Let $(M,g)$ be a complete Riemannian manifold. We say that $g$ is spectrally stable if for any compactly supported and sufficiently small two tensor $h$, the Laplacian of $g$ is unitarily equivalent to the Laplacian of $g+h$. The notion of spectral stability was introduced by F. Xavier, who showed the spectral stability for hyperbolic space of dimension at least four. The lecture will provide a proof of the spectral stability of any symmetric space of noncompact type. (Received August 18, 2004)