



# LAV-M1 Mobile Smart Screen

## Product Introduction

# CONTENTS

- 01 Product Appearance & Functions
- 02 Product Structure
- 03 Performance Parameters
- 04 Reliability Test
- 05 Product Compatibility

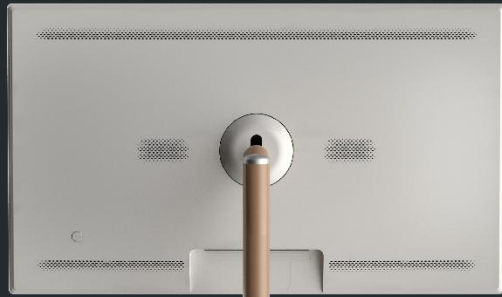
01

# Product Appearance & Functions

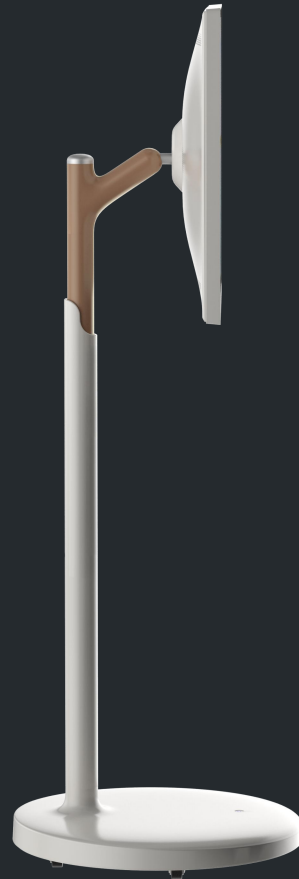
# Product Appearance



Front View



