

SPECIAL PIE QGK001

SPECIAL PIE Shot Timer Instruction Manual

Model: QGK001

1. INTRODUCTION

The SPECIAL PIE Shot Timer is designed to enhance your match performance and training. It is officially used in major international matches, including IPSC and IDPA events, offering high shot detection accuracy with echo filtering, even in loud indoor ranges. This device supports seamless integration with scoring apps like PractiScore 2 and IPSC ESS via Bluetooth. Featuring upgraded shortcut keys, it provides quick access to walkthrough mode, shot history, PAR timing, and sensitivity settings. Its rugged, waterproof body is built to withstand dust, mud, and impact, while the extra-large screen and top LED indicators ensure clear visibility in various lighting conditions. With up to 72 hours of battery life and a customizable ECO mode, it supports extended training sessions and multi-day competitions.

2. KEY FEATURES

- **Official Timer for Accuracy:** Used in major international matches (IPSC, IDPA) with unmatched shot detection accuracy and echo filtering.
- **Bluetooth Connectivity:** Supports official scoring apps such as PractiScore 2 and IPSC ESS for seamless integration.
- **Enhanced Visibility with Vertical Display:** Features a specially designed vertical display screen with auto-backlighting for clear visibility in bright sunlight or low-light indoor ranges.
- **Easy to Use with Optimized Shortcuts:** Upgraded shortcut keys provide instant access to walkthrough countdowns and history data with simple one-button operation.
- **Ultra-Long Battery Life:** Equipped with a 1000mAh rechargeable battery, offering up to 72 hours of continuous use. Customizable ECO mode (1-60 minutes) for automatic power-off.
- **Durable Design:** Rugged, waterproof body withstands dust, mud, and impact.
- **Easy to Carry:** Includes a lanyard and belt clip for secure and easy access during training and matches.

3. PACKAGE CONTENTS

- SPECIAL PIE Shot Timer (Model: QGK001)
- Charging Cable

- Lanyard
- Belt Clip

4. PRODUCT OVERVIEW

The SPECIAL PIE Shot Timer features an advanced sensor for various gun types, a loud buzzer, and a vertical display for clear data visualization. It is designed for robust performance in diverse environments.

