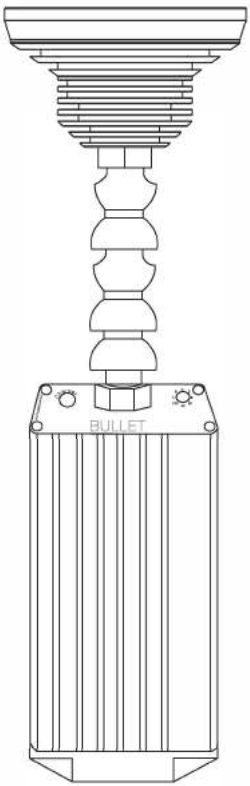
QUICK USER MANUAL
RASHA PROFESSIONAL A/S

BULLET PINSPOT



RASHA Professional

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Edition Notes

The Bullet Zoom pinspot, User Manual Rev. 1 covers the description, safety precautions, installation, programming, operation, and maintenance of the Bullet Zoom Pin spot. Rasha released this edition of the Bullet Zoom pinspot) User Manual in January 2017.

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Document Printing

For better results, print this document in color, on letter size paper (8.5 x 11 in), double-sided. If using A4 paper (210 x 297 mm), configure your printer to scale the content accordingly.

Intended Audience

Any person in charge of installing, operating, and/or maintaining this product should completely read through the guide that shipped with the product, as well as this manual, before installing, operating, or maintaining this product.

Document Revision

The Bullet Zoom Pinspot User Manual Rev. 1 supersedes all previous versions of this manual. Discard any older versions of this manual and replace with this version. Go to www.rashaprofessional.com for the latest version.

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Table of Contents

RASHA Professional

1. Before You Begin 4

What Is Included 4

Claims 4

Manual Conventions 4

Symbols 4

Safety Notes 5

Personal Safety 5

Mounting And Rigging 5

Power And Wiring 5

Operation 5

2. Introduction 6

Description 6

Features 6

Overview 7

3. Setup 8

AC Power 8

AC Plug 8

Mounting 9

Orientation 9

Rigging 9

4. Operation 10

Menu Map 10

Manual Zoom & Angle 11

5. Technical Specifications 12

Technical Specification 12

Returns 13

Contact Us 14

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What Is Included

- Bullet Zoom Pin Spot
- Charger
- IR Remote
- Quick reference guide

Claims

Carefully unpack the product immediately and check the box to make sure all the parts are in the package are in good condition. If the box or the contents (the product and included accessories) appear damaged from shipping or show signs of mishandling, notify the carrier immediately, not Rasha. Failure to report damage to the carrier immediately may Void your claim. In addition, keep the box and contents for inspection.
For other issues, such as missing components or parts, damage not related to shipping, or concealed damage, file a claim with Rasha within 7 days of delivery.

Manual Conventions

Convention	Meaning
A	Channel A
B	Channel B
C	Channel C
D	Channel D
0	Brightness O %
25	Brightness 25%
50	Brightness 50%
100	Brightness 100%

Symbols

Symbols	Meaning

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Safety Notes

Read all the following Safety Notes before working with this product. These notes include important information about the installation, usage, and maintenance of this product. This product contains no user-serviceable parts. Any reference to servicing in this User Manual will only apply to properly trained Rasha certified technicians. Do not open the housing or attempt any repairs. All applicable local codes and regulations apply to proper installation of this product.

Personal Safety

Avoid direct eye exposure to the light source while the product is on. Always disconnect this product from its power source before servicing. Always connect this product to a grounded circuit to avoid the risk of electrocution. Do not touch this product's housing during operation because it may be very hot.

Rigging

This product is for indoor use only! To prevent risk of fire or shock, do not expose this product to rain or moisture. (IP20) CAUTION: When transferring product from extreme temperature environments, (e.g. cold truck to warm humid ballroom) condensation may form on the internal electronics of the product. To avoid causing a failure, allow product to fully acclimate to the surrounding environment before connecting it to power. Mount this product in a location with adequate ventilation, at least 20 Inches (50 cm) from adjacent surfaces. Make sure there are no flammable materials close to this product while it is operating. Always carry this product by the body. Do not carry from the head.

Power And Wiring

Always make sure you are connecting this product to the proper voltage in accordance with the specifications in this manual or on the product's specification label. Never connect this product to a dimmer pack or rheostat. Never disconnect this product by pulling or tugging on the power cable.

Operation

Do not operate this product if you see damage to the housing, lenses, or cables. Have the damaged parts replaced by an authorized technician at once. To eliminate unnecessary wear and improve its lifespan, during periods of non-use completely disconnect the product from power via breaker or by unplugging it. Do not cover the ventilation slots when operating to avoid internal overheating. Do not aim this product toward the Sun. The lenses could concentrate the solar energy and cause internal overheating. The maximum ambient temperature is 113 °F (45 °C). Do not operate this product at a higher temperature. In case of a serious operating problem, stop using this product immediately!