Back View



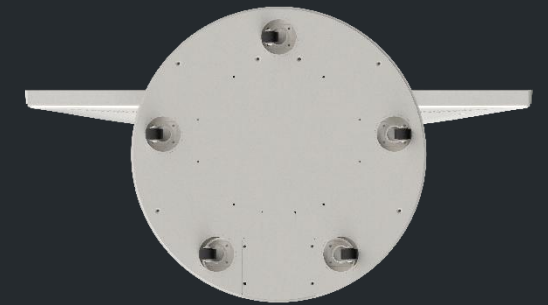
Left Side View



Right Side View

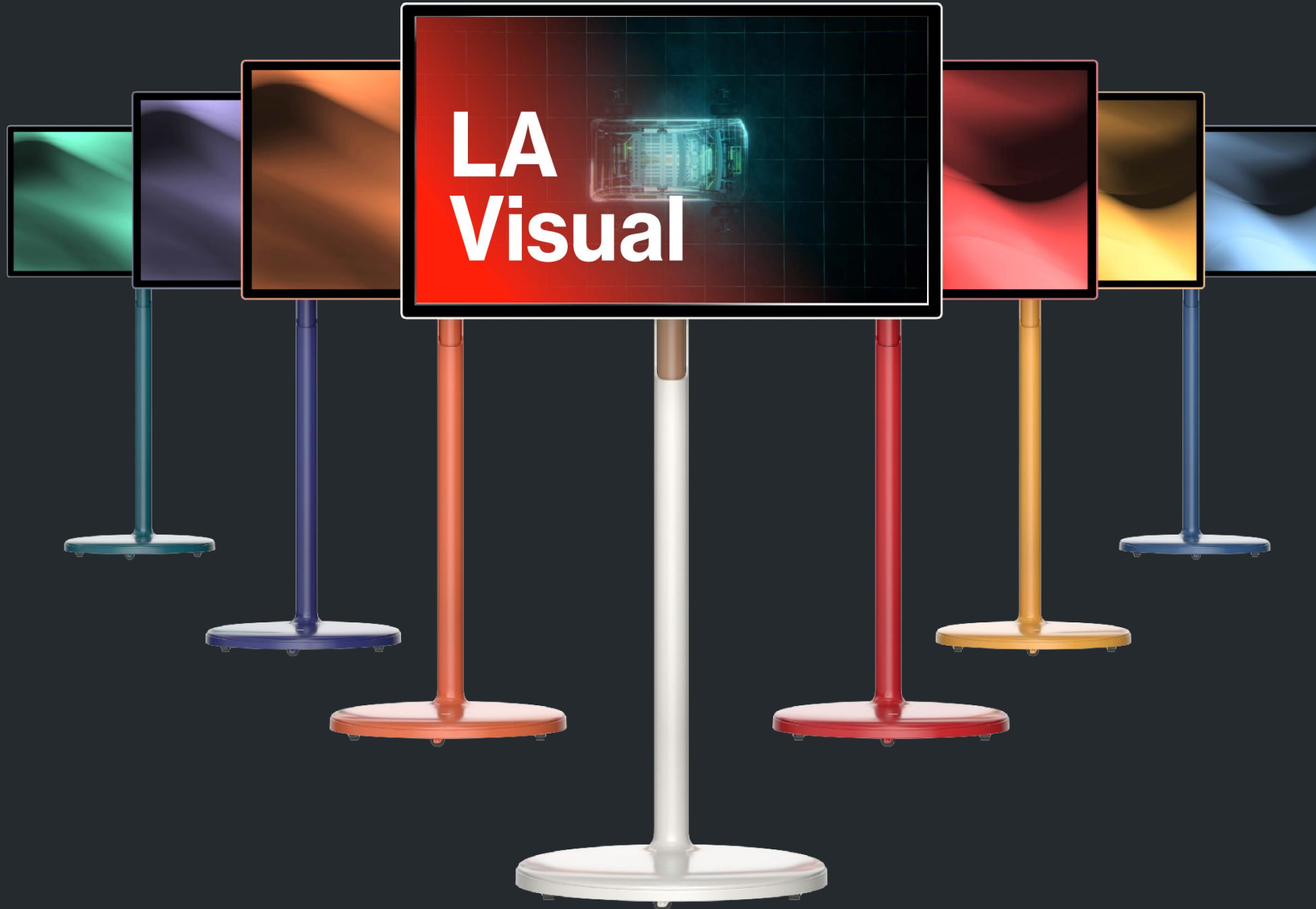


Top View

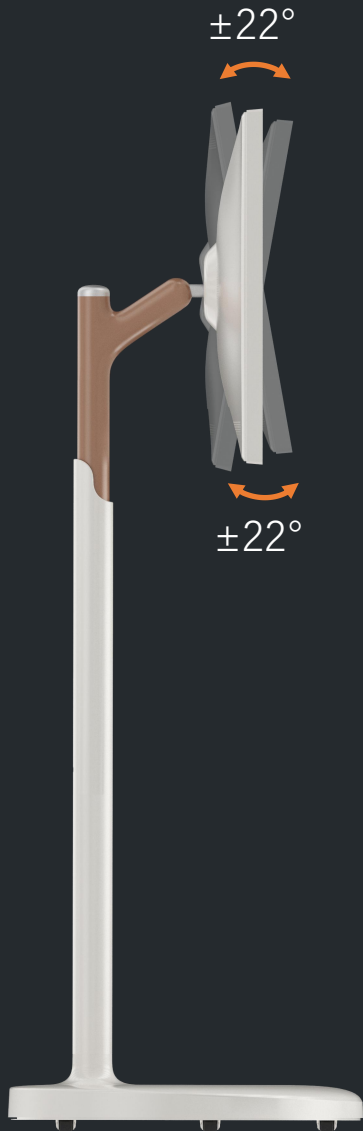


Base View

Product Appearance — Color Optional



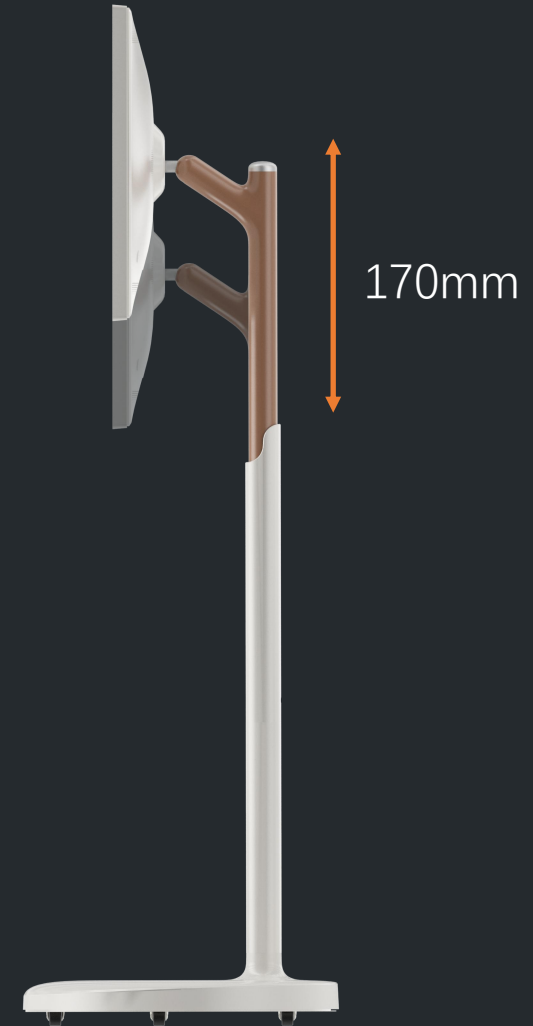
# Product Functions



**Pitch Angle Adjustment**



