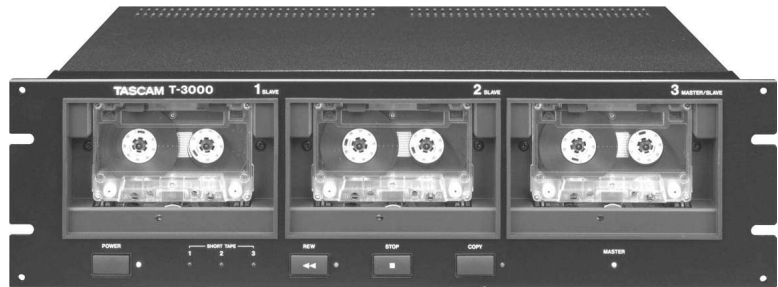


## PRODUCT OVERVIEW

TASCAM's T-3000 is a three well high speed cassette duplicator that fits conveniently into a three rack space chassis. The tape will run at 4x normal speed copying both sides simultaneously (effectively copying a cassette at 8x). Multiple T-3000s can be linked for a mass duplication system, using readily available cables. The cassette wells don't have doors, allowing for easy cleaning and demagnetizing of the heads and mechanism.



- 3-U Rack Mountable Cassette Duplicator
- 4x Tape Speed for Retaining Audio Quality
- Duplicates Both Sides of the Tape Simultaneously
- 60 Minute Tape Duplicates in 7.5 Minutes
- Link Up to 10 Machine T-3000s for 29 Copies at a Time
- Comes with Cables for Linking the Transports of Multiple Machines.
- Easy Access to Cassette Bays for Cleaning

## APPLICATIONS

The T-3000 duplicators are designed for flexibility and regular use. Special heads and motors were developed from the ground up to offer peak performance at high speeds. New logic controls were developed to keep multiple machines locked in time. As a result, the T-3000 is the best sounding, most reliable high speed duplicator anywhere near its price point.

### Studios - Duplication Plants

With sound quality on the T-3000 nearly FM Radio quality, the T-3000 is a wonderful way to offer duplication services for audio books or even simple music demos. The T-3000 eliminated the cassette bay doors to allow quick swapping of tapes when duplicating, as well as easy access to the heads for regular cleaning and demagnetizing. Since it fits in a standard rack mount, you don't have to dedicate odd table space to the duplicators. You can simply put it up in the rack, and have ready access whenever needed. Plus, the fact that it is in a rack adds another level of security for your peace of mind.

### Houses of Worship

Most houses of worship are providing audio copies of their services for members of their congregation who could not attend. The cassette is the media of choice for this group. The T-3000 is perfect since it can be mounted in a roll-around rack, or in a back hall. Locking multiple machines offers much faster and more efficient duplicating of tapes.

Also, since the operation is entirely handled by COPY, STOP and REWIND, it won't require a heavy audio background to run this machine.