Use on Dimmer	Auto Programs
Outdoor Use	Auto-Ranging Power Supply
Sound-Activated	Replaceable Fuse
DMX	User-Serviceable
Master/Slave	

The term "DMX" used throughout this manual refers to the DMX512 digital data transmission protocol

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INTRODUCTION

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Features

- Built in IR Wireless
- Create rich 2700K Warm white color @ variable brightness
- Built in Battery, Runs for 6 hours on single charge
- Magnatic Surface and compact design
- Set up and tear down in a fraction of the time by eliminating the need for
- DMX or power cables
  Enhance light shows with adjustable electronic dimmer effects
- Compact design easily fits inside sticks of truss or stand free.

Description

Rasha Bullet Zoom battery operated pinspot(Bullet) makes all the ways you're used to pinspoting more convenient. And because it sits anywhere of you stage, it can produce soft edge projection on any object, For example, you'll feel a gentle highlight on your party table, flowers, cakes. Rasha Bullet also lets you stick on many metal surface and bend the projection angles, connect with your favorite object or people in fun, spontaneous ways. Most easy, compact pinspot made ever, New battery powered pinspot lights is a bright with a sharp parallel beam that cuts through the air and across video with ease. Built in Manual Zoom function allow user to set or produces cool perfectly parallel, laser-like beam, mid-air effects with an incredible output and surface coverage. This fixtures ideal for the show, events and club where objects should be highlighted through pin spotlight. Fixture introduces powerful magnet, plastic neck(Glue Snack), narrow angle lens, battery powered and 4 fixtures in a group separately controllable IR remote controllable function.

Powerful Magnet of the bottom surface helps fixture to install in any magnetic surface, whereas plastic neck it helps to project the fixture as any beam angle. Built in battery power system makes fixture

Better or easy for operate, use can use the fixture in full brightness about 6 hours..

Fixture available with Anodize Black and Natural Aluminum. In each group user can set 4 fixtures, such Fixture A, Fixture B, Fixture C and Fixture D, user can control those fixtures separately from 1 remote control. It's easy and ideal fixture for party, events, Hotels, Art Gallery, clubs or stage program.

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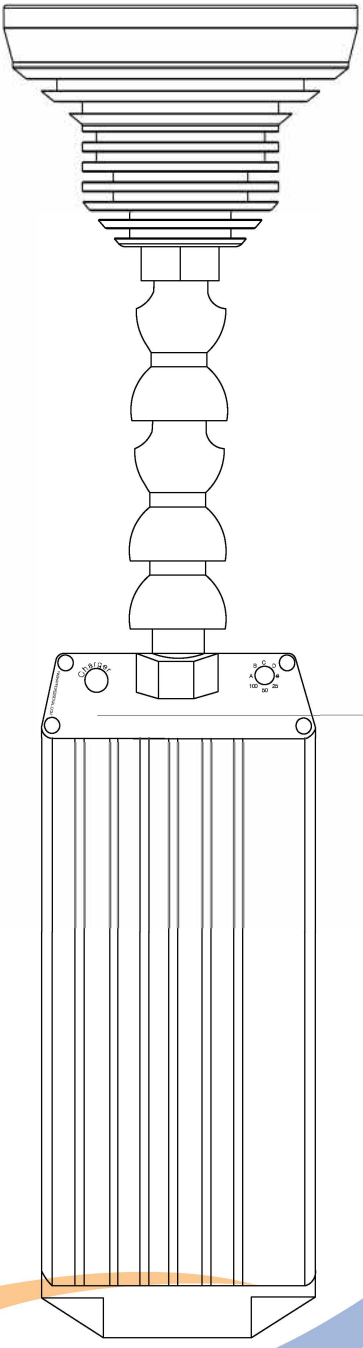
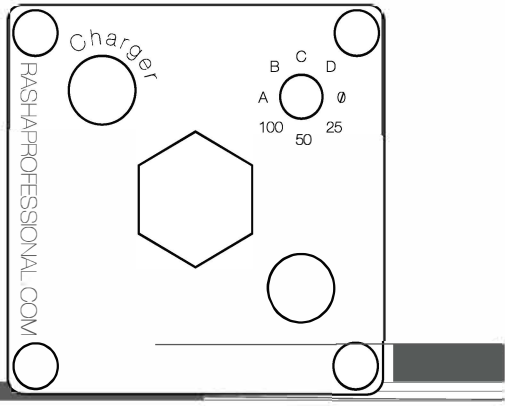
OVERVIEW





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SETUP

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Power Supply Charger

Each Bullet Zoom has an external auto-ranging charger that works with an input voltage range of 100 to 240 VAC, 50/60 Hz. To determine the power requirements for each Bullet Zoom refer to the label affixed to the product. You can also refer to the Technical Specifications chart in this manual. The listed current rating indicates the maximum current draw during normal operation. For more information, you may download Sizing Circuit Breakers from the Rasha website: www.rashaprofessional.com

Always connect this product to a protected circuit with an appropriate electrical ground to avoid the risk of electrocution or fire. To eliminate unnecessary wear and improve its lifespan, during periods of non-use completely disconnect the product from power via breaker or by unplugging it.

