

ABSTRACT

A system and a method for scan reflective mirror monitoring, and a focusing and leveling system. The scan reflective mirror monitoring system comprises a simple harmonic motion detection unit and a signal processing unit (25), the simple harmonic motion detection unit monitoring a simple harmonic motion of a scan reflective mirror (8) and generating a simple harmonic signal, the signal processing unit (25) receiving the simple harmonic signal and controlling, according to a change in the simple harmonic signal, a scan reflective mirror driving unit (27) to perform amplitude and position adjustments of the scan reflective mirror (8). The signal processing unit (25) monitors the change in a light intensity curve of the simple harmonic signal.