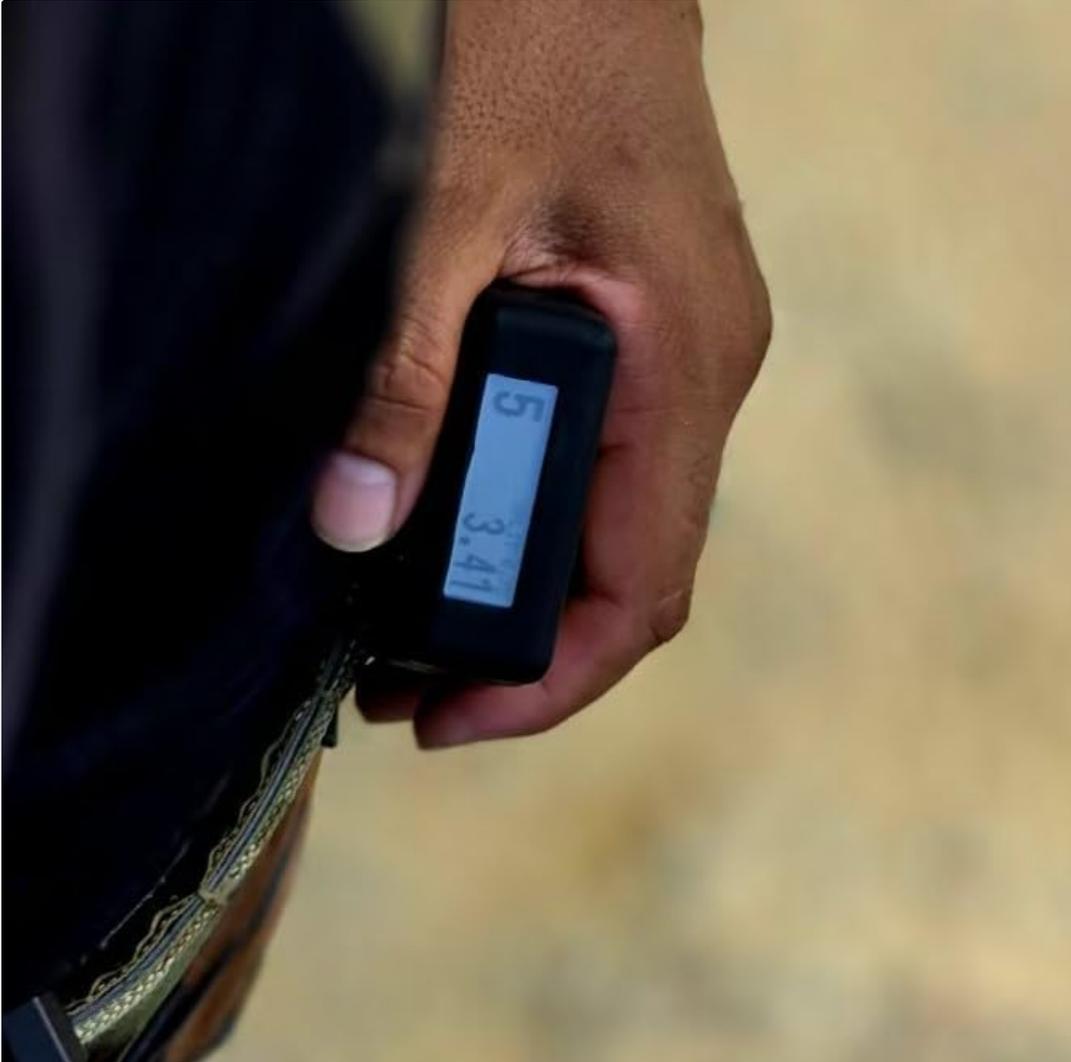


Image: Overview of the shot timer highlighting its advanced sensor, loud buzzer, and vertical display capabilities.

The device incorporates a vertical display with auto-backlight, ensuring readability whether it's clipped to your belt or held in hand. This dual-screen design allows for easy monitoring of your shooting data.

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Video: Demonstrates the dual-screen display of the shot timer, showing clear readability from different angles during use.

5. SETUP AND BASIC OPERATION

5.1 Powering On/Off

To power on the device, press and hold the power button until the screen illuminates. To power off, press and hold the power button until the device shuts down.

5.2 Basic Timing

To start a new timing session, ensure you are on the main screen. Press the left button to initiate the timing

sequence. The timer will start with a beep. To stop the timing after shooting, press the right button. The device will display the total time and split times.

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Video: Illustrates the quick and easy setup and intuitive button controls for basic timing operations.

5.3 Reviewing History Data

After a shooting session, you can review the recorded data. Long press the history data button (usually the left button with an EQ icon) to enter the history review mode. Use the right button to navigate through the data of the current group, showing time and interval for each shot. Use the left button to switch between different groups of saved data. Up to 20 groups of data can be saved. To exit history mode, long press the history data button again. You will be prompted to delete the data; select 'Yes' or 'No' using the right and left buttons respectively.

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Video: Demonstrates one-hand operation for checking history data easily, including navigating through past shooting sessions.

5.4 Adjusting Volume and Sensitivity

To adjust the volume and sensitivity settings, long press the settings button (usually the left button with a gear icon). The default volume is high frequency level 2, and sensitivity is level 5. Short press the settings button to cycle through volume levels (3 high frequency, 3 low frequency, and silent). Use the plus (+) or minus (-) keys to increase or decrease the sensitivity. There are 9 levels of sensitivity, suitable for various gun types including 9mm, LR22, airsoft, rifles, and shotguns. Level 9 sensitivity is specifically designed for dry fire training.

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Video: Shows how to adjust multiple levels of volume and sensitivity settings on the shot timer.

