluding projections)	514 mm x 101 mm x 337 mm
Weight	6.2 kg
Operating temperature	5–35 °C

Design and specifications subject to change without notice.

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TEAC Europe GmbH

Bahnstrasse 12
65205 Wiesbaden
Germany
Tel: +49 611 7158-0

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