

Mobile Fibre Optic System—PROBE



Bluebell PROBE offers a flexible fibre optic transport solution for field operation.

- Compact and lightweight
- Rugged Case
- Versatile Configuration
- Links to Bluebell Probe or BC100 frame
Carries all signal formats including
3G-SDI, HD-SDI, SD-SDI, ASI
Composite video
AES, analogue audio
Data, Ethernet
WDM, CWDM
- Battery or mains powered
- Single folding front handle

General

The Bluebell PROBE is a rugged portable fibre optic system specifically designed for OB, ENG and SNG applications. It has been designed to be used as a "throw-down" box and connected to a truck via a Military Tactical Fibre Optic Cable for the ingest of news, sport and concerts in any outside broadcast environment.

The unit can be configured for almost any combination of Video, Audio and Data and multiples thereof.

A typical setup might be 2 x HD-SDI Program video feeds, Black and Burst Genlock and RS232 Control for connection to a remote camera head.

The unit can be supplied with any type of fibre optic connector to suit the application including SMPTE 311 Hybrid Cables, Neutrik OpticalCON, Hermaphroditic or standard SC, FC connectors.

Applications have been found with many Outside Broadcast vehicles, special event companies and in pre-fibred venues.

Units can also be used in conjunction with standard Bluebell BC100 frames, Blueboxes or BC323 stand alone units.



Probe fitted with optional SMPTE 3K Series Connector



General specifications

Dimensions	-BASE3	270 x 246 x 124 mm (External)
	-BASE6	165 x 350 x 180 mm (External)
Temp Range		-30 to +70 °C
Humidity Range		Up to 95%
Input Voltage		6 V d.c. @ 1.5A max and/or
Input Voltage		IEC mains 110/240 V
		depending upon configuration ordered.

Conformance

EMI/RFI	Complies with 89/336/EEC
Electrical	Complies with EN 61000-6-1, EN61000-6-2
Laser Safety	Complies with Class 1 laser product 24 CFR 1040.10 & 1040.11
RoHS	Complies with Directive 2002/95/EC
IP Rating	IP67 before configuration on base case
Warranty	5 years

Ordering Information

PROBE-BASE3	A ruggedized portable fibre optic system ideally suited to OB, ENG and SNG applications specifically designed for use as a "throw down" box. The unit can be configured for any combination of video, audio and data. Add any combination of up to 3 standard BC Series cards to the base unit. Powered via 4 pin XLR DC input. Power supplied by PS12 external PSU.
PROBE-BASE6	A ruggedized portable fibre optic system for any combination of up to 6 standard BC Series cards.

For alternate connectors and options please contact the Sales Office with your requirements.