SP-14D IR Synchronizer

TAKSTAR SP-14D IR Synchronizer User Manual

TAKSTAR-SP-14D-IR-Synchronizer

Preface

Dear Customer,
Thank you for purchasing Takstar SP-14D IR Synchronizer. To better understand and use the product, please read this manual thoroughly. If you have any questions or suggestions, please contact our local dealer.

Contents

Features

- Infrared human body sensing for hassle-free auto IR sync.
- Dual control of system frequency and address code, preventing interference and crosstalk.
- Clear visual indicators for mic signal strength and volume dynamics.
- Discreet, embedded installation with 220V AC power requirement.

Applications

For educational settings, conference rooms, etc.
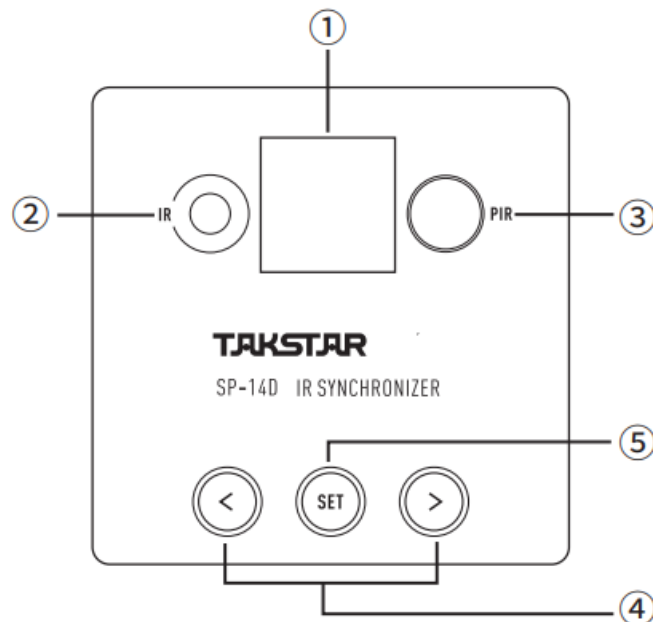
Package Contents

- 1 × IR Synchronizer
- 1 × User Manual

Specifications

- Sensing Method: Infrared
- Sync Distance: ≤2m
- Power Supply: DC/AC optional
- DC Power Interface: USB-C
- AC Power Interface: Phoenix
- Power: 5V1A, 220V/50Hz
- Product Dimensions: 86*86*30mm
- Product Weight: Approx. 93g
- Note: The above data are measured by Takstar laboratory which has the final interpretation right!

