

## JOYHILL K021

# JOYHILL Digital Kitchen Timer Instruction Manual

Model: K021

## 1. INTRODUCTION

This manual provides comprehensive instructions for the JOYHILL Digital Kitchen Timer, Model K021. Designed for ease of use, this timer features a large LED display, magnetic backing, and adjustable volume settings, making it suitable for various applications such as cooking, classroom activities, studying, and fitness routines.



*Image: Front view of the JOYHILL Digital Kitchen Timer, displaying "99:55" on its large LED screen.*

## 2. PRODUCT FEATURES

- **Large LED Display:** A 3-inch LED screen ensures clear visibility of digits from a distance.
- **Intuitive Rotary Control:** Easily adjust time by rotating the outer ring.
- **Multiple Volume Levels:** Choose from Loud (85-100 dB), Medium (65-80 dB), or Mute (0 dB with blinking display) to suit your environment.
- **Energy Saving Modes:** Features an ECO mode where the screen darkens after 5 seconds of inactivity, and turns off completely when not in use to conserve battery life.
- **Versatile Placement:** Equipped with strong magnetic adsorption for attachment to metal surfaces and a collapsible stand for tabletop use.
- **Count-Up and Count-Down Functions:** Supports both countdown timing and stopwatch functionality.

# LARGE LED SCREEN



## 2 levels adjustable brightness



### Constant Light Mode

Works for classroom  
or meeting's time managment



### Energy Efficient mode

works for daily home use



*Image: The timer's large 3-inch LED display for easy reading.*

### Strong magnet adsorption



### Collapsible support



*Image: Demonstrating the magnetic back and collapsible stand for flexible placement.*

## 3. SETUP

### 3.1 Battery Installation

1. Locate the battery compartment on the back of the timer.
2. Open the battery cover.
3. Insert three (3) AAA batteries, ensuring correct polarity (+/-).
4. Close the battery cover securely.



*Image: The battery compartment showing the correct insertion of three AAA batteries.*

### 3.2 Initial Power On

After installing the batteries, the timer's LED display will illuminate, indicating it is ready for use.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Setting the Countdown Timer

1. Ensure the timer display is at "00:00". If not, press and hold the small button at the bottom of the display to reset it.
2. Rotate the outer ring clockwise to increase the time. Each click adjusts the time by seconds initially, then by minutes as you rotate faster.
3. Rotate the outer ring counter-clockwise to decrease the time.
4. Once your desired time (up to 99 minutes and 55 seconds) is displayed, press the small button at the bottom of the display to start the countdown.
5. To pause the countdown, press the small button again. Press it once more to resume.
6. To reset the timer during a countdown, press and hold the small button until the display shows "00:00".



# EASY TO USE

Creative rotation timing, Even kids and seniors can easily operate it



*Image: Demonstrating how to set the timer by rotating the outer ring.*

## 4.2 Using the Count-Up Timer (Stopwatch)

1. Ensure the timer display is at "00:00". If not, press and hold the small button at the bottom of the display to reset it.
2. With the display showing "00:00", press the small button at the bottom of the display. The timer will begin counting upwards from 00:00.
3. To pause the count-up, press the small button again. Press it once more to resume.
4. To reset the count-up timer, press and hold the small button until the display shows "00:00".

# TWO COUNTING MODE

## COUNT UP



0:00-99:55



## COUNT DOWN



99:55-0:00



*Image: Visual representation of the two counting modes: Count Up and Count Down.*

## 4.3 Adjusting Volume Levels

On the back of the timer, locate the volume switch. Slide the switch to select one of the three available volume levels:

- **Loud (85-100 dB):** Suitable for noisy environments like a busy kitchen or gym.
- **Medium (65-80 dB):** Ideal for general use, such as studying or reading, without causing disturbance.
- **Mute (0 dB):** The display will blink when the time is up, perfect for quiet settings like libraries or classrooms.



## 3 VOLUME LEVELS ALARM

Not to miss a reminder, nor to disturb others



**Loud (85–95dB)**

For cooking, sports



**Soft (65–80dB)**

For daily study and reading



**Mute (0db) Numbers  
blink**

For self-study rooms  
and libraries



*Image: Illustration of the three volume settings and their recommended uses.*

### 4.4 Adjusting Display Brightness (Energy Saving)

On the back of the timer, locate the brightness switch. Slide the switch to select between two display modes:

- **Constant Light Mode:** The display remains continuously bright, suitable for situations requiring constant visibility.
- **ECO Mode:** The screen will dim after 5 seconds of inactivity. If no operation occurs for a longer period while not timing, the screen will turn off completely to save battery power.





