

NAIT 50

Product sheet



NAIT 50 is a remaster of the famous NAIT 1 integrated amplifier, released in 1983. Our experts in Salisbury have carefully recrafted this iconic product with the legendary chrome bumper design from the Naim archives. With Naim's class-leading modern technology and adding new features such as a headphone outlet, the NAIT 50 is the essence of Naim Audio.



Input source selectors:
Phono, Stream and Aux

Headphone outlet
(6.35mm jack)



Power amplifier, 25W
per channel (under
8Ω), class A/B

3 inputs: One MM
phono (at 5mV)
and two DIN
(Stream and Aux)

Key points

- **Aesthetically styled on the original NAIT 1**, released in 1983.
- **Full linear integrated amplifier** with 25W class AB power stage.
- **High-end manufacturing** in the United Kingdom.
- **3 input selection buttons.** Locking switches control 3 relays for input selection. This input selection has been significantly improved compared to NAIT 1.
- **Headphone output jack** (6.35mm). This output uses a new preamp/headphone amplifier with a gain of 16dB.
- **Stand-by power 0.5W.** Using two internal power supplies; one is a high quality audiophile linear type, based on a large toroidal transformer. The other is a highly efficient SMPSU for 0.5W power consumption in standby during standby mode.
- **Soft start power-up sequence**, to minimise power-up inrush current.
- **Automatic shutdown after 17 minutes.** Auto-off can be disabled.
- **New MM phono stage with discrete transistors**, for improved sound performance.
- **Aluminium construction** using rectangular extrusion for a chrome bumper style.
- **5mm domed white LED power switch.**



Specifications

Type	Integrated amplifier
Output Power	25Watts 8Ω @0,1% THD+N 40Watts 4Ω @0,1% THD+N 60Watts 2Ω @1% THD+N
Headphone output power	1.5Watts 16Ω
Gain	Phono: +40dB (@1kHz RIAA) Pre-amplication (and headphone): +16dB Power Amplifier: +29dB
Inputs	1 x RCA pair (47kΩ), in MM phono level 5mV 2 x 5-pin DIN (stereo, 47kΩ), line level
MM Phono	47kΩ and 100pF
Frequency response	Line: -3dB @ 4Hz to 45kHz Phono: -3dB @ 6Hz to 30kHz
Peak current in 1Ω (1kHz 1mS)	Peak +/- 15 (peak power at 225W)
THD+N at 2/3 full power 8Ω @1kHz	0.015%
Clipping input signal (maximum volume)	Line: 88mV Phono: 710mV
Signal/noise ratio: ref. 1Watt 8Ω, A-weighted	Line: 80dB, 1V input Phono: 78dB, 5mV input
Signal/noise ratio: ref. 25Watt 8Ω, A-weighted	Line: 93dB, 1V input Phono: 84dB, 5mV input
Crosstalk	Line: 85dB, (at 1kHz, 25Watts 8Ω) Phono: 80dB
8Ω damping factor	36
Typical use consumption	20W
Stand-by mode consumption	<0.5W
Mains supply	115V or 230V, 50/60Hz
Dimensions (H x L x D)	3 ^{3/8} x 8 ^{1/8} x 12 ^{5/8} " (8.7x20.7x32.1cm)
Weight	9.9lbs (4.5kg)