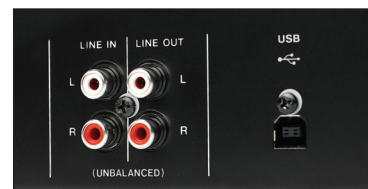


TASCAM 202mkVII Dual Cassette Recorder

SPEC SHEET



TASCAM'S 202MKVII DUAL CASSETTE DECK

is the latest generation of the company's professional cassette recorders. Coveted for their reliable performance, comprehensive feature set, and audio quality, the 202 series has long been the leading choice for recording studios, organizations, audio/music enthusiasts, and other professional applications.

The 202mkVII's most noteworthy new feature is a rear-panel USB output that enables recording and archiving cassettes to digital media. A front-panel ¼-inch, high-impedance (200 kΩ) microphone input with dedicated level control enables live input to be mixed with Tape 1 audio and recorded, in real time, to Tape 2 for karaoke and voiceover applications. The mic input also can accept line-level signals. In addition to the USB output, the rear panel provides stereo analog line-level input and output on unbalanced RCA connectors. A ¼-inch stereo headphone output with dedicated level knob is conveniently located on the front of the unit.

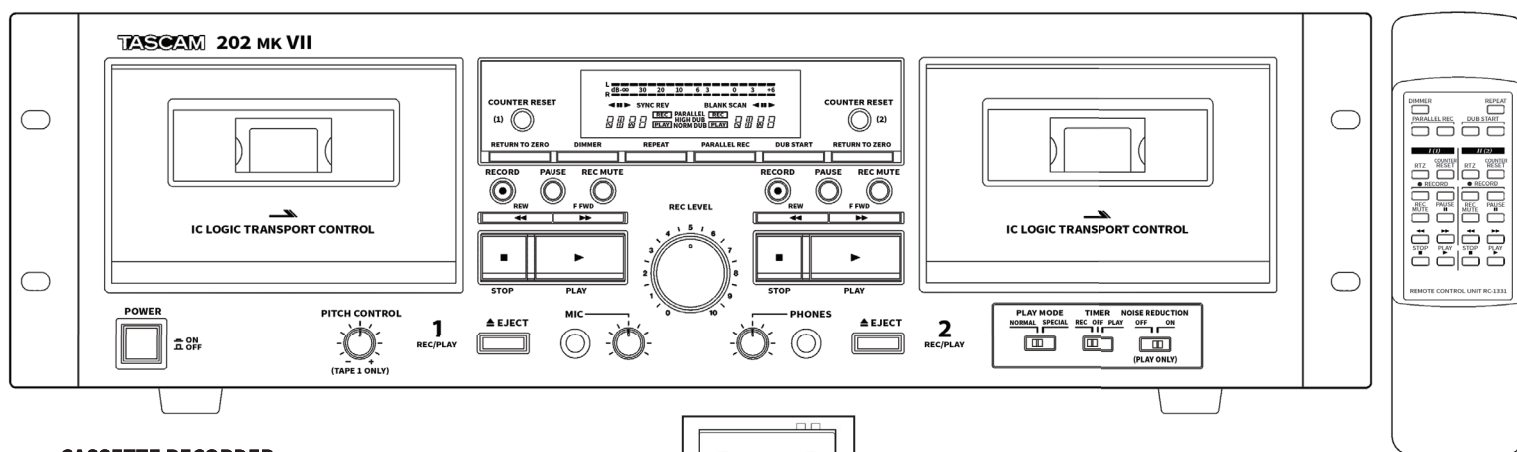
The dual twin-head cassette decks can record and play back independently, including recording simultaneously

to create two tapes with the same source. Among other applications, this enables simultaneous creation of a master tape and a copy for distribution, skipping the need to duplicate the master tape. The two decks also provide real-time dubbing at the touch of one button. Tape 1 offers pitch control ($\pm 12\%$) and Tape 2 has a Return to Zero function.

The TASCAM 202mkVII offers two playback modes. Normal playback, as expected, routes sound to the line outputs and headphone output. In Special playback mode, you can monitor the sound from one tape using headphones, while the other tape plays through the line outputs, making it easy to cue another tape. A noise-reduction feature (the equivalent of Dolby B) reduces hiss during playback.

The 3U rack-mountable, professional tape deck supports recording and playback of Type I (normal) and Type II (chrome) cassette tapes, as well as playback with Type IV (metal) tapes. A dedicated wireless remote control is included.

