

PRODUCT OVERVIEW

TASCAM's 302mkII and 322 cassette decks are sister products, designed to offer the simplicity of a standard dual cassette deck, yet the sophistication for the most demanding A/V installation. These decks are well suited for almost any recording or playback application.

Both decks offer optical leader sensing, allowing the deck to minimize the play or record time lost in reversing tape direction. The decks can operate independently with their own audio I/O, or they can work together for dual recording of a single master. Built-in cascade out and transport logic also allows multiple machines to be used in duplication rigs or logging set-ups.

The 322 adds an RS-232 control port for use with advanced control systems, as well as an optional slot for the LA-322 Balancing Kit.



- 3-U Rack Mountable Advanced Dual Cassette Deck
- Optical Leader Sensing for Quick Auto Reverse
- Both Decks Record Capable for Simultaneous Masters
- Independent Unbalanced RCA I/O For Each Deck
- Common I/O Mode for Saving Inputs On Mixer
- RTZ (Return to Zero) Function on Each Deck
- $\pm 10\%$ Pitch Control Independent for Each Deck
- Headphone Output With Level Control
- Cascade Logic and I/O for Duplication or Logging
- Dolby B and C with HX Pro Headroom Extension
- Normal and High Speed Dubbing Capability
- Auto Music Search Function (CPS)
- RC-322A Wired Remote Standard
- RS-232 Control Port (322 only)
- Optional WR-7000 Cascade Cables
- Optional LA-322 Balancing Kit (322 only)

APPLICATIONS

Meeting Facilities (Boardrooms, Lecture Halls, etc)

The 302mkII and 322 are commonly used in installed sound for meeting spaces because of their flexibility for playback and recording simultaneously. The 322 can record a meeting while playing back a different tape. These are ideal for logging applications as well, since multiple machines can be linked together for longer recording capacity.

House of Worship, Live Theater, Multipurpose Rooms

Many houses of worship are making recordings of their services for members who could not attend. The 302mkII and 322 are ideal decks for this, taking advantage of optical leader sensing to minimize the time lost while reversing tape direction. Since the two wells of the 302mkII can work independently, one well could be used for cueing a tape while the other well is playing. The 322's ability to add the LA-322 Balancing Kit allows direct connection to balanced devices.

Control System Integration

In applications where control systems are being integrated, the RS-232 port on the 322 is perfect. Many designers and installers are using the status information from the RS-232 port to build intelligent automated dubbing systems and logging rigs, or to simply report the cassette status to a touch panel at a lectern. For more basic systems, the wired port on the rear of the 302mkII or 322 offers control from IR/Serial outputs.

Music Educators - Dance Instructors - Health Clubs

Band, Choir, Theater and Dance programs often need to be able to make copies of rehearsal tapes for their performers to practice with. Many competitions for dance and music still require masters to be submitted on cassette. The 302mkII and 322 offer high quality masters and tape speed control (up to $\pm 10\%$). Since the speed control is separate per deck, the speed change can be committed to a separate tape.

SPECIFICATIONS

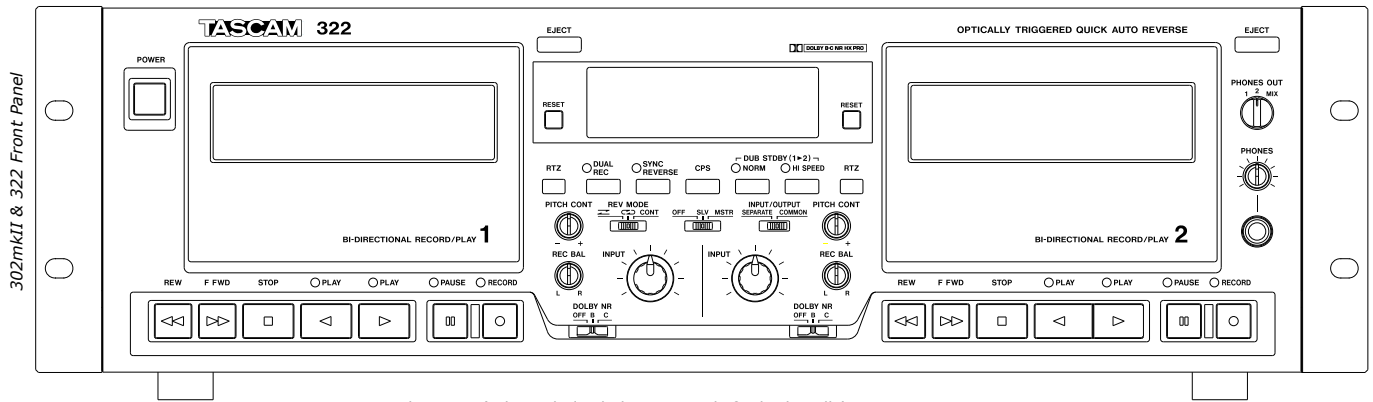
Performance Specifications:

