

YAMAHA YP400

STEREO TURNTABLE WITH 2-SPEED BELT DRIVE AND AUTO RETURN



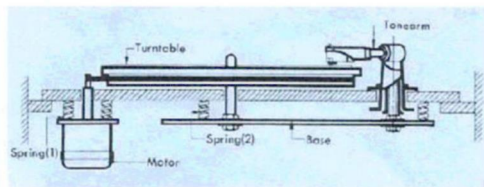
The Yamaha YP-400

Precision-Built Auto Return 2-Speed Stereo Turntable with Belt Drive and Tubular Tonearm

Perfect stereo sound begins with the Yamaha YP-400. Too bold a statement? Not when you consider that all the sounds you hear from a stereo record are influenced from the very beginning by the key component in any stereo system—your turntable. An imperfect turntable will impair sound quality so severely that no amount of sophisticated stereo equipment can ever restore it satisfactorily. But the YP-400 does in fact provide perfectly faithful reproduction of today's high-standard stereo records. Here's how:

Double-Float MVO Mechanism

The YP-400 eliminates all sound-damaging vibrations through the use of several newly-developed engineering marvels. First and most important is the mounting of the entire mechanism in a unique MVO (Motor Vibration Off) system of double-float suspension within the base. In this way, its smooth belt-drive and specially diecast 30cm (12") aluminum platter are insulated from any vibration from the 4-pole hysteresis synchronous motor, as well as from external resonance. This results in a very high 48dB signal-to-noise ratio and unparalleled transparency of reproduced sound.

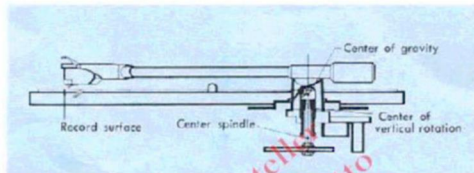


Sure-Tracking Tubular Tonearm

To further ensure accuracy and distortion-free operation, the YP-400 features a J-shaped alloy tubular tonearm of a total-mass-balanced design which has excellent tracking capabilities. Its anti-skating device is the best available and it's fitted with a universal-type plug-in headshell for easy cartridge installation. Stylus pressure can be adjusted from 0 to 3.5 grams in steps of 0.5 grams by rotating the easy-to-read dial. Comes fitted with Yamaha CG-6500 VM (Vertical Magnet) cartridge for long wear.

Low Gravity Center For Greater Stability

Another important factor assuring superb trackability is the fact that the gravity center of the tonearm sets slightly below its vertical bearing, approximately at the same level of height as the record surface and the tip of the stylus. As you can see, this arrangement makes the tonearm extremely stable against vibrations from outside or the vertical trembling caused by warped records. It thus allows the stylus/cartridge to track the record groove faithfully and perform at full potential at all times.