Technical Data and Dimensional Drawings



CASSETTE RECORDER

Tracking system: 4-track, 2-channel stereo
 Head construction: Recording/playback head
 (1 each for TAPE 1 and TAPE 2)
 Erase head (1 each for TAPE 1 and TAPE 2)
 Tape speed: 4.8 cm/s
 Pitch control: $\pm 12\%$
 Fast winding time: About 120 seconds for a C-60 tape
 Wow and flutter: 0.25% (WRMS)
 Frequency response

Chrome tape (Type II): 30 Hz – 15 kHz (± 4 dB)
 Normal tape (Type I): 30 Hz – 13 kHz (± 4 dB)
 Total S/N ratio: 59 dB (during maximum recording level input, A-weighted)
 Analog audio input connectors (RCA)
 Nominal input level: -9 dBu(0.28 Vrms)
 Maximum input level: +20 dBu(7.75 Vrms)
 Input impedance: 33 k Ω
 Mic input connector (standard mono jack)
 Minimum input level: -66 dBu(0.388 mVrms)
 Input impedance: 3 k Ω or more
 Analog audio output connectors (RCA)
 Nominal output level: -4.5 dBu(0.46 Vrms)
 Output impedance: 1 k Ω
 Headphone output jack (standard stereo): 15 mW + 15 mW (into 32 Ω load)

USB PORT (TYPE B)

USB 2.0 (Full Speed) standard compliant
 Sampling frequency: 8 kHz, 11.025 kHz, 16 kHz, 22.05 kHz, 32 kHz, 44.1 kHz, 48 kHz
 Quantization bit depth: 8/16-bit
 * 1 dBu = 0.775 Vrms

GENERAL

Power supply

Model for U.S.A./Canada: AC 120 V, 60 Hz,
 Standard 120 plug, 230/120 voltage selector

Power consumption: 22 W

External dimensions (W \times H \times D, including protrusions): 482 \times 138.3 \times 285.8 mm
 (19" \times 5-1/2" \times 11-1/4")

Weight

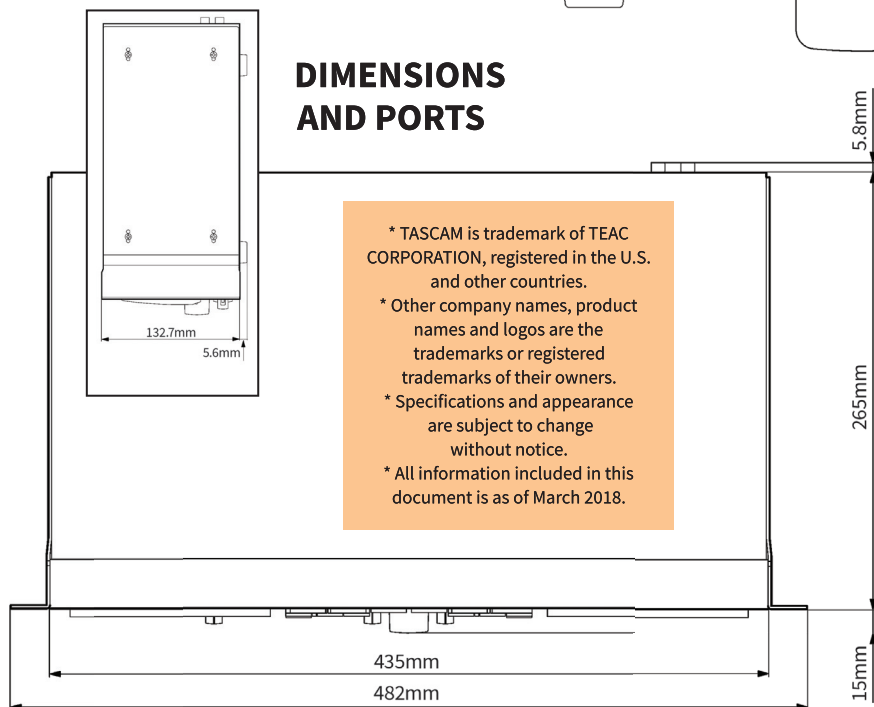
Model for U.S.A./Canada: 5.5 kg (12 1/8 lb)

ITEMS INCLUDED

Remote control (RC-1331)
 Batteries for remote control (Two - AA)
 Rackmount screw kit
 Owner's manual (including warranty)

Note: Rackmount side panels may be removed.

DIMENSIONS AND PORTS



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