

A BEAUTIFUL BIG THING LIKE THIS.



The recording tape in a cassette is only an eighth of an inch wide. Cramped into that eighth of an inch may be as many as 64 original tracks mixed down to two. A hundred musicians. Countless overdubbings. Not to mention the entire audible frequency range.

Any cassette deck can reproduce part of what's been put down on that eighth of an inch. The Pioneer 9191 was designed to reproduce all of it. Superlatively. Without dropouts,

unacceptable tape hiss, or noticeable wow and flutter.

Take our tape transport system. Since the tape in a cassette moves at only 1-7/8 inches per second, even the most minuscule variation in tape speed will make a major variation in sound. To guard against this, where most cassette decks give you one motor, the 9191 comes with two. The first is used only for fast forward and rewind, so the second can be designed exclusively for maintaining a constant speed for play and record.

All of our tape drive components—the capstan, belt, and flywheel—are finished to

incredible tolerances. Which give the 9191 the kind of wow and flutter figures that no deck in our price range can match.

Of course, having a great tape transport system means nothing if you don't have great electronics to back it up. We do.

The 9191 comes with an advanced three stage direct coupled amplifier that extends high frequency response and minimizes distortion. The built-in Dolby system can reduce tape hiss by as much as 10 decibels in high frequencies.

Our multiplex filter lets you record FM broadcasts without picking up a lot of unwanted noise, or the multiplex signal every FM stereo station sends out.

Even our ferrite solid tape head offers the

best combination of accuracy and long life you can get in a cassette head.

There's also a peak limiter that lets you cram as much onto a cassette as possible without distortion. Large VU meters and a peak indicator light that let you know if you do begin to oversaturate the tape and distort. Plus separate bias and equalization switches that let you get the most out of different brands of tape. And an automatic C/O selector.

If all this isn't enough, you'll find that the 9191 comes with a memory that lets you go back to a favorite spot on the tape automatically. And electronic solenoid controls for going from play to rewind, or from rewind to fast forward, without hitting the stop button. And without jamming the tape.

There's also the convenience of front loading. A door over the cassette compartment to help keep the tape heads clean. And a light behind the cassette that lets you see where you are on the tape.

Go slip a cassette into a Pioneer 9191 at your local Pioneer dealer.

You'll find it hard to believe such a little thing could come out sounding so big.

- CTF9191 Specifications:**
- Frequency Response:** Standard, LH tape: 25-16,000 Hz (35-13,000 Hz ± 3 dB); CRO₂ type tape: 20-17,000 Hz (30-14,000 Hz ± 3 dB)
 - Signal-to-Noise Ratio:** Dolby OFF: More than 52dB. Dolby ON: More than 62dB (Over 5,000 Hz. Standard and LH tapes/When chromium type tape is used, signal-to-noise ratio is further improved by 4.5dB over 5kHz)
 - Harmonic Distortion:** No more than 1.7% (0dB)
 - Wow and Flutter:** No more than 0.07% (WRMS)
 - Motor:** Electronically-controlled DC motor (built-in generator) x 1; (4.8cm/s speed drive), DC torque motor x 1; (Fast forward and rewind drive)