**Screen Rotation**



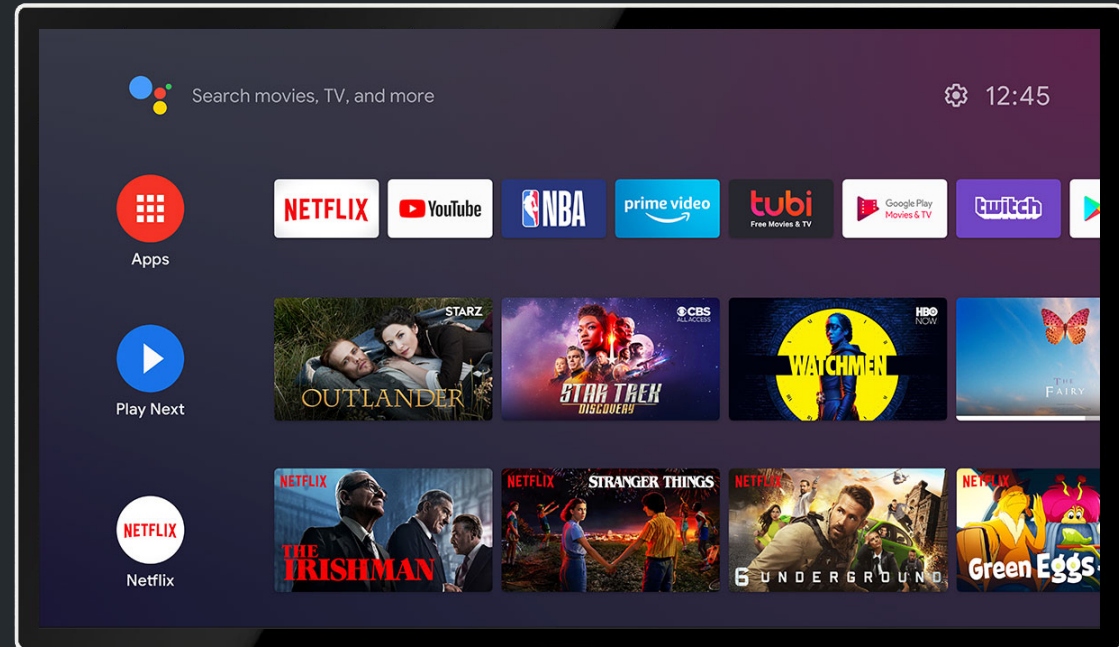
**Screen Height Adjustment**

02

# Product Structure

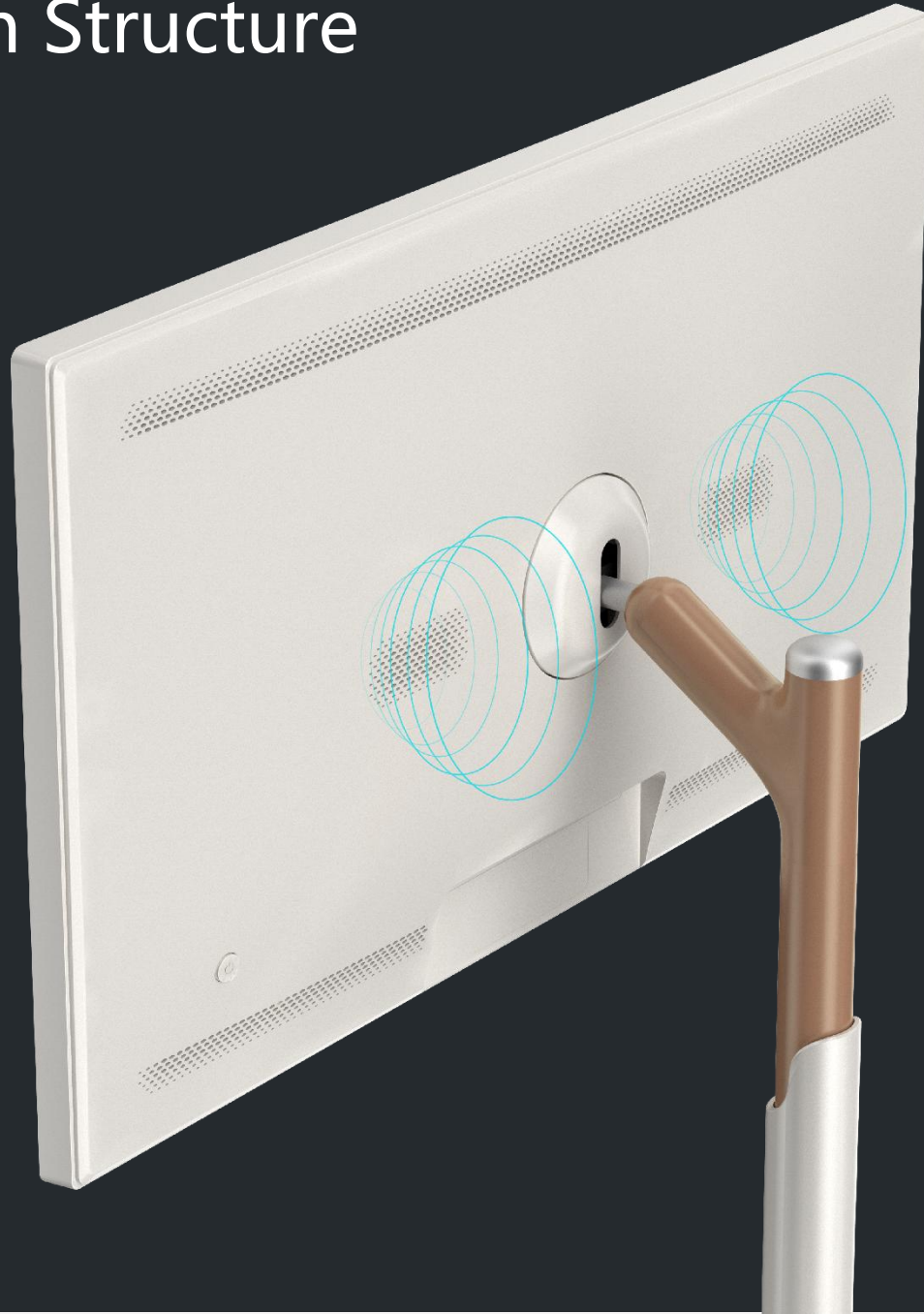
# No Front Frame Design

Full Screen  
Tempered Glass  
Design Style





 Screen Structure



**Immersive Sound  
Experience**

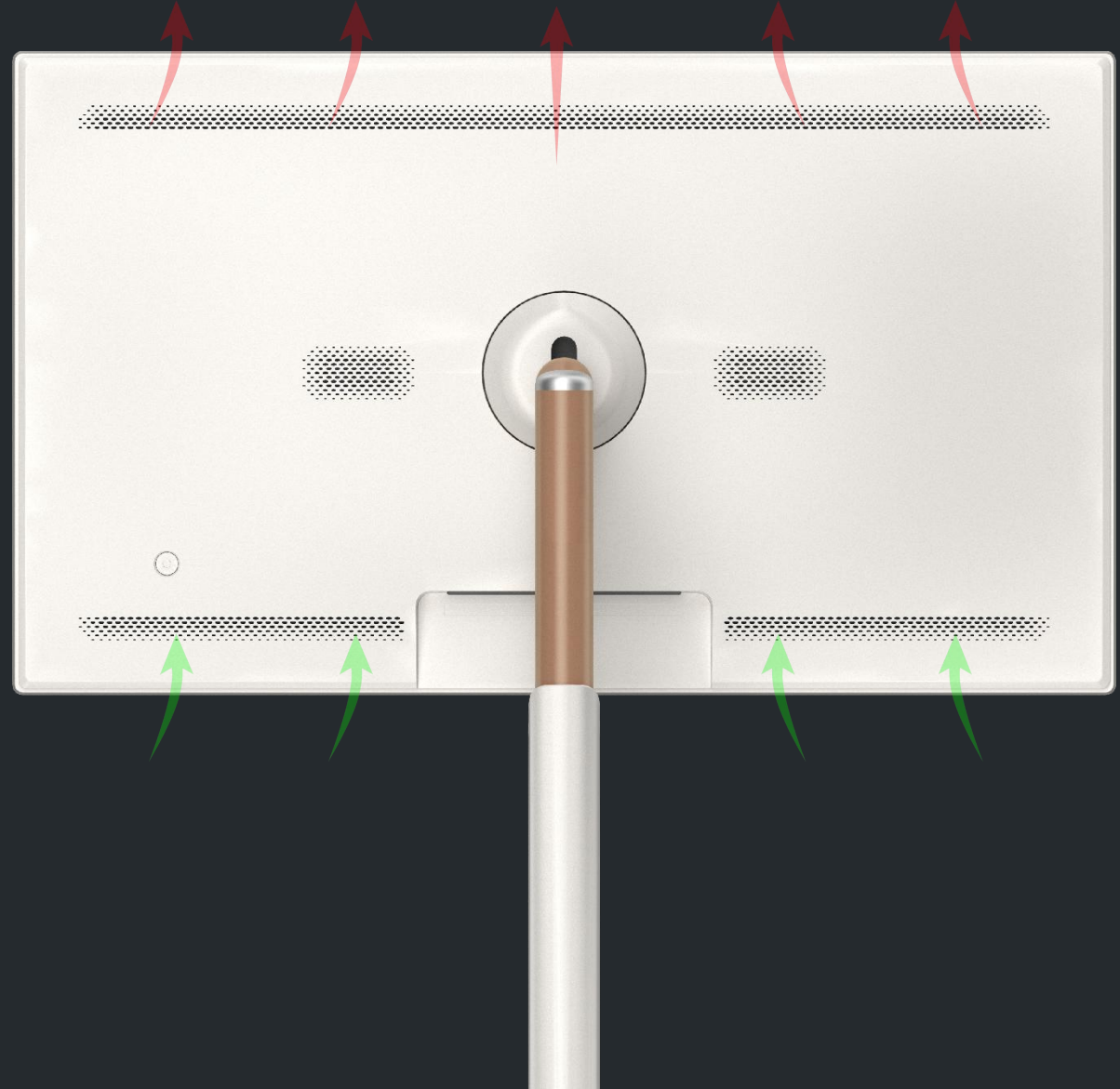
High-power Stereo Subwoofer

