



TABS Timer Answer Back System



The TABS (Timer Answer Back System) is a secure, safe, radio-controlled initiation system, incorporating a remotely 'set and start' time-delayed firing capability, developed for use in areas where a small, lightweight receiver is necessary for the remote initiation of pyrotechnics and other electrically initiated devices.

The TABS equipment offers the user the unique "two way communication" system which enhances the system safety in a number of areas:

- * The ability to remotely interrogate an RFU after deployment to ensure that the firing system status can be verified at any time.
- * The timer function can be remotely programmed, modified, activated and stopped without the need to approach the device. Before an approach is made to any system which has been timer activated, the user can confirm that the time function has been disabled and that a safe state is reached. This is not possible with a single way communications system.

Features include:

- * Compact and lightweight system
- * Two way communications allow increased safety and confidence
- * Wide choice of VHF/UHF frequencies to suit local spectrum management issues
- * Fast response times to FIRE command
- * High energy output for the adoption of safety insensitive (Group 2) detonators
- * Dual Shock Tube Adaptor (STA) capability

SPECIFICATION

TABS TRANSMITTER CONTROL UNIT (TCU)

RF Output Power (VHF/UHF) : 2 Watts (nominal)
Input Supply : 9 Volts

Supplied complete with protective carry case.



TABS REMOTE FIRING UNIT (RFU)

RF Output Power : 2 Watts (nominal)
Typical O/P Energy : >1 Joule
Input Supply : 6 x AA Batteries
Field Life Time : >48 hours
Continuity Threshold Indication : 30 Ohms (standard set limit)

Each unit supplied complete with protective canvas case.

TABS SHOCK TUBE ADAPTOR (STA)

Features:

- * Direct insertion into TABS RFU
- * Dual Shock Tube initiation output capability
- * Converts firing circuit output into 2500V discharge pulse
- * Replaceable coaxial shock tube firing heads



Complete equipment is supplied in a ruggedised transit case.



Part of the Chemring Group

© Chemring Group PLC

The information in this document is the property of Chemring Group PLC and may not be copied or communicated to a third party or used for any purpose other than that for which it is supplied without the express written consent of Chemring Group PLC. This information is given in good faith based upon the latest information available to Chemring Group PLC; no warranty or representation is given concerning such information, which must not be taken as establishing any contractual or other commitment binding upon Chemring Group PLC or any of its subsidiary or associated companies.



Chemring EOD Limited
(formerly Richmond EEI Ltd)
Armtec Estate,
North Lopham,
Norfolk, IP22 2LR, UK
Tel: +44(0)1379 686800
Fax: +44(0)1379 686888

For all enquiries email: sales@chemringeod.com

www.chemringeod.com

Chemring EOD Limited
(formerly BDL Systems Ltd)
Ordnance House, Blackhill Rd,
Holton Heath, Poole,
Dorset, BH16 6LW, UK
Tel: +44(0)1202 628155
Fax: +44(0)1202 620182