



CRUSH IT | STAGE TIMER USER MANUAL

Version 03.25.24

MDT

1:00

MDT ACC

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INCLUDED



MDT CRUSH IT - Stage Timer

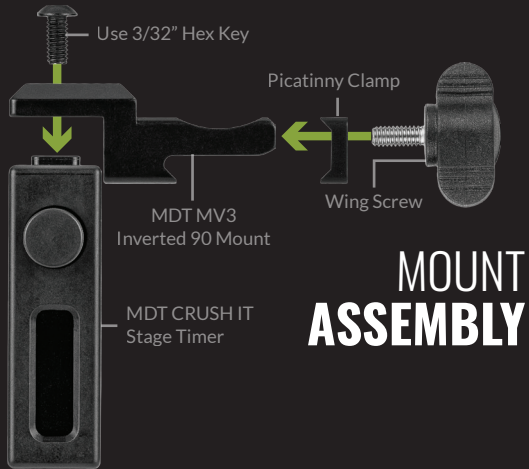


MDT LRA MV3
Inverted 90 Mount



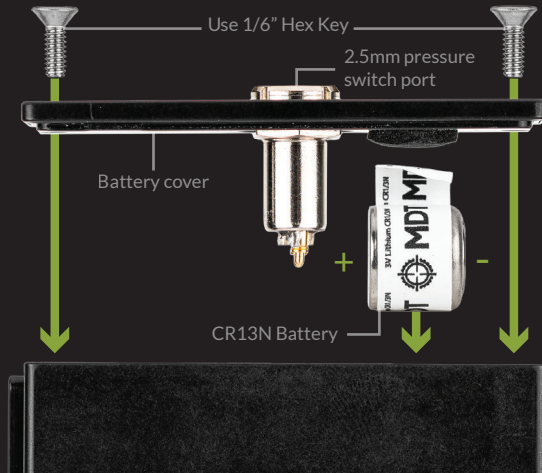
CR13N Battery
(Pre-installed)

- 1/6" Hex Key
- 3/32" Hex Key
- 8-32x0.375 BHCS Screw (x2)

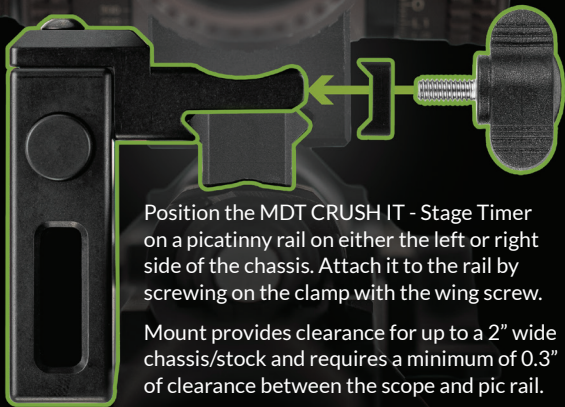


3

BATTERY REPLACEMENT



4



Position the MDT CRUSH IT - Stage Timer on a picatinny rail on either the left or right side of the chassis. Attach it to the rail by screwing on the clamp with the wing screw.

Mount provides clearance for up to a 2" wide chassis/stock and requires a minimum of 0.3" of clearance between the scope and pic rail.

* Alternatively, two 8-32 x 0.375 BHCS screws are supplied. Use one of the two screws in place of the wing screw to maintain a lower profile. Torque to 32 in-lbs.

BASIC OPERATION



On/Off - Stop/Reset

Press and hold the Timer Knob for 2 seconds.

*Press knob for option selection.



Scrolling

Rotate the Timer Knob in either direction.



Scrolling selection locks out after 5 seconds of inactivity. To unlock the scrolling, rotate the knob 1/4 turn in either direction.

MENU LAYOUT

Timer

Select Mode

- >Mode Basic
- >>Select
- >>Program
- >>>Time
- >>>>Minutes
- >>>>Seconds
- >>>>50% Alert
- >>>>Yes
- >>>>No
- >>>>Tone Type
- >>>>Tone A
- >>>>Tone B
- >>>>Tone C
- >>>>Volume
- >>>>Vol Low

