

D³ D-Cube™

Disposable Demolition Device

Bomb Squad / EOD

WIRELESS



Designed specifically for single-use applications, the D-Cube™ (also written D³) - Disposable Demolition Device - is a compact, simplified version of our DCR, enclosed in a lightweight, polymer case. Although the D³ has fewer functions than the DCR, it produces the same energy, and has the same security backbone. Each kit includes 10 D³ Remotes, and one D³ Controller. The Controller will Pair with as many Remotes as are powered up, and will function them simultaneously. After firing, the Controller will un-Pair, allowing the next set of Remotes to be functioned. *Remote can only function with a paired Controller; cannot be functioned locally.*

SINGLE-USE DEMINING/EOD

CONTROL UP TO 10 REMOTES

UP TO ¾ MILE LOS RANGE



10x D-Cube Remotes & 1 Controller per kit

SCAN ME



D3C CONTROLLER 1x

Operation

Function	Limited-use, Disposable; 1-Year Shelf Life			
Modulation	FHSS 900 MHz (902-928 MHz)		Tx/Rx Power	300mW
User Interface	Two-button design, with basic LED indicators			
Remote Capacity	D-Cube Kit	Ten		
	If operating multiple Remotes, user has the option to Arm or Fire when at least one Remote has linked and armed; however, this will forfeit any that have not Linked or Armed.			
Transmission Mode	Half-Duplex (Talk-Back).			
Range*	Indoor	Urban	Outdoor/LOS	
	700' (213m)	1600' (488m)	3960' (1207m)	
	*Up to, using ½-wave center-fed dipole antenna. Subject to antenna height and gain, surrounding structures, and atmospheric conditions.			
Power Source	Type	1x 9V Energizer Industrial EN-22 (included)		
	Life	Up to 20 shots (2 mins. on-time per shot)		
Temperature Range	0° to 131°F (-18° to 55°C)			

Safety

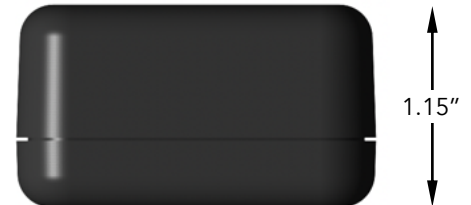
Deliberate Control	Requires two distinct operations to fire, and cannot fire until fully charged.	
Security & Error Correct	128 Bit AES	16 Bit CRC
	Paired sets can only communicate with each other, and only after linking. Interference may jam comms, but cannot hijack.	
Abortable	If Arm button is released (<i>prior to pressing Fire</i>) the Remote instantly aborts to a safe state	
Failsafe	Built-In Tests confirm safety and functionality before connecting the explosive train, and include local status indication.	

Enclosure

Ingress Protection	IP65 compliant against dust and water spray; not submersible		
Dimensions	2.05" wide x 3.95" tall* x 1.15" deep (5.2 cm x 10.0 cm x 2.9 cm)		
	*Antenna adds ~7.5" (19.1cm) to overall height		
Weight	5.2 ounces w/ant. & batteries (147g)		
Material	Black Nylon		

One-Year Warranty Against Manufacturing Defects

Information is subject to change without notice.



5.2oz
w/antenna & batteries



*Antenna adds ~7.5" to height;
omitted for clarity.



CATEGORY



EOD /
BOMB SQUAD

FEATURES



SINGLE-USE
DISPOSABLE



REMOTE
BLASTING

COMPLIANCE



IP65
COMPLIANT



LEAD-FREE
SOLDERING

For more information on BlasterOne blasting control systems, contact:

BlasterOne Energetic System Controls, Inc. • PO Box 2395 • Tempe, Arizona (USA) • 85280-2395
01-480-626-5189 • info@BlasterOne.com • www.BlasterOne.com

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We make the button; you make the bang!

