TASCAM DR-40X Four Track Digital Audio Recorder and USB Audio Interface

Versatile four-track audio recorder

Versatile four-track audio recorder for cinema, music, podcasting and any other application. Easy-to-use compact design with a high-performance feature set and versatile audio I/O, all to produce professional content.

Professional Deal for live capture: line level input

Dual Neutrik® XLR/TRS combo jacks support both mic-level and +4dBu line-level. These inputs can accept balanced microphone or line level from Mixers or the FOH console. The microphone preamp includes +48V phantom power and plenty of gain for detailed recordings with condenser microphones, as well as electret type microphones. Using the stereo built-in microphones, you can capture ambient sound of the audience while recording direct from an external console, which is ideal for capturing live performances.

Wide covering range:
from whispering voice to jet engine

DR-40X allows high-quality recording with its stereo built-in condenser microphones. Every detail is captured from small whispers to loud sounds up to 125dB SPL. These built-in microphones are adjustable unidirectional microphones for recording in an X-Y pattern for tight stereo imaging, or in an A-B pattern for a more ambient recording.

Simple operation

The layout of the DR-40X 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.

Choose your language

Menu display of dr-40x supports 10 languages:
English/ Spanish/ French/ Italian/ German/ Russian/ Chinese/ Korean/ Japanese/ Portuguese

Extended battery life

dr-40x uses only two AA batteries and has ultra-long battery capability. When using built-in microphones, recording lasts 17.5 hours when recording with standard 2ch WAV, 44.1kHz/ 16bit format using alkaline batteries.
Also dr-40x can be powered by a USB mobile battery as well for super long extended use.

Turning your room into a studio – in a minute

Connecting to a PC using USB Audio interface mode, and DR-40X becomes a tool for voiceover work, live streaming and songwriting with studio-quality audio. Built-in microphones work as USB microphones.

Back up your transcription work: record and play with one unit

Writing down what you hear – Easier said than done, but it is actually easy with DR-40X. In addition to its capability to capture crisp voice recording, DR-40X can help you with its Jump back function, variable Speed function and equalizer preset for human voice.

Four-track recording mode gives you several options to record

In addition to normal stereo channel recording and Dual Recording mode, DR-40X has "4CH Mode" that can record two different stereo feeds simultaneously. The combination of the sources are flexible; recording the built-in microphones along with a pair of external Mics such as close-up and ambient microphones, or recording the built-in Mics along with a balanced line input such as the feed from a mixer along with the sound in the room.

Safety track for unpredictable situation

Film-makers and videographers often experience sudden audio volume spikes during filming. An actor could suddenly scream, or a documentary subject could do almost anything.
DR-40X has a Dual Recording mode that captures a copy of your take but at a lower level, as a safety track in case of sudden distortion. Also, Auto recording function can detect the sound input signal level and automatically start recording. The Pre-recording function with up to 2 seconds pre-record provides fail-safe protection.

Still safe if it is louder than you thought

Peak Reduction works in rehearsal mode or in record. Even if the sound or performance is louder than the sound check you're safe. Combined with Auto level and Limiter for preventing distortion, you never have to worry.

No need to go through "take 2" all over again

If you don't like the last part of a phrase you just recorded with your guitar, or if you change your mind and want to rephrase narration, the "Overwrite mode" is exactly what you need. Overwrite mode allows punch-in recording from a desired point. It is destructive editing with one level of undo.

Nondestructive Overdubbing

The overdubbing function allows for Overdub Recording while playing a previously recorded file. This allows you to record other parts such as a guitar solo over a recording previously made such as at a rehearsal studio. Overdubbing creates a new file, leaving the original file unaffected, making it easy to re-record.

192 Hours. This is how long you can record CD-quality sound with single SDXC card

DR-40X support a SDXC card, which can record longer with larger data capacity. If you record one stereo file in 44.1kHz/ 16bit CD quality, 128GB card holds 192 hours maximum. In MP3/ 320kbps, it can record up to 896 hours. (that is 37 days!).

Features

- High-quality unidirectional stereo condenser microphones that can record in A-B and X-Y positions
- XLR/TRS inputs compatible with +4dBu line level / +48V
- 4-channel mode that can be used for dual recording and nondestructive overdub recording, etc.
- Support multiple languages for menu (ENG/FRA/DEU/ITA/ESP/RUS/PRT/JPN/CHI/KOR)
- Overwrite function for Punch-In recording with one level of Undo
- Functions as a 2in/ 2out USB Audio Interface for Mac, PC or iOS recording
- Dictation mode designed for human voice recording and transcription
- MS decoding function making it possible to use M-S microphones
- Optional RC-3F foot switch and RC-10 wired remote control can be connected
- Long-time operation of maximum 18 hours is possible using just the internal batteries
- Reverb effect
- Auto recording function
- Proven high sound pressure design for capturing loud sounds of up to 125dB SPL
- Peak reduction function that detects peaks and automatically sets the optimal level
- Self timer recording function
- Seamless gain control
- Low-cut filter with three levels (40/80/120Hz)
- Speed change (VSA) function for adjusting the speed from 0.5 to 1.5 times (in 0.1 increments)
- Level align feature that prevents uneven volume levels
- Equalizer setting for adjusting playback sound quality
- Divide/delete functions
- Loop/repeat playback function that is convention 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 playback function that skips back a preset number of seconds during playback
- QUICK menu button for easy access to various functions
- High-quality 24-bit/96kHz WAV/BWF linear PCM and MP3
- SD/ SDHC/ SDXC (up to 128GB) can be used for recording media
- Mark function that can set up to 99 points for a single track
- 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 line output / Headphone output connector
- 128×64 pixel graphic LCD with backlight
- High-speed file transfer to a computer using USB 2.0
- Powered by 3 AA batteries, USB bus power, or optional AC adapter (PS-P520E)
- Rubber feet for improving acoustic properties during desktop recordings are included
- Tripod attachment screw-hole built in to the unit