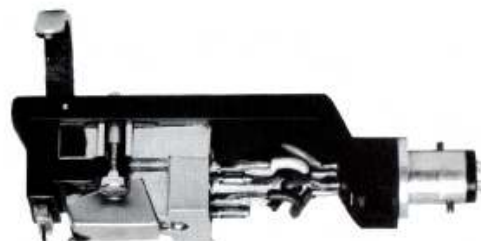


# STAX pickup system

## CP-Y/Type 2



● This super hard, low-mass die cast headshell of copper bearing aluminum has a sleek tapered design with reinforcing rib. Dual guide pins insure a firm bond between head shell and terminal fitting. Weight: 10 g. The four pin terminals are made of oxygen free copper and the leadwire to the cartridge is LC-OFC (linear crystal oxygen free copper) wire.

● The CS-2 Cartridge Stabilizer prevents tracking problems and sound degradation that can occur when disks are warped. The carbon fiber brush helps eliminate static electricity on the disk surface.

## PS-3



EMC-1 EMM-1 ECC-1

● After listening to compact disks it's easy to feel that something is missing from music reproduced on conventional analog disks. This can often be enhanced by choosing equalizers which are matched to the phono cartridge. This was the thinking that went into the development of the three customized "plug-in" equalizers on the SRA-14S. The PS-3 Power Supply shares this same equalizer interchangeability. The three equalizers EMC-1, EMM-1 and

ECC-1 correspond to the MC, MM and electret condenser phono cartridges and are easily inserted into the rear panel of the unit. The highly accurate constant voltage circuit together with the low noise and low impedance characteristics of the

PS-3 insure optimal conditions for proper equalizer functioning. The PS-3 is normally connected to the LINE IN or AUX preamplifier terminal, but superb sound results from analog disks can also be obtained by directly connecting the unit to a power amplifier with volume controller or any of the SRM series drive units.

### PS-3

Output Impedance:	Less than 1 mΩ (1 kHz)
Power Consumption:	Max 15 W
Dimensions:	150(W) x 87(H) x 345(D) mm
Weight:	2.0 kg

### ● CP-Y/Type 2, ECC-1, PS-3

● This is the direct phono pickup system that employs a condenser transducer for conversion of the mechanical stylus vibrations into an electronic signal without any intermediate electromagnetic generating devices. This effectively eliminates all of the problems associated with magnetic pickup (MM, MC, etc.) design, such as:

1. The limits to mass reduction which interfere with trackability.
  2. The adverse influence of cantilever resonance on sound quality.
  3. The hysteresis distortion inevitable in magnetic circuits.
- The new CP-Y features an electret design, so no adjustments are required. This advanced cartridge can be mounted on any high performance tonearm and is as easy to use as conventional MM cartridges. And then further it is improved to Type 2. Improvements have been made in detail: ① lightened the stylus in weight by more than 50% and remodelled to a special line-contact type as well ② shortened the cantilever by 6% ③ highered the mass distribution and the rigidity around sustaining the cantilever ④ propelled more non-magnetization of all the materials of body ⑤ changed the electret electrode to non-oxygen copper plate ⑥ by lowering the resistance of inside wiring etc. filled up the lower range and over full range the sound became tougher and more pliable.

### CP-Y/Type 2

Type:	Electret Condenser Cartridge
Frequency Response:	10 - 30,000 Hz
Output Voltage:	200 mV (using ECC-1)
Channel Separation:	More than 20 dB (1 kHz)
Output Balance:	Within 1 dB (1 kHz)
Compliance:	10 x 10 <sup>-6</sup> cm/dyne
Stylus:	Line-contact Tip
Stylus Pressure:	1.4 g (using CS-1 stabilizer)
Weight:	7.4 g (19.7 g including head shell & CS-1)
Head Shell:	HS - 7/Type 2