

DigiBIRD

Streamer Depth Control

ION's Positioning Portfolio

DigiBIRD® is an integral part of ION's universally compatible positioning portfolio. The flexible network architecture enables you to deploy devices anywhere on any cable with FSK communication. When combined with ION's DigiFIN® lateral streamer steering and DigiRANGE™ II acoustic ranging, it's the most effective and reliable positioning system available today.



DigiBIRD

The leading depth control system for 20 years, DigiBIRD provides industry-leading functionality.

- Controls and measures streamer depth
- Supplies data to help ballast streamers
- Enables rapid deployment and retrieval using QuickCUFF™ streamer attachment

Features include:

- Efficient electronics yield battery life of 150 days
- Non-magnetic, non-corrosive outer body extends asset life
- Communication scheme supports 6,000 m and longer streamers (with high speed FSK repeater)
- Multiple water tight seals increase reliability

Specifications

Physical Characteristics

Length	1.2 m (48.2 in)
Weight in air	8.32 kg (18.3 lb)
Weight in water with batteries	2.78 kg (6.1 lb)
Mounting	Industry-standard collars on 0.57 m (22.5 in) centers

Communications

Type	Serial FSK
Frequency	26 kHz
Data rate	2400 bit/s

Depth Measurement

Operating Range	0 m to 122 m (0 ft to 400 ft)
Resolution	0.15 m (0.5 ft)

Diving Plane

Lift	15.9 kg (35 lbs) @ 5 knots and 15° wing angle
Airfoil	NACA 651-012 airfoil section
Wing Span	48.3 cm (19 in)

Batteries (Sold and shipped separately)

Cells	SLB 150 battery pack (standard) or 4, D-cell lithium batteries (optional)
Life	150 days (typical) (standard SLB 150 battery pack) 60 days (typical) (optional D-cell batteries)

Warranty

Limited Warranty Period	1 year
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Order Information

DigiBIRD	9000-5010
Kit Spare Model 5000	6500-041
SLB 150 CC Battery Pack	4000-253
Operations and Maintenance Manual	4200-016
Electronic Copy (PDF)	4200-016E