

EZshot® EZD Series 1.4B

Technical
Information



Electronic Initiation System EZD Series



Product Description

EZshot® EZD units consist of a length of green shock tube with a surface detonator attached to one end and a High Strength (#12) in-hole electronic detonator on the other. The surface detonator is inside a color-coded plastic EZ™ Connector block to facilitate easy connections to shock tube leads. This block can hold up to 6 shock tube leads. Easy-to-read, color-coded delay tags display the delay number and nominal firing time prominently.

Units can be easily connected to one another to satisfy basic blast design requirements in construction, mining, and quarry operations. They can also be used in combination with NONEL® MS, NONEL EZTL™ and/or NONEL TD detonators to satisfy complex blast design requirements and minimize inventory of initiation system components.

Application Recommendations

For detailed application recommendations, **ALWAYS** request a copy of Dyno Nobel's *Product Manual: NONEL and PRIMACORD®* from your Dyno Nobel representative.

- **ALWAYS** select a EZshot EZD unit having more than enough tubing length to extend from the planned primer location in the borehole to the collar of the next hole.

Properties

SDS
#1122

Net Explosive Content per 100 units

0.1125 kg
0.2480 lbs

Product Codes	Delay Times	Connector Block Color
YDPBD4XXX	BD = 9 / 1000	Green
YDPDD4XXX	DD = 17 / 1000	Yellow
YDPAD4XXX	AD = 25 / 1000	Red
YDPED4XXX	ED = 33 / 1000	Green
YDPFD4XXX	FD = 42 / 1000	White
YDPGD4XXX	GD = 67 / 1000	Blue
YDPAJ4XXX	AJ = 200 / 5000	White
YDPBL4XXX	BL = 100 / 3800	Yellow
YDPAK4XXX	AK = 200 / 5400	White
YDPCM4XXX	CM = 400 / 8000	Red
YDPBM4XXX	BM = 9 / 8000	Green
YDPDM4XXX	DM = 17 / 8000	Yellow
YDPAM4XXX	AM = 25 / 8000	Red
YDPEM4XXX	EM = 33 / 8000	Green
YDPFM4XXX	FM = 42 / 8000	White
YDPGM4XXX	GM = 67 / 8000	Blue

Hazardous Shipping Description

Detonator Assemblies: non-electric
1.4B UN 0361



EZshot® EZD Series 1.4B

Technical Information



Application Recommendations (continued)

- **ALWAYS** protect the plastic EZ Connector block and all shock tube leads from impact or damage during the loading and stemming operations. Use care when placing blasting mats and cover material on top of the blasting circuit. The EZ Connector block contains a detonator and is subject to detonation caused by abuse such as impact. Shock tube which has been cut, ruptured or damaged may cause misfires.
- **ALWAYS** be sure that the shock tube(s) are securely inserted, one at a time, into the EZ Connector block. The head of the EZ Connector block should rise to accept the shock tube and return to a closed position with an audible click.
- **ALWAYS** ensure that individual shock tubes remain aligned side by side in the connector channel and do not cross one over the another on insertion.
- **NEVER** use EZshot EZD units with detonating cord. The low strength surface detonator will not initiate detonating cord and may cause misfires.
- **NEVER** attempt to disassemble the delay detonator from the plastic EZ Connector block or use the detonator without the connector.
- **NEVER** place more than 6 shock tube leads into the plastic EZ Connector block. Misfires may result.
- **NEVER** pull, stretch, kink or put tension on shock tube such that the tube could break.
- **NEVER** splice EZshot EZD shock tube together to extend between holes.
- **NEVER** connect EZshot EZD units together until all holes have been primed, loaded and stemmed and the blast site has been cleared.

Transportation, Storage and Handling

- EZshot EZ DET must be transported, stored, handled and used in conformity with all federal, state, provincial and local laws and regulations.
- For maximum shelf life (1 year), EZshot EZD must be stored in a cool, dry, well ventilated magazine. Explosive inventory should be rotated. Avoid using new materials before the old. For recommended good practices in transporting, storing, handling and using this product, see the booklet "Prevention of Accidents in the Use of Explosive Materials" packed inside each case and the Safety Library Publications of the Institute of Makers of Explosives

Packaging

Length		Case Type	Quantity / Case
m	ft		
3	10	D	60 / 120
3.6	12	D	60 / 120
4.8	16	D	45 / 90
6	20	D	45 / 90
7.3	24	D	45 / 90
9.1	30	D	30 / 60
12.2	40	D	30 / 60
15.2	50	MA	48
18.2	60	MA	48
21.3	70	MA	40
24.3	80	MA	40
30.5	100	MA	30
36.5	120	MA	30

- Length rounded to nearest one-half meter.
- Case weight varies by length & delay; see case label for exact weight.

* Always shipped with 2 cases strapped together.
Case dimension width doubles.

Case Dimensions

Detpak (D)	44 x 22 x 25 cm	17 ½ x 8 ¾ x 10 in
Mod A (MA)	63 ½ x 31 x 29 ¼ cm	25 x 12 ¼ x 11 ½ in

Product Disclaimer Dyno Nobel Inc. and its subsidiaries disclaim any warranties with respect to this product, the safety or suitability thereof, or the results to be obtained, whether express or implied, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND/OR OTHER WARRANTY. Buyers and users assume all risk, responsibility and liability whatsoever from any and all injuries (including death), losses, or damages to persons or property arising from the use of this product. Under no circumstances shall Dyno Nobel Inc. or any of its subsidiaries be liable for special, consequential or incidental damages or for anticipated loss of profits.

Dyno Nobel Inc.

2795 East Cottonwood Parkway, Suite 500, Salt Lake City, Utah 84121 USA
Phone 800-732-7534 Fax 801-328-6452 Web www.dynonobel.com

DYNO
Dyno Nobel

Groundbreaking Performance™