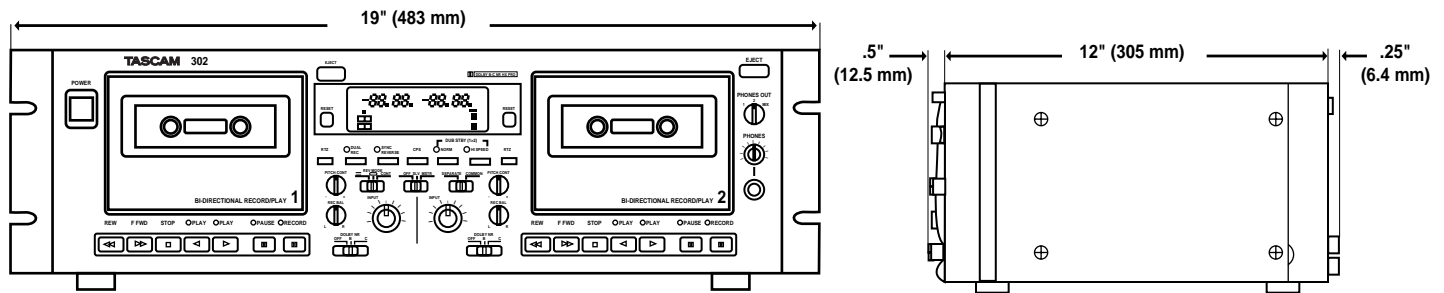


302



Double Your Recording And Dubbing Performance

A single TASCAM cassette deck offers all the high performance features you need for great playback or to produce incredible recordings. For applications where long-capture, continuous or long playback is essential, nothing doubles your performance better than the acclaimed 302 Double Auto Reverse Bi-Directional Cassette Deck from TASCAM. The 302 is actually two fully independent cassette decks housed in a 3U rack-mountable enclosure, elegantly adding a suite of dubbing and duplicating features to your arsenal — without requiring you to invest in additional equipment. It's the perfect choice for recording lectures, sermons, or business meetings, or for extended playback applications such as in restaurants or other contractor installations. Even musicians will appreciate the powerful dubbing features that make fast demo dubbing as effortless as pressing a few buttons.

Incredible Recording And Playback Flexibility

Each of the 302's two decks is capable of recording individually or simultaneously, giving you exceptional flexibility for high speed dubbing, continuous recording or playback, and high quality playback between the two. That's because both built-in decks have independent sets of interface connectors, transport

control keys, noise reduction functions, LED peak meters, and much more. And with such advanced features as Control I/O and Cascade, the 302 can even link with up to 10 additional machines for multiple dubbing or long playing recording and playback applications.

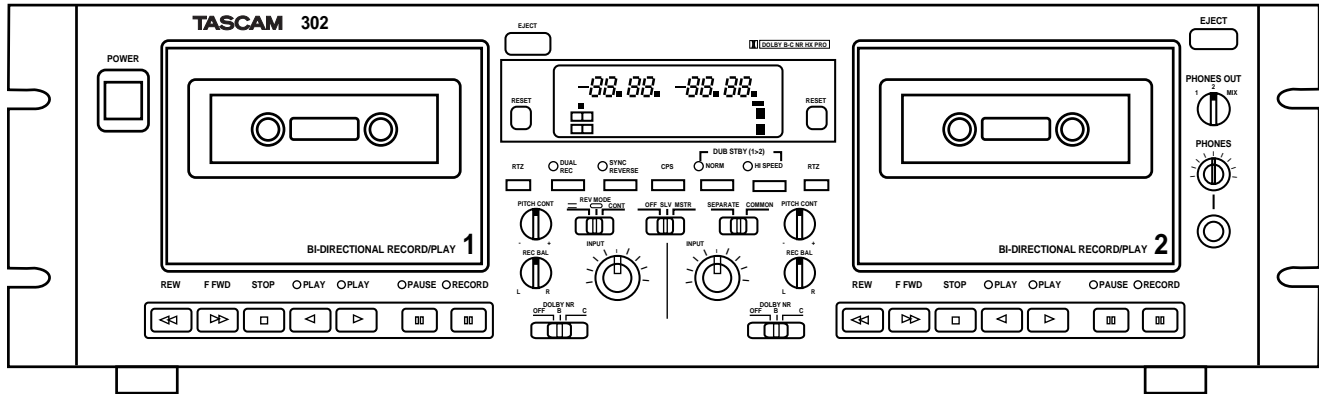
Easy Touch Button Control

You have total control over your decks at your fingertips. REV MODE, SYNC REV and PARALLEL RECord buttons offer programming ease and enable you to access either side of the tape cassette whenever you wish. That means no more constant tape flipping or recording set up. Synchro Reverse dubbing makes two-sided tape recordings a snap, eliminating problems when one side is longer than the other. And Parallel Recording, dubs two cassettes with identical program material simultaneously and with just a push of a button.