## SPECIFICATIONS

### Performance Specifications:

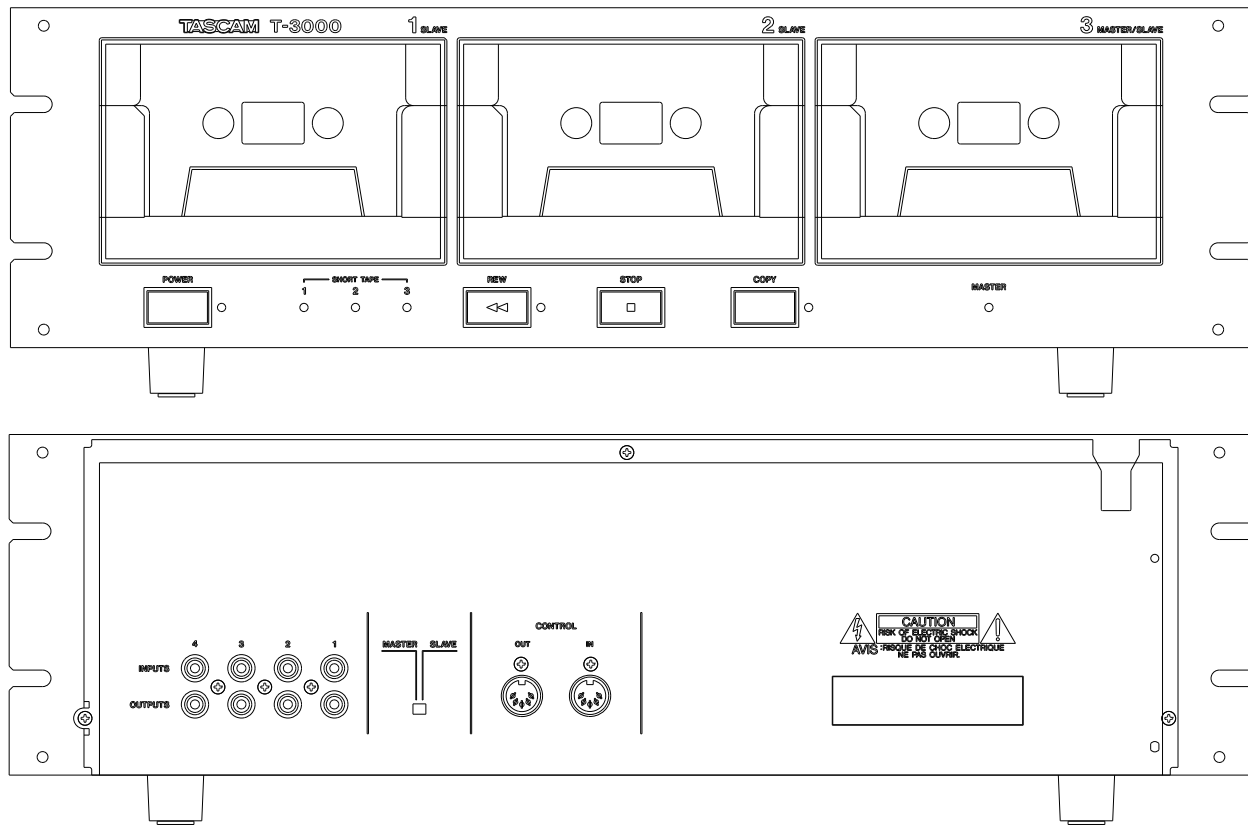
Tape Start-up Time:	≈0.5 seconds before full speed
Copying Speed:	19cm/sec, 7.5ips (4x)
Rewinding Time:	<70 seconds for C60 tape
Frequency Response:	50Hz-10kHz, ±3dB
Signal to Noise Ratio:	>45dB (WTD)
Wow and Flutter:	<0.1%
Bias Frequency:	200kHz
Deck Configuration	
Decks 1 & 2:	Copy Slave
Deck 3	Copy Master/Slave (switchable)
Track Format	4 track, 4 channel
Head:	
Record/Playback:	Ferrite 4 track, 4 channel, in line
Erase:	Ferrite half track, 2 channel
Tape:	Normal or CrO2 (auto switching)
Motor	
Capstan:	FG Direct Drive Servo (x1 per deck)
Reel:	DC motor

### General Specifications:

Power Requirements:	120V AC, 60Hz (US/Canada) 230V AC, 50Hz (Europe/UK) 230V AC, 50Hz (Australia)
Dimensions:	482x152x335mm 19" x 6" x 13.2"
Standard Accessories:	Cables for linking T-3000 transports (RCA cables still needed for linking audio)

The T-3000 is available at:

**FRONT AND BACK PANEL**



**ARCHITECT'S SPECIFICATIONS**

The cassette duplicator shall be a three bay duplicator that can mount in a standard 19" rack mount form. Dimensions shall be 19" x 6" x 13.2" (W x H x D), taking up three standard height rack spaces.

*Metric measurements: 482x152x335mm*

The cassette duplicator shall record to normal or CrO2 tape formulations, copying all 4 tracks of audio on cassette simultaneously at a tape speed of 7.5ips (19cm/sec).

Each mechanism in the duplicator shall have a separate direct drive motor on the capstan for stability. Frequency response shall be maintained from 50Hz to 10kHz, ±3dB.

The cassette duplicator shall support cascading of up to ten like duplicators for a 1 to 29 duplication chain. Cascade ports and transport logic shall be provided on the back panel for this dedicated function. When the duplicator is chained in cascade mode, the master well of the duplicator shall be switchable to be a recording well for maximum flexibility.

**The cassette duplicator shall be a TASCAM T-3000.**

*NOTE: This text is available in a standard text file on TASCAM's Sound contractor CD-ROM. Contact TASCAM for details.*