

TASCAM DR-05 24-bit/96kHz Digital Recorder with Omnidirectional Microphones

TASCAM's **DR-05** brings high-quality stereo recording to an easy-to-use portable powerhouse with a size and price that anyone can handle. The DR-05 records in MP3 or WAV format – including 96kHz/24-bit high-resolution audio – to microSD or microSDHC media. A pair of all-new microphones handles up to 125dB SPL with the sensitivity to capture every detail. With new recording features like Peak Reduction and Quick Menu, the DR-05 puts album-quality recording in the palm of your hand.

Premium-quality Sound

Everything about the DR-05 is designed to get the best quality recordings of your music. A new pair of built-in microphones withstands up to 125dB SPL – the volume of a jet plane from 200 feet away – yet still have the sensitivity to capture every detail of a performance. You can add your own microphone or line-level source through the 1/8" stereo input, including plug-in power for microphones that need it.

Internally, the DR-05's digital and analog circuit boards are built separately to increase noise performance, with a low-impedance design to further decrease hiss. A separate power supply is sent to the A/D and D/A converter for even better audio performance. The result is clean sound quality – over 92dB signal to noise ratio, under 0.05% total harmonic distortion and 20Hz to 40kHz response (-1/+3dB) at 96kHz/24-bit resolution.

Simple to Operate

The layout of the DR-05 has been revamped to be quick and easy to work with one thumb. Operations like recording, adjusting levels, deleting bad takes and adding markers are just a button press away. Dig deeper to find features like limiting, low cut filtering, a built-in chromatic tuner and more.

One new feature that makes the DR-05 easy to operate is the new Peak Reduction feature. This setting automatically sets your recording level by listening to the input and adjusting for the best level. Unlike Auto Gain settings, this one only goes down to prevent accidental distortion after a period of low level like a break. Peak Recording works in rehearsal mode or in record, so if the performance is louder than the soundcheck you're still safe. Used with the built-in limiter, it's unlikely you'll distort your career-making live recording.

Other classic TASCAM features are included, like Variable Speed Audition to loop and slow down music without changing the pitch – perfect for transcribing or learning new music. A Level Align function can be switched on for playback, to smooth out any sudden volume jumps, and a built-in speaker is also provided. The two AA batteries are enough to power the recorder for 17 1/2 hours, even while recording at CD quality.

For musicians and recordists at any stage of their career, there's no easier way to get great-sounding recordings than TASCAM's DR-05.

Features

- Stereo condenser microphones for lively, high-quality sound and high-resolution recording
- Proven high sound pressure design for capturing loud sounds of up to 125dB SPL, making it ideal for loud band recordings
- Peak reduction function that detects peaks and automatically sets the optimal level
- Self timer recording function
- Seamless gain control
- Three low cut filter levels that cut unnecessary low frequency noise such as from air conditioning equipment(40/80/120Hz)
- Speed change (VSA) function for adjusting the speed from 0.5 to 1.5 times (in 0.1 increments), which is great for practicing music and language study
- Level align feature that prevents uneven volume levels
- Equalizer setting for adjusting playback sound quality
- Divide/delete functions
- Loop/repeat playback function that is convenient for practicing music and studying languages
- Resume function that retains the last stop position and starts playback from that position when power is turned back ON
- Jump back and play that skips back a preset number of seconds during playback (1 to 10 sec in 1 sec increments, 10 sec, 20 sec, 30 sec)
- QUICK menu button for easy access to various functions
- High-quality 24-bit/96kHz WAV/BWF linear PCM recording and long recordings as MP3 files possible
- microSD/microSDHC cards can be used as recording media
- A 4GB microSD card is included. Up to 149 hours of recording is possible with the included card (MP3 at 32kbps)
- Mark function that can set up to 99 points for a single track Mark information can be utilized by BWF compatible software
- Audio files created on computers can be played (Only in formats compatible with this product)
- Built-in monaural speaker with an output of 0.3W
- Pre-recording buffer that can record up to 2 seconds prior to starting recording
- When a predetermined maximum file size is reached, a new file is created to continue recording
- Track increment creates new files at arbitrary locations during recording
- File name format can be set to use a user-defined word or the date
- The first six characters of the file name for recording can be set freely
- Playlist function
- A chromatic tuner is equipped which is helpful for practicing musical instruments
- Stereo mini headphone jack for external stereo microphones (provides plug-in power) / External line input
- Stereo mini headphone line output / Headphone output connector

- 128x64 pixel graphic LCD with backlight
- High-speed file transfer to a computer is possible using USB 2.0
- Powered by 2 AA batteries, USB bus power, or optional AC adapter (PS-P515U)
- Mini USB cable included
- Tripod attachment screw-hole built in to the unit