# Screen Structure

## Heat Convection Cooling Hole Design

Gradient Array Style,  
Beautiful & Practical

✓ Exclusive Patent  
Protection



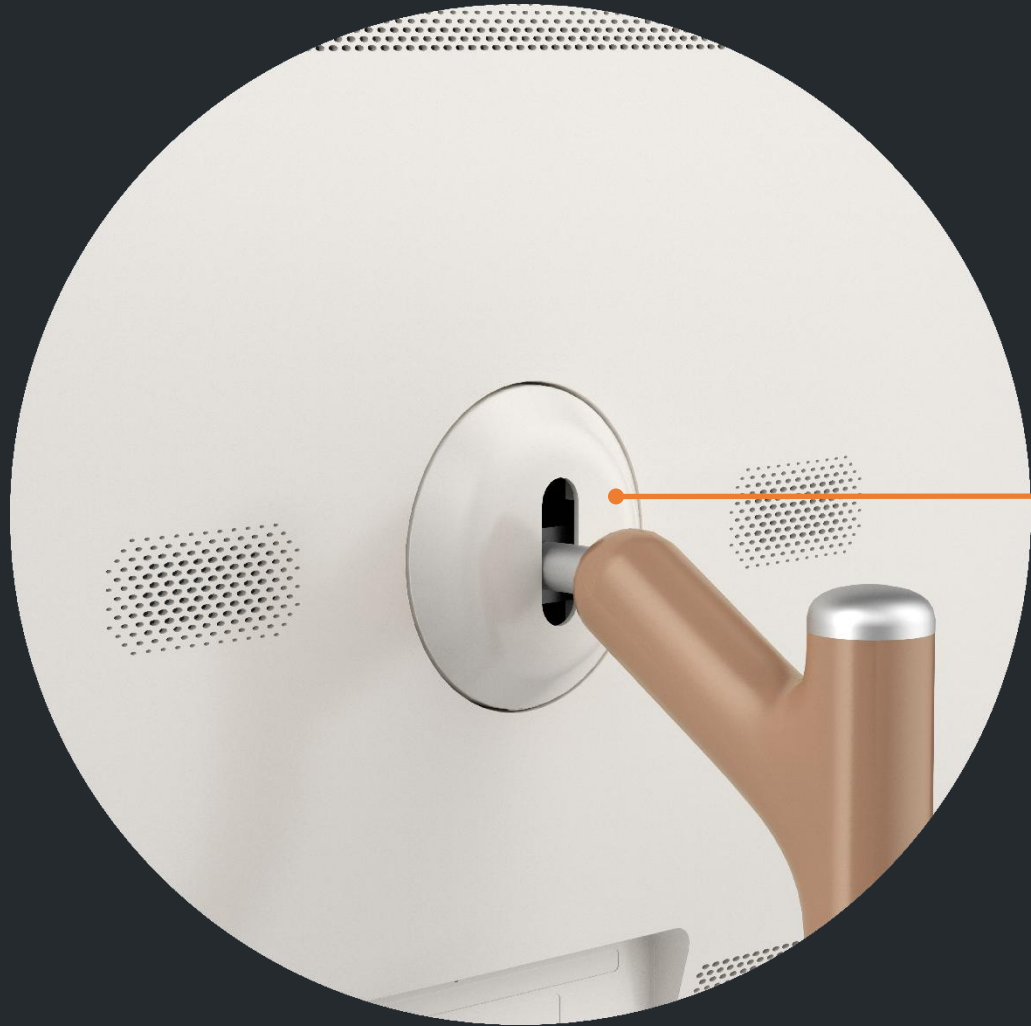
## Screen Structure

### **The Screen Comes With A Standby Button**

Easy Operation,  
Energy Saving & Reduce Power Consumption,  
Improving Battery Life.



