

Scope Planning – Project Requirement Document

Project Requirements Document

Project Name

Ace Gear-5 Pro Gaming Controller Launch

Functional Requirements

- The controller must be compatible with a range of gaming platforms, including but not limited to PC, Xbox, and Playstation.
- The controller should provide seamless pairing with all platforms, both via Bluetooth and plug and play.
 - It should have a ergonomic and comfortable design to allow use for extended gaming sessions.
 - The controller should have a minimum battery life of 8 hours on use and have minimum battery drainage on standby.
- The controller should have customizable buttons and be compatible with external customizations.
- The controller should have a built in mic and speaker, although the audio quality doesn't have to be very high.

Technical/Performance

- The controller should use Bluetooth 5.0 for wireless connectivity.
- It should be compatible with Windows, macOS, Xbox and Playstation systems.
- The controller's analog sticks should be multidirectional and provide precision control.
- It should pass industry standards in quality and safety.
- The device should be compatible with future firmware updates.
- The controller must achieve a latency of under 3ms.
- The controller should be sturdy and durable.