β Blade Operation

```
┌─────────────────┐       ┌──────────────────────┐                    ┌──────────────────┐    ┌──────────────────────┐
│  Program Start  │──────▶│ Set IR to short range│───────────────────▶│  Read accel,     │───▶│  Check difference    │
│Initialize buffer│       │ Select noise=noise1  │                    │  put on buffer   │    │  between max and     │
└─────────────────┘       │ Turn off Cnct'd signal│                    └──────────────────┘    │  min in buffer       │
                          │ STN=10, DMG=0        │                                             └──────────────────────┘
                          └──────────────────────┘
```

Program Start / Initialize buffer

Set IR to short range / Select noise=noise1 / Turn off Cnct'd signal / STN=10, DMG=0

Read accel, put on buffer

Check difference between max and min in buffer

In Omega?

Set IR to long range / Select noise=noise2 / Output cnct'd signal / STN=10. DMG=22

Check all Omega Connections

Sword was swung?   No / Yes

Flash Lights, play noise

Output IR