

PED Mk2

Programmable Time Delay Initiators



The PED Mk2 offers the latest in operational capability where a programmable countdown timer is required for initiation. A direct replacement for the world leading PED 100 system, the PED Mk2 includes new features to better support today's modern operations.

WIDE COUNTDOWN RANGE

PED Mk2 can be set to accurately trigger an explosive event for delays of between 1 minute and 30 days.

EASILY PORTABLE

PED Mk2 is a light weight and compact device designed specifically to minimise the user burden

CONFIGURE AND DEPLOY ANYWHERE

The integrated programmer allows the timer to be set in the field. In addition, PED Mk2 can survive immersion to a depth of 30m.

CAN ONLY BE TASKED FOR YOUR MISSION

Removal of the tear off keypad makes it impossible to re-programme or repurpose the device if desired.

ACCURATE TIMING ALLOWS ENHANCED OPERATIONAL COORDINATION

PED Mk2 has an accuracy of better than one second per day. This allows the detonation of charges to be precisely timed and multiple explosives can therefore be synchronised.

COVERT OPERATION IMPROVES MISSION SUCCESS

The compact size and minimal emissions profile of PED Mk2 reduces the probability that the timer will be discovered after deployment.

REDUCED INTEGRATED LOGISTICS SUPPORT

The PED Mk2 does not require a separate programming device thus reducing soldier burden and simplifying training requirements.

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MORE ABOUT PED MK2

An update to the field-proven PED (Programmable Electronic Delay) 100, the Mk2 has been made lighter, easier to use, and does not require a separate programming device. This allows the user, such as Special Forces or military engineers, the ability to rapidly set custom time delays at the point of deployment.

The intuitive interface makes programming the timer quick and easy. In addition, nine “speed dial” countdowns can be pre-programmed and selected in just a few seconds.

Safety is assured when using this initiator. A dedicated processor validates all actions before initiation and output terminals are shorted up to the point of initiation.

TRAINING

PED Mk2 can be used in both training and operational environments. This allows users to become familiar in training with the identical equipment which will be used in the field.

Parameter	Value
Dimensions	30 mm x 38 mm x 103 mm
Approximate Weight	150 g
Countdown Range	1 min to 30 days
Countdown Resolution	1 sec
Countdown Accuracy	< 0.0006% drift
Speed Dial Countdowns	9
Firing Circuit Energy	1.5 Joules
Waterproof	30 m *
Operating Range	-40°C** to +55°C
Power	Lithium Batteries
Shelf Life	5 years***
LCD Display	Back light option Scratch resistant
Built-in Self Test	Yes

* The device must be programmed and activated at depths of <3m, but operation of the device can then be continued down to depths stated in the table above. At increasing depths operation of the control switches will not be possible.

** Operation of the LCD below -20°C is not possible. After deployment the device is capable of surviving operation down to -40°C

*** Subject to regular and correct maintenance interventions.



Actual size

ORDERING

Description	Stock Number	NSN
PED Mk2	800-3053	1385-99-553-9585

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