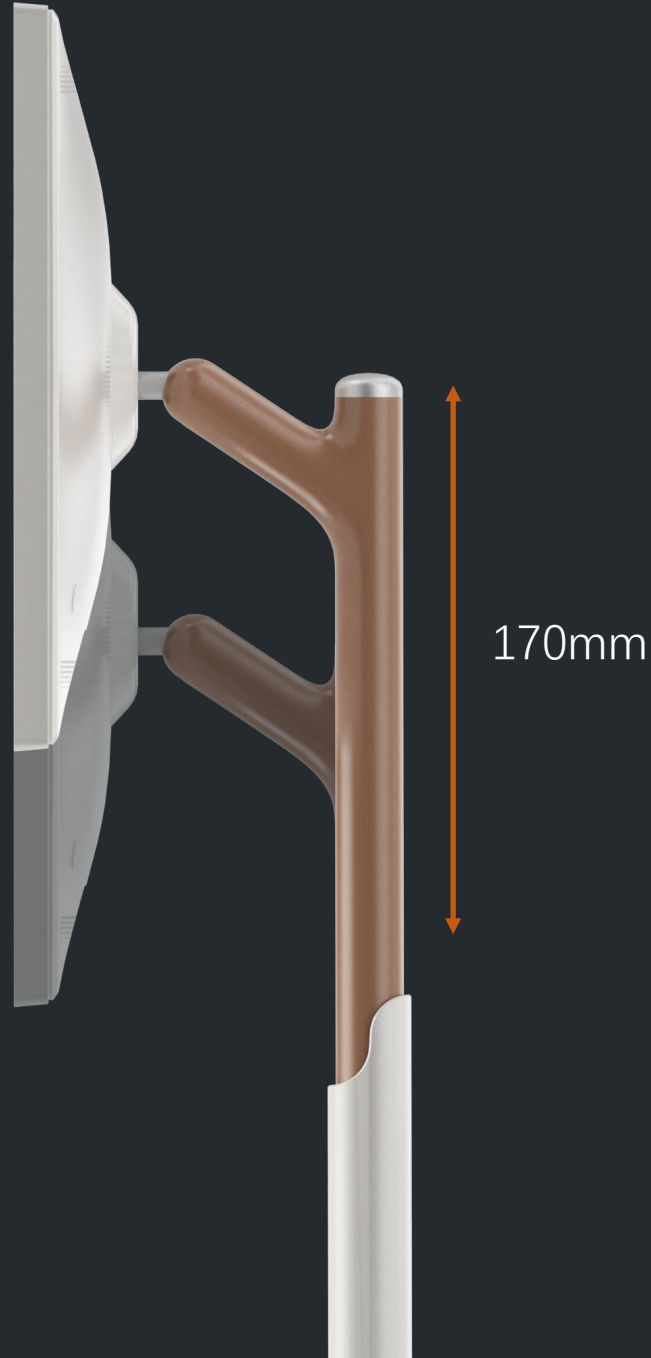
## Bracket Structure



**Rotation and  
Forward &  
Backward Tilt  
Integrated Shaft**

The Quick-release Structure of The Bracket Makes It Convenient to Carry & Use

## Bracket Structure



**Infinitely  
Adjustable Lifting  
Rod**

Adjust The Screen Height  
Freely

# Bracket Structure

## Bionic Natural Tree Branch Design

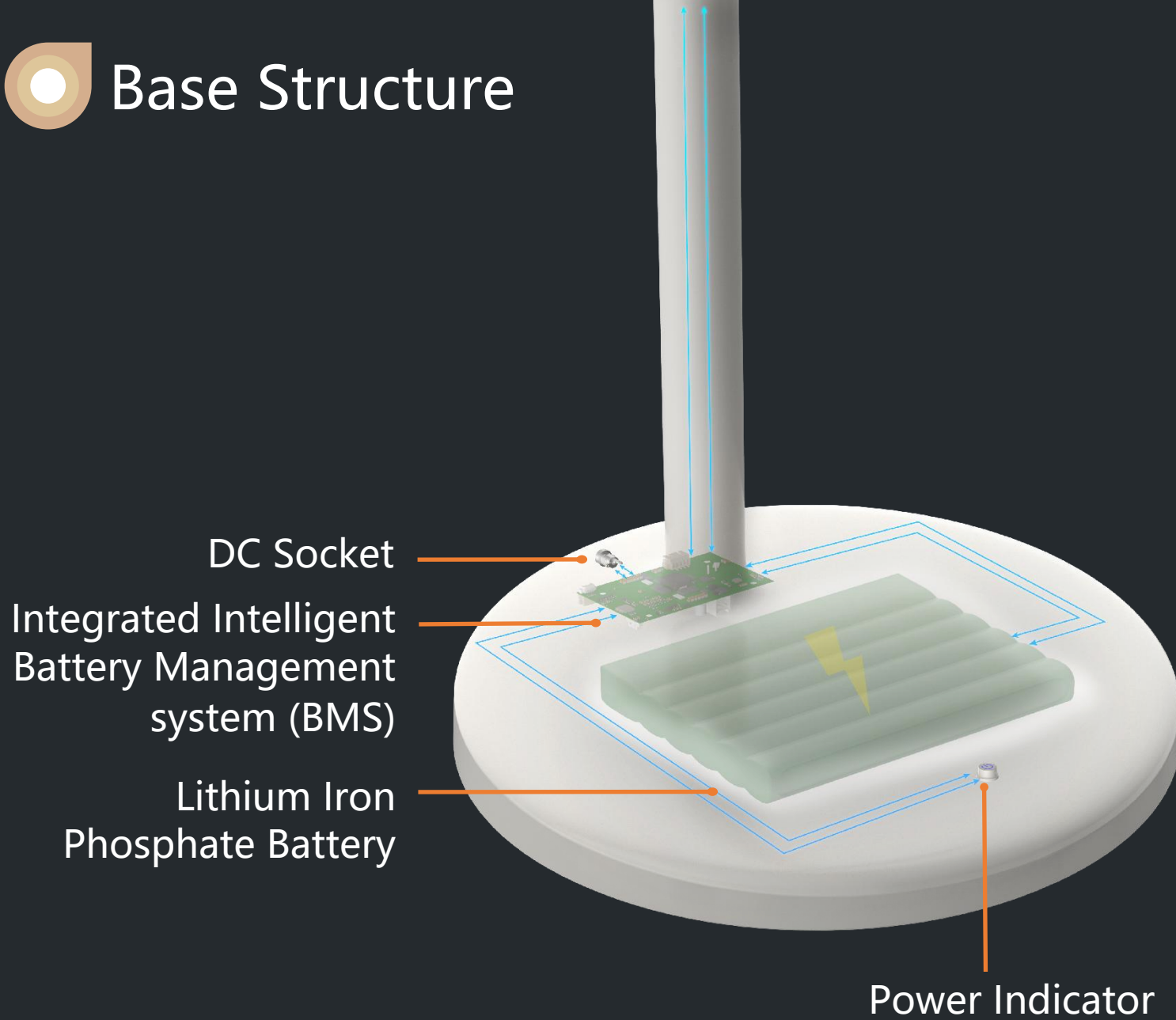
Ergonomics,  
Easy to Hold, Lift & Move

 Exclusive Patent  
Protection



Self-adaptive &  
Smooth Sliding  
Structure

## Base Structure



## Comes With Large Capacity Lithium Battery

Long-lasting Battery Life, Regular Use Time Can Be 5Hours +

**Battery Type:** LiFePO4

**Battery Character:**

1. Safe & Reliable, Long Life,  $\geq 5$ years Life
2. High Temperature Resistance, Safe Discharge In 60°C Environment.
3. Multiple Protection Functions Ensure System Security (Overcharge/Overdischarge/Overcurrent/Overtemperature/Short Circuit Protection)

