

## SAL500F40G

For definitive long-shot precision and spectacular portraits even in low light, this professional G-Series lens raises the standard of DSLR performance. Its 35mm-equivalent 750mm focal length and ultra-bright f4.0 aperture combine for superb results in virtually any light -- and its improved high-speed SSM (Super Sonic wave Motor) auto-focus is fast, accurate and quiet. Plus, the exclusive AR Nano Coating by on lens surfaces cuts reflections for extremely low ghosting and flare.



### **SSM (Super Sonic wave Motor)**

A built-in lens motor for faster automatic focusing with high torque at low speed, quick start/stop response, and quiet, smooth operation.

### **High Performance AF**

Newly developed circuit board in the internal focusing mechanism achieves approx. 4 times faster object tracking performance during autofocusing than lenses using conventional circuit boards. This speed makes the lens perfect for capturing fast moving subjects like athletes and wild animals, including birds.

### **Nano AR Coating**

Sony's Nano AR Coating with nano-precision structure contributes to high-quality images with reduced ghosting and flare. This proprietary Sony coating technology features aligned microscopic asperities that reduce the effects of the reflective interfacial boundary on the surface of the lens, thus dramatically reducing the amount of undesirable reflections entering the lens.

### **ED (Extra-low Dispersion) Glass**

Three precision ED Glass lenses correct chromatic aberrations to provide extremely sharp telephoto images distant subjects as well as dramatic sports close-ups.

### **Internal Focusing System**

Internal lens elements move, so the overall length does not change -- creating an auto-focus zoom lens that doesn't affect the balance of your camera.

### **2 DMF (Direct Manual Focus) Modes**

Allow you to quickly revert to manual focus by just turning the manual focus ring of the lens.

### **Versatile Focus Hold**

Four focus hold buttons in different lens locations, plus electronic slider focus range selector switch.

### **Dust and moisture resistance**

The dust and moisture resistance design makes this lens appropriate for heavy-duty outdoor use, especially when combined with a DSLR that employs weather resistant measures.

### **Lightweight Design**

A strong, light magnesium lens barrel makes shooting more comfortable even on long wildlife or sports assignments.

## Specifications

| Optics/Lens                         |   |
|-------------------------------------|---|
| Lens Type                           | Super Telephoto                               |
| Aperture (Max.)                     | f/4.0   |
| Aperture (Min.)                     | f/32  |
| Focal Length (35mm equivalent)      | APS: 750mm<br>(35mm Equivalent: 500mm)        |
| Filter Diameter                     | 42mm (internal)                               |
| Lens Groups-Elements                | 10 groups, 11 elements                        |
| Minimum Focus Distance              | 13' 2" (4.0m)                                 |
| Aperture Blade                      | 9 blades                                      |
| Distance Encoder                    | Yes   |
| Distance Scale                      | Yes   |
| Lens Weight                         | 7 lbs 10 oz (3460g)                           |
| Non-rotating Focusing Ring          | Yes   |
| SSM Focusing                        | Built-in                                      |
| Tele-converter Compatibility - 1.4x | Yes   |
| Tele-converter Compatibility - 2.0x | Yes   |
| Focus-hold Button                   | Yes   |
| Dimensions (Approx.)                |   |
| Dimensions (Approx.)                | 5 1/2 x 147/16"<br>(140 x 367.5mm)            |
| Weights and Measurements            |   |
| Weight (Approx.)                    | 7 lbs 10 oz (3460g)                           |
| Accessories                         |   |
| Supplied Accessories                | Front and rear lens cap<br>Lens carrying case |