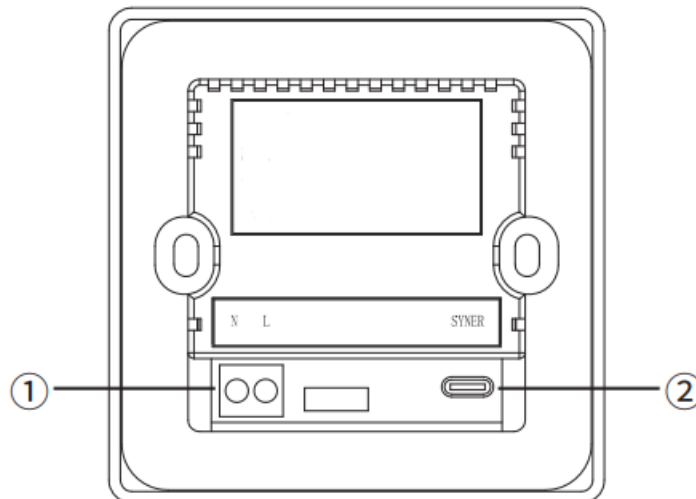## Function Descriptions

Front Panel

1. Display Screen: Shows mic signal strength, mic volume, system settings, and other info.
2. IR Infrared Transmitting Window: Synchronizes system frequency and address code info to the mic and speakers. (Requires front alignment within an effective distance of 1.5 meters)
3. PIR Infrared Human Body Sensing Window: Quickly detects human proximity. When a person enters the sensing range, the IR synchronizer auto activates frequency sync.
4. and Keys: Used for system frequency, address code, and speaker volume adjustments.
5. Frequency & Address Code Adjustment: Inside Settings interface, you can adjust the system frequency and address code (with 99 adjustable frequency points and an address code range of 001-099). Then, select Exit option, press or key to confirm current settings and return to the main interface.
6. Speaker Volume Adjustment (While line-connected/online): In the unlocked state: Press key on the IR synchronizer to enter the speaker volume settings. Press or key again to adjust the speaker volume. Each press adjusts the volume by one level, while a long press continuously increases or decreases the volume to the maximum or minimum value. The volume range is adjustable from 0-31 levels. If you are not in the volume settings interface, pressing will start manual frequency sync.
   In the locked state: Press the key to start manual frequency sync. Pressing key or SET button will have no effect.
7. When the synchronizer and speakers are disconnected (in offline status), pressing key will cause the speaker icon on the screen to flash red; and pressing SET key will cause the red lock icon to flash.
   SET Key: IR synchronizer settings button. Press to enter the Settings interface, where you can adjust the system frequency and address code. Long-press for 5 seconds to lock or unlock the synchronizer. When locked, a red lock symbol is displayed in the top right corner of the main interface. When unlocked, the lock symbol changes to green.

Main Screen

1. RF Frequency: Displays the currently set frequency info of the system.
2. Mic Signal Strength Indicator: The indicator appears in gray when no mic is connected, and turns green when a mic is synced and connected. The dynamic circle meter represents the mic signal strength, while the mic icon indicates the current status of the mic.
3. Mic Volume Indicator: The circle meter displays the current output volume of the mic. The internal speaker icon turns green to indicate that the speaker is in normal working state and blue when it is line connected.

Back Panel

1. Phoenix Interface: 220V power input interface that supplies power to the synchronizer.
2. USB-C Interface: Connects to the speaker through a USB-A to USB-C cable for online connection (the speaker icon on the panel illuminates blue). When disconnected or in offline status, the indicator turns gray.

This interface uploads the settings info (frequency, address code) to the speaker and binds them with the IR synchronizer.

Safety Instructions

To avoid electric shock, overheat, fire, radiation, explosion, mechanical risk and injury or property loss due to improper use, please read and observe the following items before use:

1. Please check if the power of the connected equipment matches with that of this product before operation. Adjust the volume to proper level during operation. Do not operate at over-power or high-volume level for extended time to avoid product malfunction.
2. If there is any abnormality during use (e.g., smoke, strange odor), please kill the power switch and unplug from

power source, then send the product to the local after-sales service for repair.

3. Power adapter used, if any, should be approved by CCC certification or similar standards and comply with the power supply requirements.

4. Keep this product and its accessories in a dry and ventilated area. Do not store in a humid or dusty area for extended time. Keep away from fire, rain, liquid intrusion, bumping, throwing, vibrating, or from blocking any ventilation openings, to prevent malfunction.

5. The product must, when installed on walls or ceilings, be fixed firmly in place at adequate strength to prevent from falling.

6. Please abide by safety rules during operation. Do not use the product in places prohibited by laws or regulations to avoid accident.

7. Do not disassemble or repair the product by yourself to avoid injury. If you have any questions or require any services, please contact our local after-sales service.

Label Meanings

This symbol indicates that this product should not be disposed of with your household waste, according to the WEEE directive (2012/19/EU) and your national law. This product should be handed over to an authorized collection site for recycling waste electrical and electronic equipment (WEEE). Improper handling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are generally associated with WEEE. At the same time, your cooperation in the correct disposal of this product will contribute to the effective usage of natural resources. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, waste authority, or your household waste disposal service.

About This Manual

This manual contains up-to-date technical specifications as of printing. However, specifications contained herein may not conform to your particular product since Takstar is constantly improving its products. Also, specifications, devices or accessories available may vary from region to region. If you have any questions, please contact our local sales outlet. For the latest version/more information, please visit our website: **https://www.takstar.com**/
Copyright ©2024 TAKSTAR. TAKSTAR,and their respective logos are registered trademarks or trademarks of Guangdong Takstar Electronic Co., Ltd. in the PRC, and/or other countries. All other trademarks are the property of their respective owners.

Scan for more product information

- Guangdong Takstar Electronic Co., Ltd. Address: No. 2 Fu KangYiRd., Longxi Boluo Huizhou, Guangdong 516121 China
- **Tel:** 86 752 6383644
- **Fax:** 86 752 6383952
- **Email**: **sales@takstar.com**

- **Website**: www.takstar.com

Documents / Resources

	TAKSTAR SP-14D IR Synchronizer [pdf] User Manual SP-14D IR Synchronizer, SP-14D, IR Synchronizer, Synchronizer

References

- 🔴 [-](#)
- 🔴 [-](#)
- **[User Manual](#)**