6. MODES OF OPERATION

6.1 Firearm Mode (Delay Options)

The timer offers various delay options for firearm training: Instant, Random (1-4 seconds), and Fixed (3 seconds or 1-10 seconds customized). These settings allow for versatile training scenarios.

Par Mode *For Individual Training*

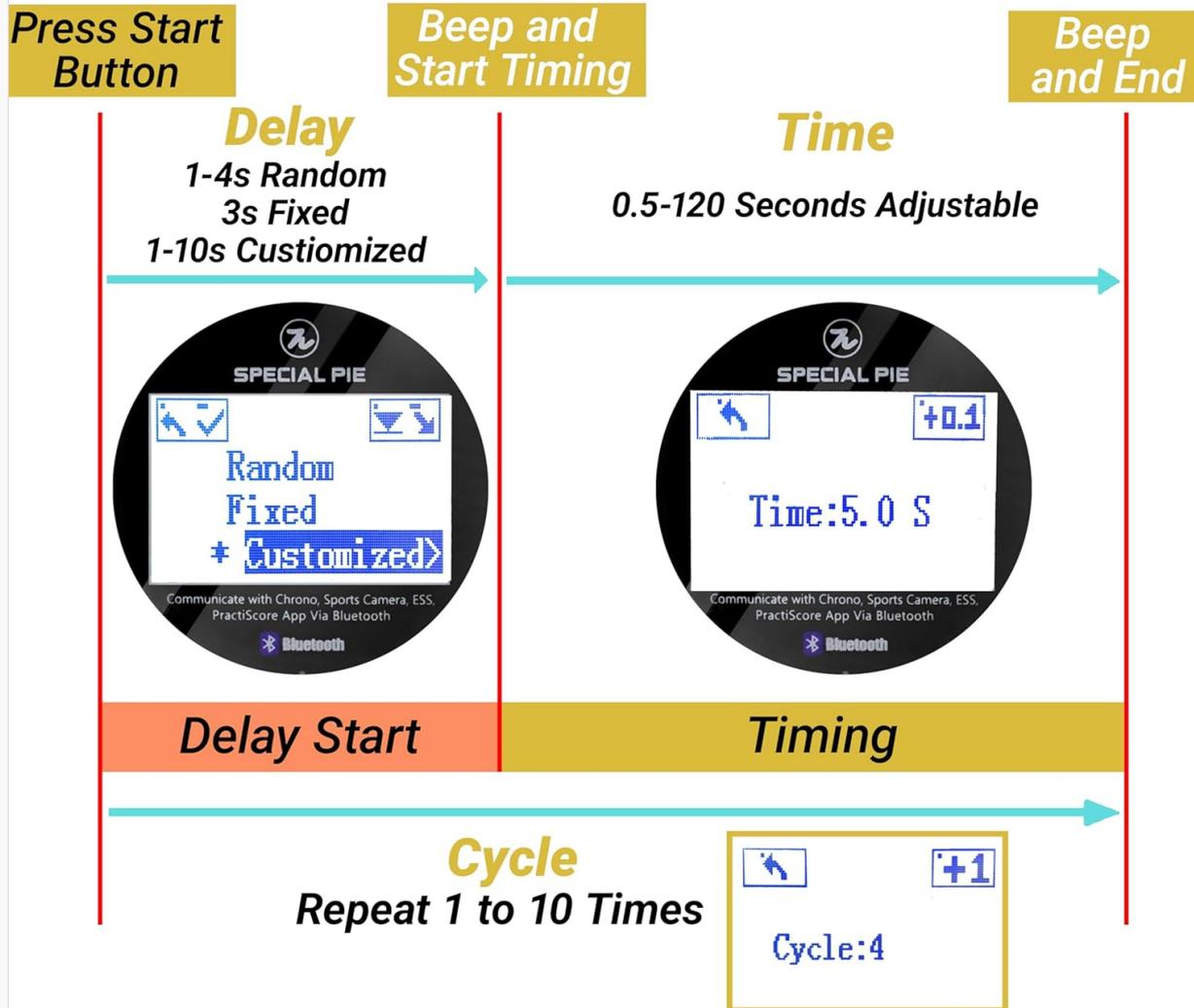


Image: Illustrates the Par Mode settings, including options for random, fixed, or customized delays, and cycle repetitions for individual training.