Never connect this product to a rheostat (variable resistor) or dimmer circuit, even if the rheostat or dimmer channel serves only as a 0 to 100% switch.

AC Plug

The Bullet Zoom comes with a power input cord terminated with an Edison Connector (U.S. market). If the power input cord that came with your product has no plug, or if you need to change the Edison plug, use the table below to wire the new plug.

Connection	Wire (U.S.)	Wire (Europe)	Screw Color
AC Live	Black	Brown	Yellow or Brass
AC Neutral	White	Blue	Silver

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MOUNTING

Before mounting this product, read and follow the Safety Notes. For our Rasha® Professional line of mounting clamps, go to http://rashaprofessional.com/en/accesories

Orientation

Always mount this product in a safe position and make sure there is adequate room for ventilation, configuration, and maintenance

Rasha recommends using the following general guidelines when mounting this product.

Rigging

- Bullet zoom it comes with built in magnet surface, you can easily stick over any metal surface. If you need to install over the glass or white surface magnet may leave the black marks over its surface. customer are requested to put a part of fabrik
- When selecting an installation location, consider easy access to this product for operation, programming adjustments, and routine maintenance.
- Make sure to mount this product away from any flammable material as indicated in the Safety Notes.
- Never mount in places where rain, high humidity, extreme temperature changes, or restricted ventilation may affect the product.
- If hanging this product, make sure that the mounting location can support the product's weight. See the Technical Specifications for the weight-bearing requirements of this product.
-

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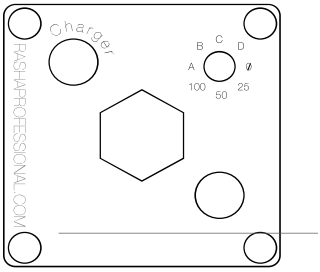
MENU MAP



- Bullet it has 8 dial selector switch A,B,C,D,0,25,50,100 as shown in left side picture
- A,B,C,D- those stand for the channel or group.
- 0,25,50,100 those stand for brightness
- User can trun the indicator switch clockwise or anti clockwise and pointout towards A ,B,C or D
- Once you set the channel A,B,C,D , user can rotrate the indicator switch anti clockwise and set the disired brightness
- 0 will works as turnoff switch, if user set the indicator switch at “0” fixture will compeletely shutdown, it will help the battery drain
- User can manually set the channels/group and set the desired brightness
-
-
-
-
- Once A,B,C,D group selected or set fixtures on different channel, those different channel group fixture can be accessed and control brightness by IR remote.
- Inorder to access and control the fixture by remote > set or pointout selector switch towards A,B,C or D , If user set or indicator switch towards A, Press “A” button of the remote first then press “Full” or Brightness level buttons(10%,25%,50%,70% or 100%)
- If user set or indicator switch towards B, Press “B” button of the remote first then press “Full” or Brightness level buttons(10%,25%,50%,70% or 100%)
- If user set or indicator switch towards C, Press

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ZOOM & ANGLE

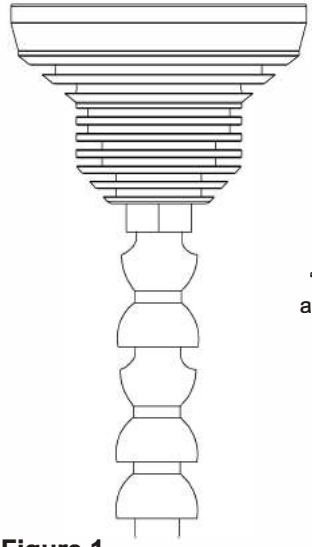

Figure 1
Bullet zoom without zoom

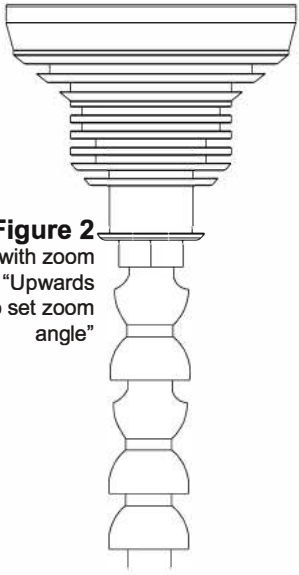

Figure 2
Bullet with zoom
"Softly pull the bullet head "Upwards at sky or push downward to set zoom angle"