High Quality, Tape After Tape

The 302 offers Dolby HX Pro sound technology which extends high frequency performance and minimizes distortion on Normal, Metal, and CrO₂ tape. You can even fine tune the amount of high frequency response on the front-panel control. Of course, the twin LED meters visually offer you the assurance that recording is at optimum levels.

Front Panel-302



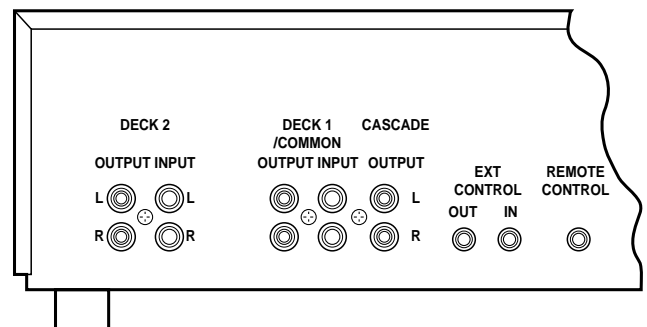
Remote Option For Versatile Convenience

Even with a full scope of easy-to-use features, nothing says convenience like a full featured remote control. The optional RC-302 gives you the power to take care of other studio business while still asserting recording control from wherever you are in the room. The RC-302 offers complete control over all front-end features on both decks.

Power-Dubbing Made Easy

- Normal and High-Speed dubbing
- RECOrd-MUTE and PAUSE buttons let you edit unwanted songs or material on the fly without stopping the source tape
- Synchro Reverse Dubbing is ideal when one tape is longer than the other
- Continuous Recording gives you the ability to use your two decks serially. When one tape fills up, the next kicks in
- Parallel Recording simultaneously dubs two cassettes with identical external program material
- Autospace automatically inserts 4 seconds of silence between songs or broadcast segments

Rear Panel-302



MAIN FEATURES

- Simultaneous recording and playback
- Individual recording and playback
- Independent operation

The followings are provided on each Deck:

- Audio I/O connectors
- Input level control
- Dolby B/C noise reduction
- Dolby HX PRO headroom expansion
- Pitch control
- CPS function
- RTZ function
- MPX filter
- Accurate linear counter
- LED peak Meter
- Sync reverse
- Normal or High speed dubbing
- Continuous recording and playback between Deck 1 and 2
- Parallel recording on Deck 1 and 2
- Headphone out jack with source select switch (Deck 1/2/MIX)
- Built in 3U rack mountable
- Optional wired remote control unit "RC-302"
- Optional Synchro Cable "WR-7000"
- Cascade connector for multiple units duplication system
- Control I/O for continuous and relay recording and playback for multiple units

SPECIFICATIONS

Track System:	4-track 2-channel
Heads Construction:	Deck 1 Erase x 1, Record/Playback x 1 Deck 2 Erase x 1, Record/Playback x 1
Motor Construction:	Two speed DC Servo motor (for capstan) (DC motor (for reel)
Type of Tape:	Compact Cassette Tape C-60 and C-90
Tape Speed:	4.8 cm/sec 9.5 cm/sec (high speed dubbing mode)

Pitch Control:	±10%
Wow and Flutter	(W.RMS) 0.06%, ±0.1% (W. Peak EIAJ)
Frequency Response:	25 Hz~20 kHz (Metal) 25 Hz~19 kHz (CrO2) 25Hz~18 kHz (Normal)
Distortion:	Less than 1.0%, at 1 kHz, 160 nWb/m (Metal)
Signal to Noise Ratio:	59 dB (NR OUT, 3% THD Level, WTD) 69 dB (Dolby B NR IN) 79 dB (Dolby C NR IN)
Channel Separation:	Better than 35 dB (at 1 kHz)
Erase Ratio:	65 dB
Fast Winding Time:	110 sec (C-60)
Input:	RCA jack
Nominal Input Level:	-10 dBV
Minimum Input Level:	-18 dBV
Input Impedance:	36kΩ
Output:	RCA jack
Nominal Output Level:	-5 dBV
Output Impedance:	1.5 Ω
Cascade Output:	RCA jack
Nominal Output:	-8.2 dBV
Output Impedance:	100 Ω
Headphone:	1/4" jack
Output Power:	15mW + 15 mW (Max) 32 Ω
Power Consumption:	30 W

Specifications and features subject to change without notice or obligation.



For more information about other TASCAM
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