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ADJUSTABLE STAND FEET FOR DIFFERENT USER SCENARIOS

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Adjustable stand feet for different user scenarios

Traditionally, for LCD monitor of AiO product, tilt feature is most common feature compared to swivel and rotate features. In term of only tilt feature, it is not easy to move the system due to the friction between stand feet and table. The stand feet are designed for not only Industrial Design concept but also Safety stability test requirement. Per Safety requirements, the system needs to keep stable on a sloped table (*usually 10 or 15 degree depends on system weight*) without tipping over. Therefore, the friction is a must and can be a poor user experience when users want to slightly adjust system location to match human eye location.

Alternatively, the poor user experience could improve if the system stand includes a swivel feature. This type of stand consists of lubricating oil, springs, washer and stamped parts which absolutely add the cost.

Per the invention, adjustable stand feet can be a low-cost solution by switching stand feet by a knob designed on stand top enclosure to match different user scenarios. “High friction” stand feet provide better system stability when “low friction” stand feet help user easily adjust the system location. The attached pictures show stand feet deployment. Stand feet with less friction surface are built on the middle of stand bottom and will be controlled by a knob to provide less friction during system being moved.

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