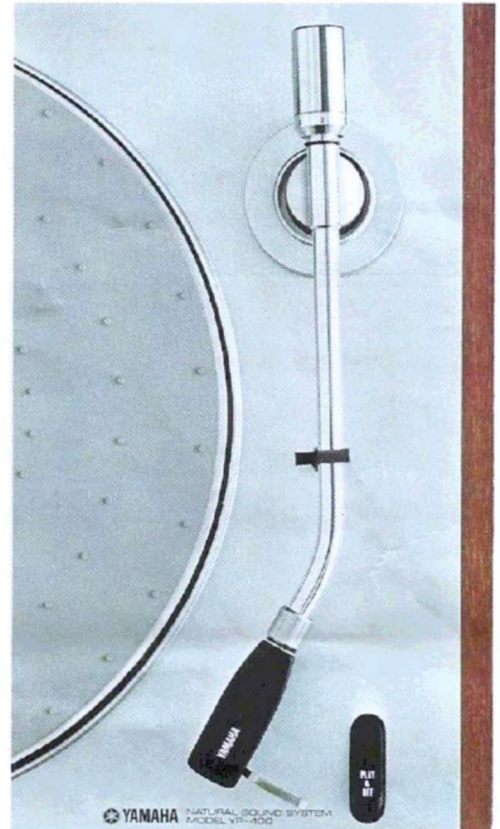


Reliable and Noiseless Auto Mechanism

Your valuable stereo records receive perfect treatment as the YP-400's auto-return mechanism is designed for fail-safe operation. You simply move the tonearm to the edge of the record and press the OFF/PLAY switch once. The tonearm descends gently and automatically as the platter begins to rotate. (If you wish, you may lower the tonearm manually once the platter is engaged.) At the end of the record, the tonearm is automatically lifted, again with the same gentle, quiet operation, and is returned to the tonearm rest. When at rest, the turntable switches itself OFF. Another feature of this auto operation: you may use the OFF/PLAY switch to lift the tonearm at any point during play (Auto-Cut Function).

Handsome Styling

Yamaha's reputation for fine woodworking in its line of world-renowned pianos is no less appreciated when it comes to its stereo components. The YP-400 is mounted in an elegant and sturdy deep-grained base. Special insulation and design totally eliminates base-howl and other unwanted noise.



SPECIFICATIONS

Motor: 4-pole hysteresis synchronous motor
 Platter: 30cm (12") aluminum die-cast
 Speeds: 33 $\frac{1}{3}$ rpm, 45 rpm
 Drive system: Belt drive
 Suspension: M.V.O. double-float
 Wow & flutter: 0.08%
 S/N ratio: better than 48dB
 Tonearm: Total-mass balanced center gravity system
 Total length: 290mm (11 $\frac{1}{2}$ ")
 Effective length: 220mm (8 $\frac{3}{4}$ ")
 Overhang: 15mm (0.59")
 Stylus pressure: 0-3gr direct readout
 Cartridge: Vertical Magnet Type (Yamaha CG6500)
 Stylus: 0.7 mil diamond
 Load impedance: 50k Ω
 Power consumption: 12 Watt
 Dimensions (W×H×D): 440×155×383mm (17 $\frac{1}{4}$ ×6×15")
 Weight: 8.4kg (18.5 lbs)

Specifications subject to change without notice.

For details please contact:

SINCE 1887  **YAMAHA**
 NIPPON GAKKI CO., LTD. HAMAMATSU, JAPAN

A high quality
belt drive
turntable with
auto return



YP 400 TURNTABLE

These days you can buy a lot of relatively low priced turntables; you can even buy quite a few with auto return if you don't want to get up at the end of every record. But what you can't normally buy is a turntable that embodies Yamaha's attention to detail, unless, of course, you take a close look at a YP 400. For the YP 400 will faithfully reproduce today's high quality records and it will treat them incredibly gently while it does so.

The tonearm and turntable are sprung quite separately from the motor and this Double Float method removes vibration or external resonance. The arm is also designed with a lower centre of gravity than usual to make it extremely stable against vibration from outside or from warped records. The entire unit is set on shock absorbing feet and has a smooth counter-balanced lid.

If you don't believe its quality, just go and try a YP 400. Listen to its quiet, gentle mechanism. Take a look at the new Vertical Magnet cartridge which is fitted to its detachable headshell.

We think you'll agree that it isn't just a very pretty turntable indeed. It's a very good turntable indeed.

YP 400 Specifications

Turntable

Motor 4-pole hysteresis synchronous
Platter 12 inch aluminium diecast
Speeds 33 $\frac{1}{3}$ and 45rpm with auto return
Drive System Double float belt drive
Wow & Flutter 0.08%
S/n ratio > 48dB

Tonearm

Type Centre gravity mass balanced J
Stylus Pressure 0-3 grams

Cartridge

Type Yamaha CG 6500 VM series
Stylus 0.7 mm diamond
Tracking Weight 1 $\frac{1}{2}$ - 2 grams
Load Impedance 50K Ω

General

Power Consumption 12 watts
Dimensions 440mm (17 $\frac{1}{4}$ ")W x 155mm (6")H x
383mm (15")D
Weight 8.4 Kg (18.5lbs)