Image: The back panel of the timer, highlighting the brightness and volume control switches.

## 5. SPECIFICATIONS

Feature	Detail
Brand	JOYHILL
Model Number	K021
Color	Red
Material	Metal
Product Dimensions	3.18"D x 3.18"W x 1.06"H
Item Weight	90 Grams (3.17 ounces)
Screen Size	3 Inches
Number of Settings (Volume)	3
Batteries Required	3 AAA batteries (not included)

## 6. MAINTENANCE

- Clean the timer with a soft, dry cloth. Do not use abrasive cleaners or immerse in water.
- Replace batteries when the display becomes dim or unresponsive.
- Store the timer in a cool, dry place when not in use for extended periods.

## 7. TROUBLESHOOTING

- **Display is dim or not working:** Check battery installation. Replace batteries if necessary. Ensure ECO mode is not causing the display to turn off.
- **Timer not responding to rotation:** Ensure the timer is not currently counting down or up. Reset the timer by holding the bottom button.
- **Alarm is too quiet/loud or not sounding:** Adjust the volume switch on the back of the timer to your desired level. If set to Mute, the display will blink instead of sounding an alarm.

## 8. PRODUCT VIDEOS

### 8.1 JOYHILL Digital Kitchen Timer Overview

Your browser does not support the video tag.

*Video: A detailed review showcasing the features and operation of the JOYHILL Digital Kitchen Timer, including its magnetic back, battery compartment, and setting functions.*

### 8.2 Quick Use Guide for JOYHILL Timer

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*Video: A quick demonstration of setting, starting, pausing, and clearing the timer, along with showing its magnetic attachment to an oven.*

### 8.3 JOYHILL Timer Features Overview

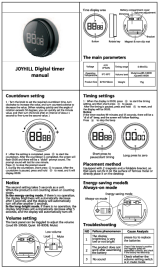


Your browser does not support the video tag.


*Video: A brief overview highlighting the timer's display, back panel, and general appearance.*

## 9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact JOYHILL customer service directly. Contact details can typically be found on the manufacturer's official website or through your point of purchase.

### Related Documents - K021

	<p><a href="#">JOYHILL Digital Timer User Manual</a></p> <p>A comprehensive guide to using the JOYHILL Digital Timer, covering setup, countdown settings, timing functions, energy-saving modes, and troubleshooting.</p>
	<p><a href="#">Joyhill Electronic Coffee Scale Instructions for Use</a></p> <p>This document provides instructions for using the Joyhill Electronic Coffee Scale, including product layout, button functions, weighing, and brewing coffee with both manual and auto timing modes. It also includes warnings and advice for use and care.</p>
	<p><a href="#">Contacta Window Mounted System STS-K021/K022/K023 Installation and User Guide</a></p> <p>Comprehensive installation and user guide for the Contacta Window Mounted System, including models STS-K021, STS-K022, and STS-K023. Covers setup, connections, troubleshooting, and advanced features for clear communication through glass barriers.</p>

 <p>STS-K021 Window Mounted System</p> <p>CONTACTA WINDOW MOUNTED INTERCOM SYSTEMS</p> <p>The STS-K021 Window Mounted System provides clear communication through glass partitions. It is designed for use in offices, reception areas, and other environments where clear communication is essential. The system consists of a base unit and a handset, both of which are mounted on the glass partition. The base unit is connected to a telephone line and a power source. The handset is connected to the base unit and is used for making and receiving calls. The system is easy to install and use, and it provides a clear and reliable means of communication through glass partitions.</p> <p>Physical Data Sheet</p> <table border="1"><thead><tr><th>Parameter</th><th>Value</th></tr></thead><tbody><tr><td>Power</td><td>10W</td></tr><tr><td>Frequency</td><td>100-1000 Hz</td></tr><tr><td>Dimensions</td><td>100mm x 100mm x 100mm</td></tr></tbody></table> <p>contacta</p>	Parameter	Value	Power	10W	Frequency	100-1000 Hz	Dimensions	100mm x 100mm x 100mm	<p><a href="#">Contacta STS-K021 Window Mounted Intercom System - Product Overview and Specifications</a></p> <p>Detailed product overview and technical specifications for the Contacta STS-K021 Window Mounted Intercom System, designed for clear communication through glass partitions. Includes component details, physical data, applications, and technical data.</p>
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