



ABS Custom Enclosure

▶ 124*130*60mm



WHY AURO3D? ULTIMATE SOLUTION FOR YOUR ENCLOSURE BOX

1 DESIGN AND ENGINEERING COLLABORATION

- With
- Electronics manufacturers
- Product development companies
- Startups and innovators
- Any company developing products with complex internal electronics and critical enclosure requirements

2 YOUR DEDICATED R&D EXTENSION

- Delivering design that ensures
- **Performance**
- **Manufacturability**
- **Aesthetics**
- Translating complex PCB layouts into functional design

3 QUALITY YOU CAN TRUST

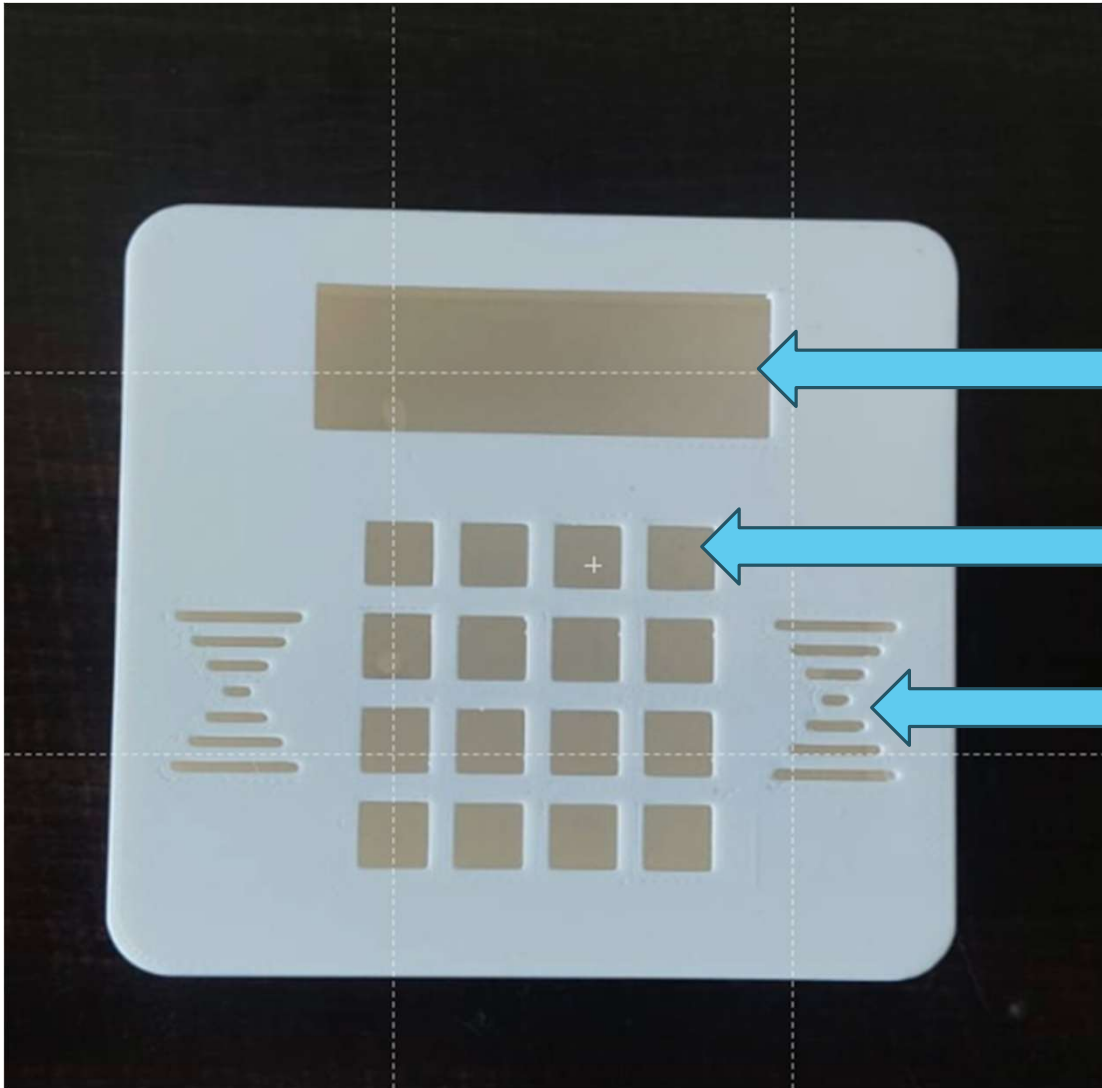
- Functional imperatives
- Enclosures must accommodate
- **Thermal**
- **Environmental**
- **Ergonomic needs**

MEETING SPECIFIC CUSTOMER REQUIREMENTS

- ▶ **Customer Requirement:**
- ▶ PCB Physical Fit & Integration
- ▶ Precise Dimensional Fit
- ▶ **Component Clearance:** Verify adequate clearance between components on the PCB and surrounding mechanical structures
- ▶ **Connector Alignment:** Confirm perfect alignment of all connectors with their mating parts on the enclosure or other boards

OUR ENGINEERING SOLUTION

- ▶ Developed a **specialized Number ABS enclosure design** to meticulously house and protect electronics
- ▶ Designed and precisely manufactured a **custom frame** for the required **Number alignment system**
- ▶ Integrated fittings for secure assembly and a **professional finish**
- ▶ Included an **LED display screen designed for long-term outdoor use**, protecting elements while maintaining visibility
- ▶ **All design, development, and manufacturing of these parameters were completed within our comprehensive setup**



LED Display Screen

Number Display (able to press)

Speaker set up




Top

Bottom

Customised height for the box



Adjustment for PCB, Keypad, Speakers, and LED Screen



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- ▶ Thank You
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