Air Force V Premium

Specifications

Main Unit including built-in motor
Chassis: Precision machined aluminum alloy (A5052)
Silver anodized satin finish 19.0 kg
Platter: Sub platter system, Precision machined aluminum alloy (A5056)
Total 7.0kg
Outer-main platter: black anodized, 4.0 kg
Inner-sub platter: silver anodized, 3.0kg
Total moment of inertia: 734 kg・cm^2
Drive system: Belt-drive, polished polyurethane rubber belt
Motor: 2-phase 4-pole AC synchronous motor built in the chassis
Motor Power Supply: digital rotational control system driven by power amplifier
Rotational speed: 33.3rpm/ 45 rpm
Wow & Flutter: below 0.03%
Dimensions: 312 (W) x 168 (H) x 368 (D) mm
Total weight: 26.0kg
Minimum dimensions for setting up: 413 (W) x 418 (D) mm
Pump/Power Supply / Air Condenser Unit
Power consumption: 50W
Dimensions: 350 (W) 160 (H) 270 (D) mm
Weight: 9 kg
Minimum dimensions for setting up: 350 (W) x 330 (D) mm
Included Accessories
Tonearm Base x 1 (Extra cost may be incurred dependant on the tonearm)
Platter Cover x 1
Optional Items and Accessories
Extra Tonearm Base

TechDAS push back the boundaries of design by successfully preserving all “Air Force” technologies in our most affordable model of the line.

The Air Force turntables feature unique and refined “air” technologies which include our air bearing that allows the platter to flow on a very thin layer of air and mechanically isolates the rotating platter and a record from any vibration, as well as vacuum hold down of an LP onto the platter. With these technologies, the Air Force turntables have distinguished themselves from conventional turntables in terms of sound and performance.

Whilst most turntables on the market deliver a similar sound to the old analog age, analog sound should not remain the same, as we have witnessed decades of advancement in the digital audio sector. We at TechDAS believe that the analog sound we produce has gone beyond previous levels of signal to noise ratios and is more in line with the signal to noise ratios achieved in modern digital audio. Thus TechDAS “Air Force” technologies bring about the ultimate state-of-the art analog sound.

The key feature of the Air Force V Premium - Significantly improved chassis that is precision machined from solid aluminum, just like the upper models in our product line.

Instead of an assembled chassis consisting of aluminum panels as in the original Air Force V, the new Air Force V Premium employs a massive chassis CNC machined from solid aluminum alloy. This results in a significantly improved dynamic range delivered with the much heavier-weight chassis.

The Air Force V Premium - Compact size, affordably priced, and designed to the highest standards.

The Air Force V Premium has been developed to deliver another dimension in analog sound to much more analog enthusiasts at a more affordable price.

The chassis is as compact in size as the Air Force III Premium, and by elaborately reducing motor vibration we have achieved a successful integration of the motor in the plinth. The result is an even more compact turntable without a separate motor unit that can be fitted with up to four tonearms.

It employs a sub-platter system consisting of an inner-sub and an outer platter both precision machined from solid aluminum alloy A5056. With a total weight of 7kg it gives sufficient inertia for smooth and stable rotation. The outer platter surface is black anodized with a gloss hairline finish.

It features a tapered spindle to absorb any swaying of an off center LP. A special thin pad is applied on top of the platter to protect records.

The 2-phase 4-pole AC synchronous motor offers almost the same level of performance as the upper models and is integrated into the main unit with an anti-vibration mechanism optimally designed. The polished drive belt of polyurethane rubber helps achieve a high sound to noise ratio. Furthermore, the air insulator system is the same as that of the Air Force III and offers excellent suspension and isolation from external vibrations.

Stella Inc.
51-10, Nakamarucho, Itabashi-ku, Tokyo 173-0026 JAPAN
www.techdas.jp