- >>>>Vol Med

- >>>>Vol High

- >Mode Custom

- >>Select

- >>Program

- >>>Time

- >>>>Minutes

- >>>>Seconds

- >>>>Alert Points

- >>>>Alert Start

- >>>>Tone Type

- >>>>>Tone A

- >>>>>Tone B

- >>>>>Tone C

- >>>>>Volume

- >>>>>Vol Low

- >>>>>Vol Med

- >>>>>Vol High

- >>>>>Alert 1-5

- >>>>>>Alert Time

- >>>>>>>Minutes

- >>>>>>>Seconds

- >>>>>>>Tone Type

- >>>>>>>Tone A

- >>>>>>>Tone B

- >>>>>>>Tone C

- >>>>>>>Beep #

- >>>>>>>1-99

- >>>>>>>Beep Length

- >>>>>>>50-2000ms

- >>>>>>>Volume

- >>>>>>>Vol Low

- >>>>>>>Vol Med

- >>>>>>>Vol High

- >>>>>Alert Stop

- >>>>>Tone Type

- >>>>>>Tone A

- >>>>>>Tone B

- >>>>>>Tone C

- >>>>>>Volume

- >>>>>>>Vol Low

- >>>>>>>Vol Med

- >>>>>>>Vol High

- >Stop Watch

- >>Select

- >>Program

- >>>StopWLim

- >>>>5-59s

- >>>>Volume

- >>>>Vol Low

- >>>>Vol Med

- >>>>Vol High

Rotate Screen

- >Select Orientation

Battery Level Settings

- >Reset

- >>Yes

- >>No

- >>Silent

- >>Yes

- >>No

- >>Display On

- >>>1-50m

- >>Display Mode

- >>>Mode 1

- >>>Mode 2

- >>>Timer End

- >>>Auto Off

- >>>Auto Reset



Continue to see
option details >>

SETTINGS

Settings

>Reset

Reset

Resets all programming to factory default.

Settings

>Silent

Silent

Mutes all tones.

Settings

>Display ON

Display On

Sets Auto Power off during inactivity (Default is 10 min).

Settings

>Display Mode

Display Mode

Choose between Graphic/Non-Graphic Mode.

Mode 1

Graphic mode functions like the top half of an hourglass as it drains.

Mode 2

Digits only, maximizes the size of the digits.

Settings

>Timer End

Timer End

End of timer sequence.

Auto Off

Auto powers the timer off after time completes.

Auto Reset

Timer resets to Timer Start screen, ideal for training and practice.



Modes

>Mode Basic

Mode Basic

Simple and fast programming with presets.

Details on **page 12**

Modes

>Mode Custom

Mode Custom

Extremely customizable. Alerts times may be programmed independently in all aspects.

Details on **page 13**

Modes

>StopWatch

Mode Stop Watch

Counts up to a specified limit.

Details on **page 16**

MODE BASIC - PROGRAM

Mode Basic

>Time

Time

Setting “Minutes” to 0 will enter Seconds Mode. This will allow you to set “Seconds” above 59 sec.

Mode Basic

>Tone Type

Tone Type

Select Tone A, B, or C (for all alerts). Default is B.

Mode Basic

>50% Alert

50% Alert

Yes/No to have an alert sound when your specified time is at half-way.

Mode Basic

>Volume

Volume

Select Low/Medium/High Volume. Default is Med.

MODE CUSTOM - PROGRAM

Mode Custom

>Time

Time

Setting "Minutes" to 0 will enter Seconds Mode. This will allow you to set "Seconds" above 59.

Mode Custom

>Alert Points

Alert Points

Customize all time intervals and aspects of each alert.

MODE CUSTOM - PROGRAM - ALERT POINTS

Mode Custom

>Alert START

Alert Start

This is the tone you'll hear indicating that you started the timer.

Mode Custom

>Alert 1

Alert 1 - 5

Set each time interval's audible settings differently to know where you're at.

Mode Custom

>Alert STOP

Alert Stop

This is the tone you'll hear when the Time's up.

MODE CUSTOM - ALERT POINTS CUSTOMIZATION

Time

Setting "Minutes" to 0 will enter Seconds Mode. This will allow you to set "Seconds" above 59 sec.

Tone Type

Select Tone A, B, or C. Default is B.

Beep Length

Select the length of beeps in Milliseconds (50ms-2000ms).

Volume

Select Low/Medium/High Volume. Default is Med.

Beep Number

Select the number of beeps at each interval (1-99).

MODE STOPWATCH - PROGRAM

Mode StopWatch

>StopW Lim

Stop Watch Limit

Sets max time in minutes. Timer will stop and auto power off after the selected time. (Default is 10min, select between 5-59min).

Mode StopWatch

>Volume

Volume

Select Low/Medium/High Volume. Default is Med.

OTHER OPTIONS

ROTATE SCREEN

Rotate Screen

Click to enter rotation selection, rotate the knob to change the screen orientation, click the knob to make selection.



BATTERY LEVEL

Battery Level

Indicates battery level. The battery level will also be shown after powering up the timer.

Operating & Storage

-10f to +105f (-23c to +45c). Lithium batteries lose capacity when subject to cold temperatures. We strongly advise storing all electronics with lithium batteries in a warm area for both long- and short-term use. New batteries are suggested when operating the timer in freezing conditions. Removing the timer between stages is advised.

Weather Resistance

The MDT CRUSH IT TIMER is weatherproof for most conditions. The sound port features a dust resistant cover but is not waterproof. We strongly suggest mounting the Timer with the sound port downwards when used in wet conditions. Water may enter the speakers port and will significantly impede the sound. If water enters the speaker's port- power the timer down, remove the battery cover and battery, and store the timer vertically with the speaker port pointing downwards, and let it sit for 12-24 hours in a warm area to allow the water to fully drain and dry. There is no need to remove the dust cover. Do not push objects into the sound port in attempt to clean or dry, doing so will damage the speaker permanently.



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