



# LIGHTSPEED

## U15 Diver Light System



U15 wristband



U15

The U15 diver light system utilizes LightSpeed® optical communications to pass analog audio communications between handsets underwater. This kit provides a full system capable of demonstrating duplex audio broadcast. Each system includes 2 underwater handsets, cables, headsets and AC/DC chargers for the onboard handset batteries.

The U15 diver handsets are Light & Motion Sola series diver lights outfitted with a LightSpeed optical communication frontend. The communications operating range of the system is mainly determined by water turbidity, i.e. water cloudiness or haziness depending on the amount of particulate in the water. Clear water operating ranges significantly exceeds murky water operating ranges.

- Small handheld unit
- Full duplex voice
- 2-way audio communication system
- 25'+ in dirty water
- Wireless comms in water or air
- 100'+ in blue water

	LightSpeed U15
Operating Distance	up to 25 feet in littoral water; up to 100 feet in blue water
Depth Rating	up to 50 meters
FOV	up to 40°
Audio Connection	Any COTS
Size	102 x 53 x 53mm
Weight	370 grams
Mounting	Built-in Light & Motion wristband
Audio Connector	Hirose HR30-6P-6S (71)
Battery/Charging	Built-in Li-Ion, charging time 2.5 hrs (charger included)
Operating Temperature	0°C to +60°C
Storage Temperature	-40°C to +80°C