## Quality Certification





# Comparison of Battery Parameters

## NCA Battery VS LiFePO4 Battery

Type	Safety	Density	Life	Charge Rate	Application
NCA	Poor	High	Short	High	Commercial/Residential
LiFePO4	Good	Normal	Long	Low	Industrial



## Battery Cell Comparison

Battery Cell	Cycle Life	Size	Life	Cost	Application
18650 (NCA)	500-800	Small	Short	High	Laptops, portable DVDs, audio equipment, toys, video cameras
26700 (LiFePO4)	2000	Medium	Long	Low	Energy storage equipment, communication equipment, medical equipment
32700 (LiFePO4)	1000-1500	Large	Medium	Low	Street lights, lighting, flashlights, electric bicycles





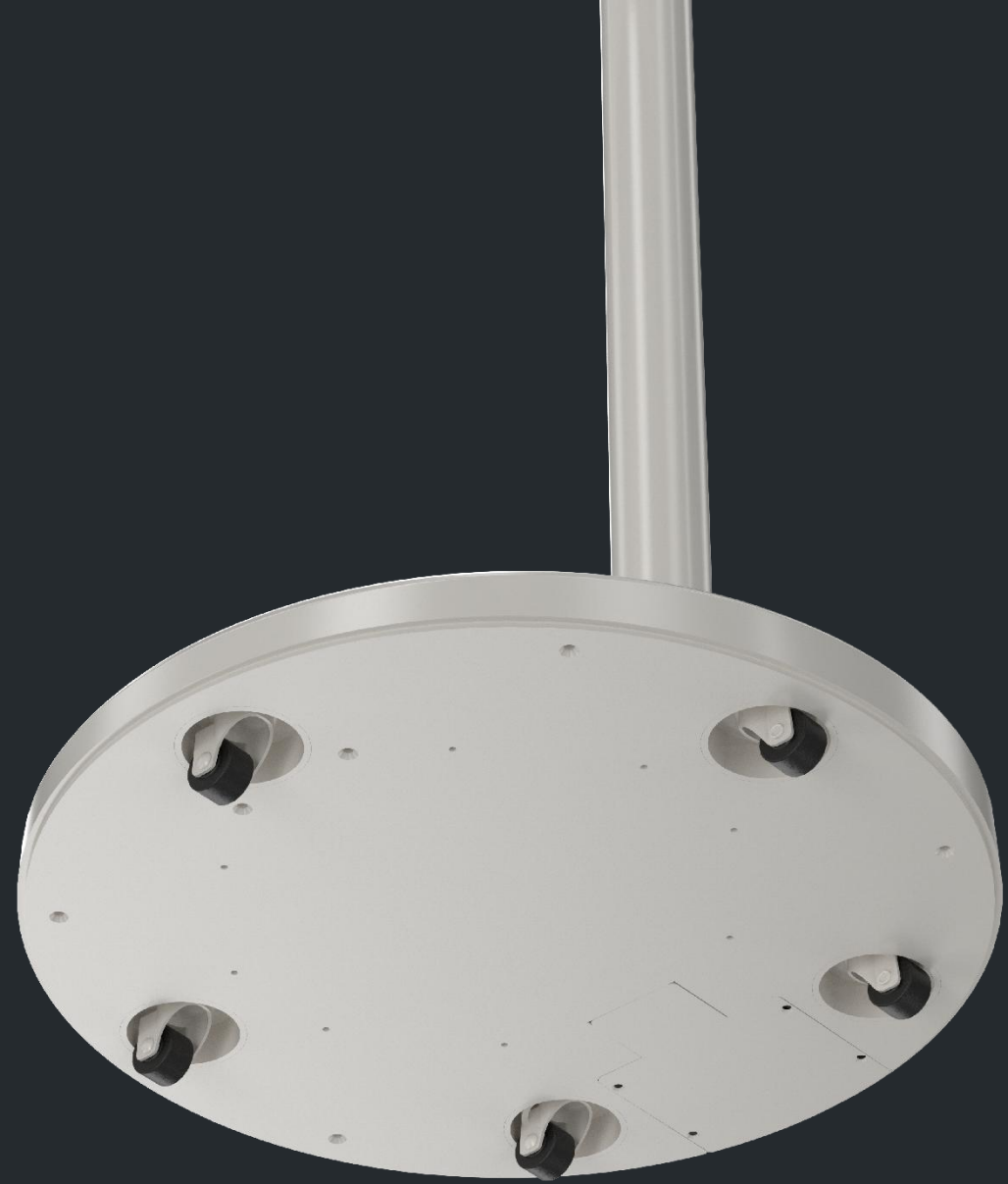
## Bracket Structure

# Super Silent Universal Caster

Move Freely,  
Hidden Universal Caster  
Low-cost Structure +  
Counterweight 2-in-1 Design