6.2 Walkthrough Mode

Walkthrough mode is ideal for competition use, providing a countdown before the start signal. This allows shooters to mentally prepare and visualize the stage. The upgraded shortcut keys offer instant access to this mode.

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Video: Demonstrates the Walkthrough Mode being used in a shooting competition, highlighting its utility for stage preparation.

6.3 PAR Timing

PAR timing allows you to set a target time for your shooting drills, providing immediate feedback on whether you met your goal. This feature is crucial for structured individual training.

7. CONNECTIVITY

The SPECIAL PIE Shot Timer supports Bluetooth connectivity, enabling it to communicate with various devices and scoring applications like PractiScore 2 and IPSC ESS. This wireless connection allows for easy synchronization of shooting data, streamlining the scoring process in competitions and providing detailed analysis for training.

App Compatibility



Image: Illustrates the shot timer's app compatibility and wireless synchronization of shooting data with scoring systems via Bluetooth.

8. BATTERY LIFE AND CHARGING

The shot timer is equipped with a 1000mAh rechargeable battery, providing up to 72 hours of continuous use. It features a USB-C charging port for convenient recharging. The customizable ECO mode (1-60 minutes) automatically powers off the device after a period of inactivity, conserving battery life during extended training sessions and multi-day competitions.

72 Hour Battery Life

1000 mAh



1 **USB-C Charging**

Universal Port and Convenient

2 **Auto Shut Down**

1-60 Minutes Adjustable

Image: Details the shot timer's 72-hour battery life, 1000mAh capacity, universal USB-C charging port, and adjustable auto shut-down feature.

9. CARRYING OPTIONS

For convenience and secure access during training and matches, the SPECIAL PIE Shot Timer comes with both a lanyard and a belt clip. These accessories allow you to wear or attach the device securely, ensuring it is always within reach.

Different Carrying Ways



Compact & Convenient



Carry with Lanyard



Carry with Belt Clip

Image: Demonstrates the various compact and convenient carrying options for the shot timer, including a lanyard and a belt clip.

10. SPECIFICATIONS

Feature	Detail
Brand	SPECIAL PIE
Model Name	QGK001
Color	Khaki/Black
Material	Plastic
Item Weight	5.6 ounces
Number of Settings	18
Battery Life	Up to 72 hours (1000mAh rechargeable battery)
Connectivity	Bluetooth (PractiScore 2, IPSC ESS compatible)

Display	Vertical display with auto-backlighting
Sensitivity Levels	9 levels (including Dry Fire)

11. TROUBLESHOOTING

- **Device not powering on:** Ensure the battery is charged. Connect the device to the charging cable and allow it to charge for at least 30 minutes before attempting to power on again.
- **Inaccurate shot detection:** Adjust the sensitivity settings. Higher sensitivity levels are suitable for quieter environments or specific gun types. Ensure the microphone is not obstructed.
- **Bluetooth connectivity issues:** Ensure Bluetooth is enabled on both the shot timer and your paired device. Try restarting both devices. If issues persist, unpair and re-pair the devices.
- **Screen not visible:** Check the auto-backlighting settings. Ensure the device is not exposed to extreme temperatures.
- **Buttons unresponsive:** Ensure the device is not in a locked mode. If the issue persists, try restarting the device.

12. WARRANTY AND SUPPORT

The SPECIAL PIE Shot Timer comes with a **1-year warranty**. For any questions about the product, technical support, or warranty claims, please contact the manufacturer or seller directly. Contact information can typically be found on the product packaging or the seller's official website.

If you have any questions about the product, please contact us at your convenience!