Track System:	4 track, 2 channel stereo
Heads (per deck):	(1) Erase, (1) Record/Reproduce
Type of Tape:	Cassette C-30/60/90, Normal, CrO ₂ , Metal
Tape Speed:	1 7/8 ips, 4.76 cm/sec 3 3/4 ips, 9.52 cm/sec (high speed dub)
Pitch Control:	Approx $\pm 10\%$
Fast Wind Time:	Approximately 120 seconds for C60
Frequency Response:	63Hz-18kHz ± 3 dB Metal 63Hz-16kHz ± 3 dB CrO ₂ 63Hz-16kHz ± 3 dB Normal
Signal to Noise Ratio:	>79dB Dolby C, CCIR ARM >69dB Dolby B, CCIR ARM >59dB Dolby off, 3% THD, Weighted
Wow and Flutter:	<0.15% (WRMS)
Distortion:	<2.5%, 1kHz, 160nWb/m (Metal)
Line RCA Inputs:	-10dBV, 0.3V, 24kOhms
Line RCA Outputs:	-5dBu, 0.6V, 1.5kOhms
Cascade Output:	-10 dBV (0.3V), 100 Ohms
Headphone TRS Output:	7mW/side, 32 Ohms

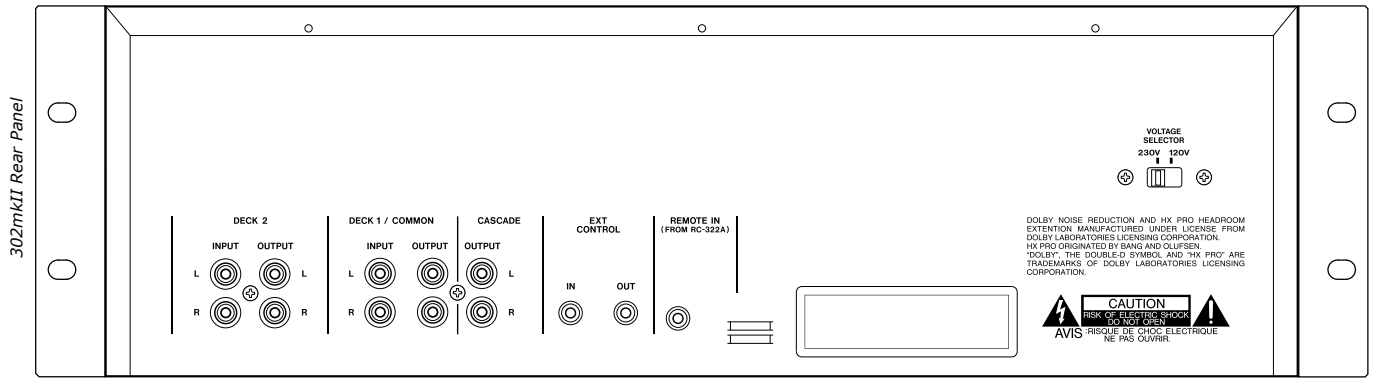
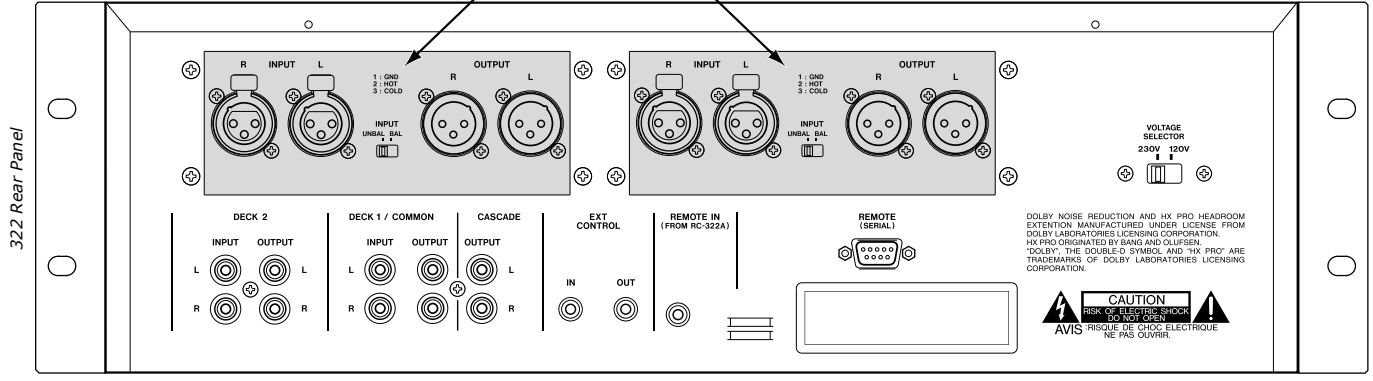
General Specifications:

Power Requirements:	120-230V AC, 50-60Hz switchable (US/Canada/General Export Model) 230V AC, 50Hz (Europe Model) 240V AC, 50Hz (Australia)
Power Consumption:	33W
Dimensions:	483 x 140 x 323.9 mm 19" x 5.5" x 12.8"
Weight:	7.8Kg, 17.19 lbs
Standard Accessories:	RC-322A Wired Remote
Optional Accessories:	LA-322 Balancing Kit (322 only)

FRONT AND BACK PANEL



Optional LA-322 (1 kit includes balancing cards for both wells)



WIRED REMOTE