Exclusive Patent  
Protection



03

## Performance Parameters



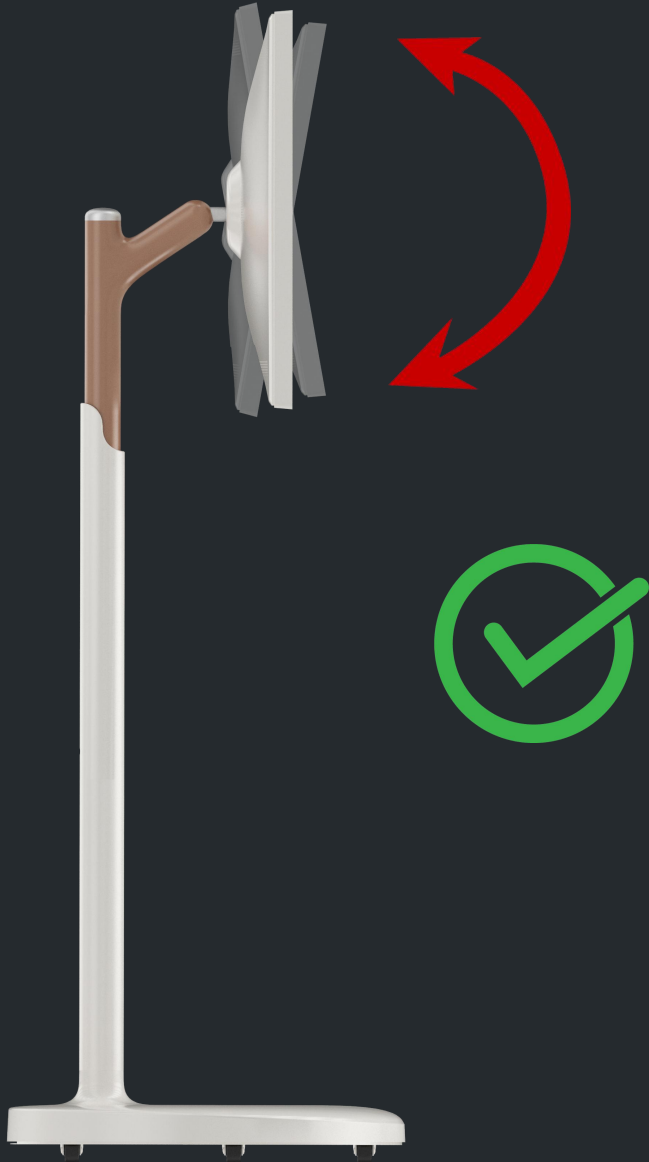
# Parameters

Display	Touch	Max touch points: $\leq 10$
	System	Andriod 8.0/9.0/11.0/12.0
	Brightness	250~350cd/m <sup>2</sup>
	Dimension	21.5/27/32 inch;1920 * 1080 pixels
Moveable Stand	Height	170mm Adjustable
	Angle	Rotation: $\pm 90^\circ$ , Tilt: up or down $22^\circ$
	Wheels	1 inch universal wheel * 5
	Indicator	Green(charging/charged) / Red(low battery)
Battery	Battery Type	LiFePO4
	Cycle Life	/
	Nominal Capacity	/
	Nominal Voltage	/
	Charging Plug	DC plug 2.5mm
	Max Input Current	/
	Dimension	/
	Weight	/

