

SPU  
GTX

ortofon  
accuracy in sound

## **Ortofon SPU Moving Coil Cartridge**

Thank you for choosing an Ortofon SPU moving coil cartridge for your turntable.

### **Original**

The original Ortofon stereo cartridge was born in 1958. Ever since, Ortofon SPU cartridge models have shared the DNA from their SPU ancestor, being true to the never compromised original design.

The model in this manual share the authentic so-called “Ortofon Sound” worldwide recognised and related to the Ortofon cartridges.

Refinements on the models have taken benefit from the use of new materials, to gain the outstanding reproduction qualities.

## **Mounting**

All SPU cartridges are designed to bring optimum performance, when the tonearm mounted with the cartridge is adjusted parallel to the record surface, at recommended tracking force.

## **Maintenance**

To obtain optimal sound reproduction, remove dust from the stylus regularly by using a stylus brush. Guide the brush gently forward in the direction of the diamond tip.

From time to time, the cartridge system should be removed from the tonearm, and the gold-plated contact points on the cartridge, and the contact points inside the tonearm, should be cleaned with a small amount of propyl alcohol. This helps to avoid dust or sticky material from resulting in a bad electrical connection.

## **MC Cartridge with Built-in Transformer**

This MC cartridge features an integrated transformer, allowing it to be used with the “MM” (Moving Magnet) input on your amplifier.

## **Special Repair Service**

The stylus is not part of a replaceable assembly on SPU moving coil cartridges. We therefore offer a Special Repair Service for the SPU cartridges, the Special Repair Service is available through our webshop and Ortofon Authorized dealers.

## **Warning**

This phono cartridge is only for mounting on tonearms and must not be used for other purposes.

## Technical Data

### SPU GTX S and SPU GTX E

Output voltage at 1000 Hz, 5 cm/sec.	4 mV
Channel balance at 1 kHz	1.5 dB
Channel separation at 1 kHz	20 dB
Frequency response 20 Hz – 20 kHz	±3 dB
Tracking ability at 315 Hz	60 μm
Dynamic lateral compliance	10 μm/mN
Stylus type GTX S	Spherical
Stylus type GTX E	Elliptical
Stylus tip radius GTX S	R 18 μm
Stylus tip radius GTX E	r/R 8/18 μm
Recommended tracking force	4 g
Tracking angle	20°
Internal impedance [DC resistance]	610 Ω
Recommended load impedance	47 kΩ
Recommended load capacitance	150 – 600 pF
Coil wire material	OFC
Cartridge color	Black
Cartridge weight	38 g

*Above specifications may vary*



Scan and follow the QR code for setup information ([www.ortofon.com/support](http://www.ortofon.com/support)).

**Ortofon A/S**  
Stavangervej 9  
DK-4900 Nakskov

[support@ortofon.dk](mailto:support@ortofon.dk)  
[www.ortofon.com](http://www.ortofon.com)