

# R 2500 R

## Multi Source Receiver



Is it possible to attain audiophile sound reproduction without individual components? Can a system be versatile without restricting quality? These questions were foremost in our minds during the development of the R 2500 R. The outcome is a device, which is unmistakably a member of our most enduring range of products - the R series - and yet strikes out on its own. The R 2500 R is one of the first T+A products to employ our third-generation Audiophile Streaming Architecture, which makes it possible to access an unprecedented number of external sources.

## Streaming Architecture – audiophile versatility

The R 2500 R is one of the first T+A devices to adopt our third-generation Audiophile Streaming Architecture: in addition to the highest possible reproduction quality of streaming services such as Tidal, Qobuz and Deezer, the unit provides optimum operating convenience. That is why it includes for the first time the ability to connect streaming apps via Connect services or AirPlay®. Even high-quality DSD files can be streamed in native form by the streaming client, and processed by the R 2500 R without requiring conversion.

## Operation – further optimised, yet familiar

The classic front panel of the R 2500 R demonstrates our established design language of timeless reduction: precisely positioned chamfers endow the unit with a slim but distinctive silhouette, while VU meters give a clear indication of the potential performance of the output stages even at idle. A small number of cleverly assigned buttons provide access to all functions, and make operating the device easy and intuitive.

## Converters and performance

Like all audiophile T+A devices the R 2500 R was designed to benefit from two separate digital/analogue converters: our True 1-bit converter of discrete construction provides native DSD reproduction, while the quadruple converter is responsible for PCM files. This is the only way to exploit the potential of both formats, producing an impressive sound experience.



# Connections

From the very first day of its development the R 2500 R was conceived as the all-purpose command centre of a modern High-End system. That is why it features three digital, three analogue and three HDMI inputs in addition to streaming facilities and a CD mechanism. Its pre-amplifier output also allows active loudspeakers or a separate output stage to be connected.

# Technical Highlights

Sources	CD-drive FM-, FM HD-, DAB+ Tuner Bluetooth Streaming Digital Connecting Board
D/A-Converter	Path Separation Technology for separate processing of PCM and DSD signals with PCM: Double differential quadruple converter with four 32 bit D/A converters per channel up to 768 kSps DSD: T+A True 1 Bit Converter direct DSD signal path up to DSD 512
Output stage	Double Mono „State of the Art“ 100 kHz cut-off frequency, power amplifier 250 W/channel
Streaming Client	Audiophile Streaming Architecture G3 with native DSD Streaming (DSD256), Internetradio, Podcasts, Tidal, Deezer, Qobuz, Apple AirPlay®, Amazon Music, HIGHRESAUDIO, Spotify Connect, Tidal Connect, Roon Ready*, Plays with Audirvana, Gracenote Music ID Services
Inputs	S/P DIF (1x COAX, 2xTOS-Link), LAN, WLAN, HDMI (2xIN, 1xARC), USB DAC, USB HOST, analogue In (1x XLR, 2x RCA)
Outputs	2 pairs of gold-plated heavy duty speaker terminals, Pre Out (1x RCA)

T+A elektroakustik GmbH & Co. KG  
Planckstraße 9 - 11  
32052 Herford, Germany  
T +49 (0) 52 21 / 7676-0  
F +49 (0) 52 21 / 7676-76  
info@ta-hifi.com | www.ta-hifi.com

\* Certification of all streaming services is currently in progress  
Apple, AirPlay are trademarks of Apple Inc., registered in the U.S. and other countries

Technical modifications reserved