

TEAC's NT-507T: a USB streaming transport that skips everything else



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TEAC's new Reference 500 Series addition arrives without the one component most streamers take for granted. The NT-507T is a network streaming transport that outputs digital audio via USB only – no internal DAC, no analogue outputs and no S/PDIF outputs.

At first glance, that might seem like a step backwards. But TEAC's reasoning runs deeper. The Japanese manufacturer, which has been at this game since 1953, built the NT-507T specifically to partner with existing high-performance DACs. Think of it as the streaming equivalent of a CD transport – a device that focuses purely on data retrieval and leaves the conversion duties to specialist hardware downstream.

The engineering choices suggest TEAC takes this transport business seriously. They've fitted a linear power supply where many rivals would reach for switching modules. The USB output gets its own independent power supply section. And networking flexibility extends beyond standard Ethernet to include SFP optical input plus Wi-Fi 6 for when Ethernet wire won't reach.

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TuneIn's along for the ride, too. Roon Ready certification is confirmed, as is OpenHome compatibility through TEAC's HR Streamer app. Two USB ports allow for the direct connection of USB storage devices, turning the NT-507T into a basic NAS server when needed.

Here's an interesting wrinkle: TEAC's USB Volume Function lets you control the volume of connected USB DACs directly from the streaming app. That's handy for those running DACs straight into power amps without a pre-amplifier in between.

The obvious partner for the NT-507T is TEAC's own UD-507, a 'discrete' DAC and pre-amplifier that sits in the same Reference 500 Series. But the transport will work with any USB DAC, from a humble dongle to something far more luxurious.

The bigger question: does a dedicated streaming transport make sense in 2025? For those who've already invested in a serious DAC but want better streaming than what a laptop or Raspberry Pi can offer, TEAC's proposition starts to look compelling. Particularly if that linear power supply and isolated USB output translate into audible improvements over generic streaming solutions.

The TEAC NT-507T is priced at US\$2499, €1799 or £1799. Your choice of black or silver. Shipping begins in December.

Further information: [TEAC](#)

