

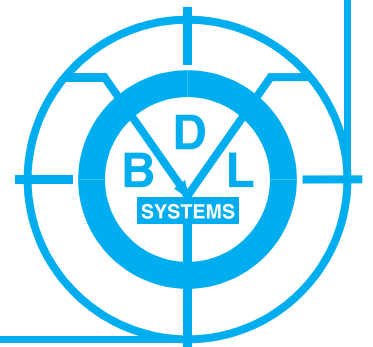
MINI SHRIKE

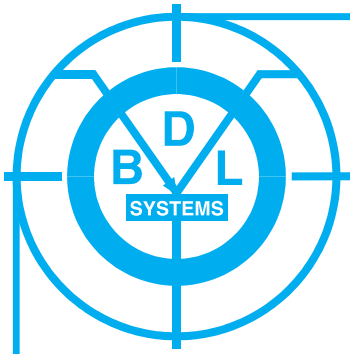
EXPLODER



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Specification

Size	151mm x 58mm x 46mm
Unit Weight	240g
Case Material	NORYL SE100
Finish (as standard)	Non-Reflective Drab Olive
Output Connections	Single firing circuit (Spring Loaded Terminals)
Controls	Pushbutton
Indicators	LED
Batteries	2 x Standard PP3 9V Alkaline batteries (minimum of 100 firings)*
Operating Temperature Range	-20°C to +55°C (Arming Time increases at low temperatures)
Storage Temperature range	-40°C to +70°C
Immersion	To depth of 1.5m
Output Voltage	319-400V
Output Energy	Typically 10J /Minimum 4.5J
Output Load	Up to 4000hms
Arming Time	Typically 2 seconds

** BDL Systems Limited recommends Duracell MN1604 batteries for this product. Alternative low quality PP3 batteries provide insufficient current for arming, and can cause damage to the exploder.*

Introduction

The BDL Systems Limited MINI-SHRIKE was developed to provide users with a one handed operation exploder, which can operate from commercially available "off-the-shelf" batteries, utilising the proven Shrike technology, for a range of EOD and other EED applications.

Operation

Insert batteries into the rear compartment of the MINI-SHRIKE. The single firing circuit is connected by means of spring-loaded terminals. Circuit continuity is checked by operating the TEST button. A green LED will indicate a positive connection. Lifting the Prime Flap on the right hand side of the unit causes the red LED to flash, indicating that the unit is primed. This typically takes two seconds. While the red LED is flashing, the load circuit may be fired by operating the TEST button and the FIRE button (located under the Prime Flap) simultaneously. Remove batteries when not in use.

A range of accessories are available for use with the Mini-Shrike, including a Shock Tube Adaptor.

Safety Features

The MINI-SHRIKE must be primed before any circuit can be fired, and firing requires the operation of two independent push buttons, which are recessed to prevent inadvertent operation. The output is inhibited when the MINI-SHRIKE is not fully primed, thus preventing partial firing. An indication of continuity is available prior to firing and output energy cannot be released into a circuit whose resistance is more than 400 Ohms. This level of resistance is well below that of the human body, therefore completely eliminating any electrical hazard to the operator.

BDL can justifiably claim to be the **Global** lead supplier of Initiator and Exploder products, having exported to Defence and Security Sectors in over 60 countries worldwide during the company's thirty year history. The company operates a Quality Management System that has been assessed to BS EN ISO9901 (BS5750-Part 1).

E-mail sales@bdlsystems.com
www.bdlsystems.com