04

Reliability Test

 Reliability Test

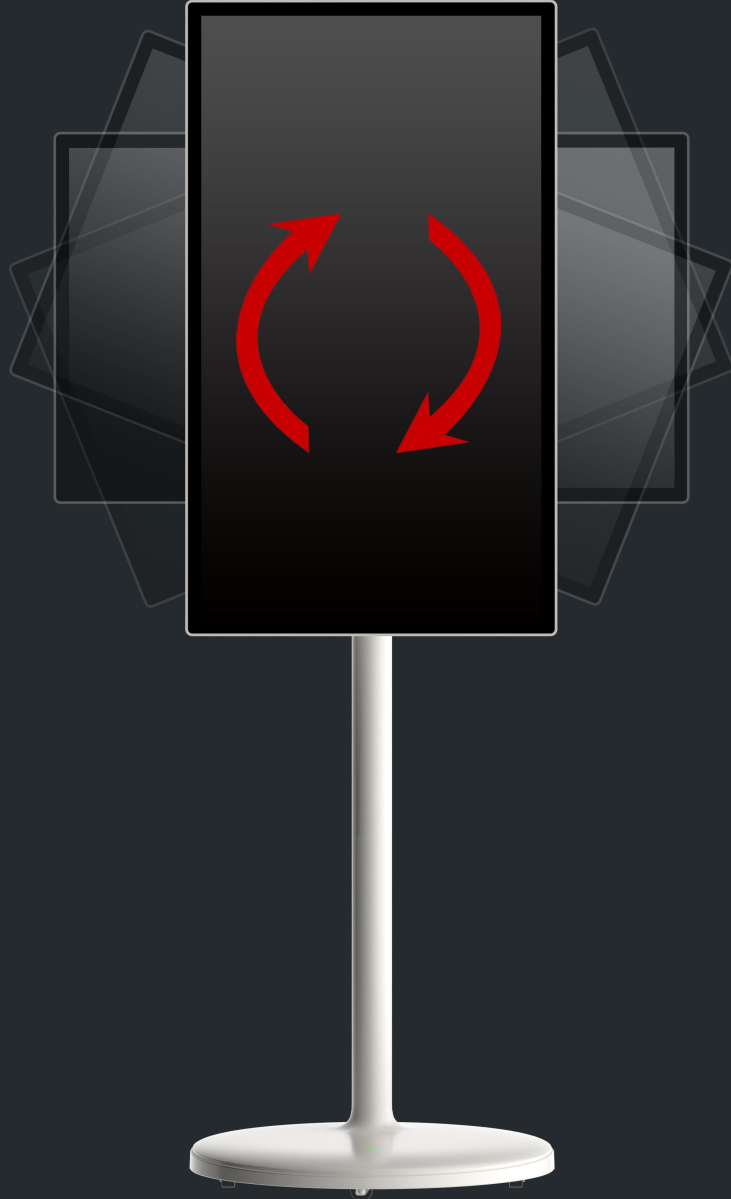


**Up & Down Angle Tilt  
Life Test**

More Than **3000+** Times

**All Functions Are Still Normal**

## Reliability Test



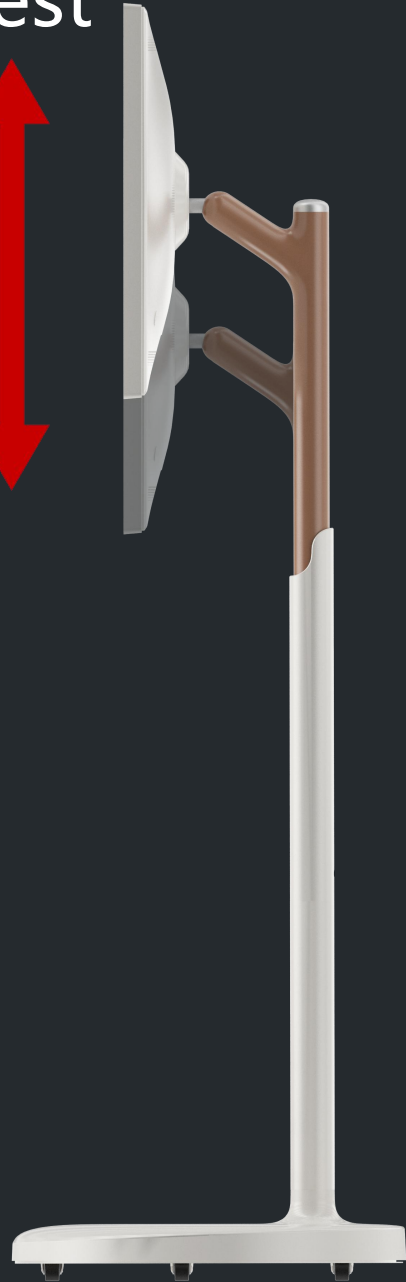
### Totation Life Test

Over The Limit Position For  
**200+** Times

Rotate For **3000+** Times  
All Functions Are Still Normal



 Reliability Test



**Up & Down Life Test**

**3000+ Times**

**All Functions Are Still Normal**

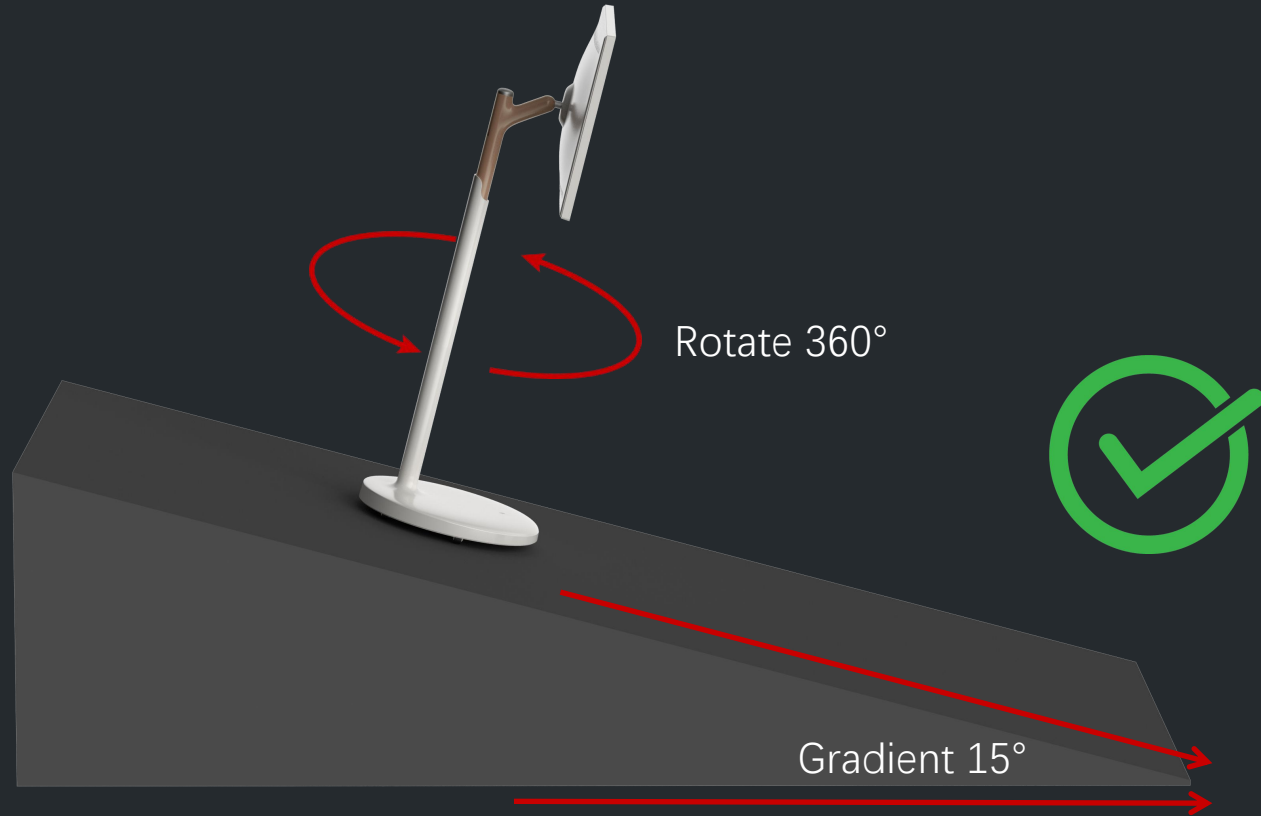
# Reliability Test



After Overall Life Test, Normal Function is Ok, Torque and other test parameters attenuation  $\leq 15\%$ .



# Incline Test



## Pass The Gradient Test & Can Meet The International Standards

Place It On A Platform Inclined At 15°, Then Slowly Rotate 360° Around The Vertical Axis of The Test Sample  
Result: No Dumping

# Applications



居家观影

Home Leisure



户外娱乐

Outdoor Entertainment



健身锻炼

Fitness Exercise



办公助手

Office Assistance



小型会议

Small Meeting



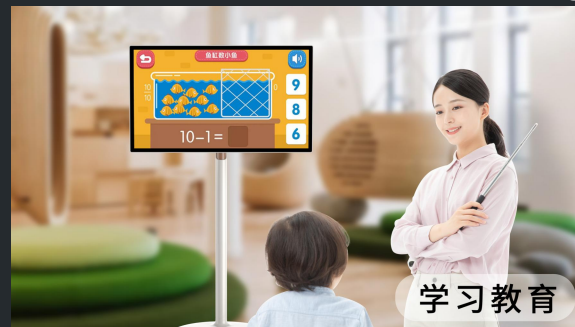
厨房教学

Kitchen Education



卧室休闲

Bedroom Companion



学习教育

Education



直播场景

Live Broadcasting