D3R REMOTE 10x



Operation

Function	Single-use, Disposable; 1-Year Shelf Life		
Modulation	FHSS 900 MHz (902-928 MHz)	Tx/Rx Power	300mW
User Interface	Single-button, with limited LED indication - not locally controllable		
Transmission Mode	Half-Duplex (Talk-Back).		
Range*	Indoor	Urban	Outdoor/LOS
	700' (213m)	1600' (488m)	3960' (1207m)
	*Up to, using 1/2-wave center-fed dipole antenna. Subject to antenna height and gain, surrounding structures, and atmospheric conditions.		
Power Source	Type	2x CR2 Cells (not replaceable)	
	Life	Up to 3 days standby, up to 5 shots; 1-year Shelf	
Temperature Range	-13° to 158°F (-25° to 70°C)		

Blasting Capacity

Electrical Firing	Electric Blasting Caps (EBC)			
Nonel Firing	Can fire single shocktube if a squib adapter is used <i>(not included)</i>			
EBC Firing Energy	385 VDC @ ~11 Joules			
Electrical Blasting Serial Firing Capacity*	US Standard		US Coal/Oil	US Seismic
	EU Class 1	EU Class 2	EU Class 3	EU Class 4
	81	69	43	7
	<i>*Actual results may vary depending on detonators, wire, and other factors. Parallel firing not recommended.</i>			

Safety

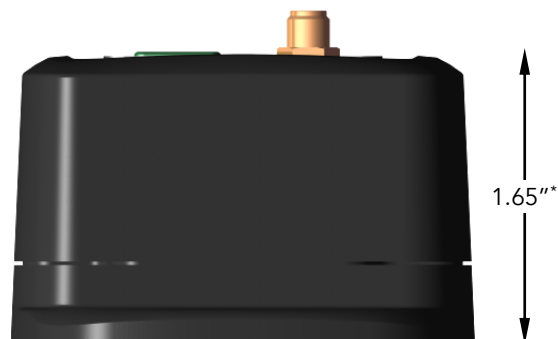
External Control	Cannot function on its own; must be commanded by its paired and linked Controller		
Security & Error Correction	128 Bit AES		16 Bit CRC
	Paired sets can only communicate with each other, and only after linking. Interference may jam comms, but cannot hijack.		
Abortable	Instantly aborts at rescinded Arm command, or loss of comms link from Controller.		
Failsafe	Built-In Tests confirm safety and functionality before connecting the explosive train, and include local status indication. Remote automatically aborts, and tries to re-Link if comms is lost.		

Enclosure

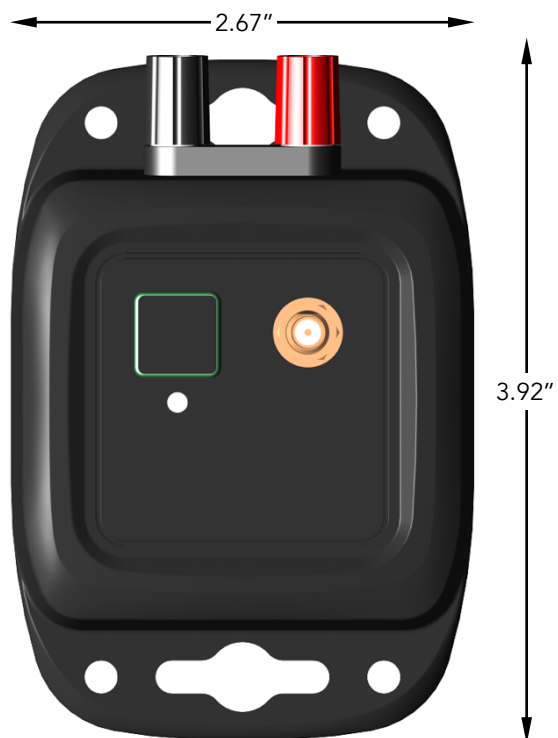
Ingress Protection	IP65 compliant against dust and water spray; not submersible
Dimensions	2.67" wide x 3.92" deep x 1.65" tall* (6.8cm x 10.0cm x 4.2cm) *Antenna adds ~7.5" (19.1cm) to overall height
Weight	6.5 ounces w/ant. & batteries (184g)
Material	Black Nylon

One-Year Warranty Against Manufacturing Defects

Information is subject to change without notice.



6.5oz
w/antenna & batteries



*Antenna adds ~7.5" to height;
omitted for clarity.



CATEGORY



EOD / BOMB SQUAD

FEATURES



SINGLE-USE DISPOSABLE



ELECTRIC BLASTING



REMOTE BLASTING

COMPLIANCE



IP65 COMPLIANT



LEAD-FREE SOLDERING

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