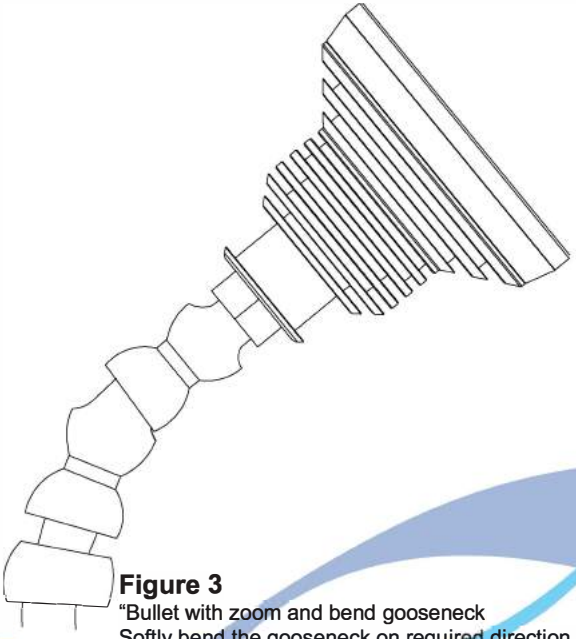

Figure 3
"Bullet with zoom and bend gooseneck
Softly bend the gooseneck on required direction and angle to point projection on required object"

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PHYSICAL

Weight :	1.2 Lb
Gose Neck	80 x 15 x 15 mm
Head	63 x 63 x 45 mm
Dimensions	45 x 45 x 100 mm

DYNAMIC EFFECTS

Color	Warm White
Electronic dimming	10%/25%/50%/70%/100%
Color Temp	2800 K

OPTICS

Light source	1 x 10W Warm white LED Chip
LEDs Beam angle	3°
Mini LED lifetime	50,000 hours (>70% luminous output)

LED Manufacturer's figure obtained under manufacturer's test conditions

CONTROL AND PROGRAMMING

Control options	IR Wireless remote control
Brightness Selector	0%,10%,50%, 100%
Manual Code selector	A,B,C,D,Channels
Remote type	Superior IR Technology
Controllable distance	10 Feet
IR Remote channels	10 Channels

CONSTRUCTION

Materials	Body/Head(anodized Aluminum)
Gose Neck	Thermal Plastic
Color	Black/White/Silver
Basement Magnet	Heavy duty magnet, Anodized
Protection rating	IP20

INSTALLATION

Mounting	Magnetic surface, stick in any metal, O clamp surface or truss mount/free standing
Orientation	Any
Location	For indoor use only

APPROVALS

EU safety	EN 60598-1, EN 60598-2-1, I EC/EN 60825-1
EU EMC	EN 55103-1, EN 55103-2, EN 61000-3-2
Canadian safety (US model)	CAN/CSA C.22.2 No. 250

CONNECTIONS

Charger power in	Type N Barrel charge
Channel selector	A,B,C,D manual channel selector
IR Signal Receiver	Superior IR

ELECTRICAL

AC power	100-240 V, 50/60 Hz 10W
Power consumption	High-powered Lithium battery
Battery	Hours
Battery backup time	4 Hours
Battery charging time	

INCLUDED ITEMS

Easy Pin

Remote control (1 Remote per 10 Units)

Charger

ACCESSORIES (SOLD SEPARATELY)

IR Remote	P/N 891502
Road Case 20 in 1	P/N 901306
Charge Saver	P/N 901308

ORDERING INFORMATION

Bullet pinspot Card Board Packing	P/N 820010
20 in Charging road Case	P/N 820012

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RETURNS

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You must send the product prepaid, in the original box, and with the original packing and accessories. Rasha Professional will not issue call tags.

Visit www.rashaprofessional.com to log into your account and request a Return Merchandise Authorization (RMA) number before shipping the product. Be prepared to provide the model number, your order numver, serial number, and a brief description of the Claim(s) for the return.

Clearly label the package with an RMA number. Rasha will refuse any product returned without an RMA number.

DO NOT write the RMA number directly on the box. Instead, write it on a properly affixed label.

Once you have received the RMA number, include the following information on a piece of paper inside the box:

- Your name
- Your address
- Your phone number
- The RMA number
- A brief description of the problem(s).

Be sure to pack the product properly. Any shipping damage resulting from inadequate packaging will be the customer's responsibility.

Double-boxing is recommended. Rasha reserves the right to use its own discretion to repair or replace returned product(s).

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CONTACT US

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Outside the U.S.contact the dealer of record. Follow their instructions to request support or to return a product. Visit our website for contact details.

NOTES

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