Audible and Visual Alarm (SF-512)

1.Introduction

This product is a kind of alarm device giving warning signals through audible and visual alarm. When the unit power on, you can use the remote control to play alarm with flash. This device is applied in large hoisting machinery, engineering vehicles, banks, government agencies, buildings, villas, forest park, border defense system and security service company and other area.

1. Features

➢ Support for loading MP3 audio playing, good sound quality.
➢ Max audio output up to 20W.
➢ Alarm sound loud, up to 120db.
➢ Built-in SPI memory, support 4Mbit~64Mbit storage capacity.
➢ Voice length maximum can be 2000 seconds.
➢ Replace alarm sound through USB disk.
➢ Can select alarm sound or adjust volume by infrared remote controller.(Control distance≤5 meter)
➢ Can control track via 433 wireless remote controller, sensing distance up to 50 meters
➢ Wide voltage range of power supply.
➢ Alarm light and warning signal are integrate together----easy to install.
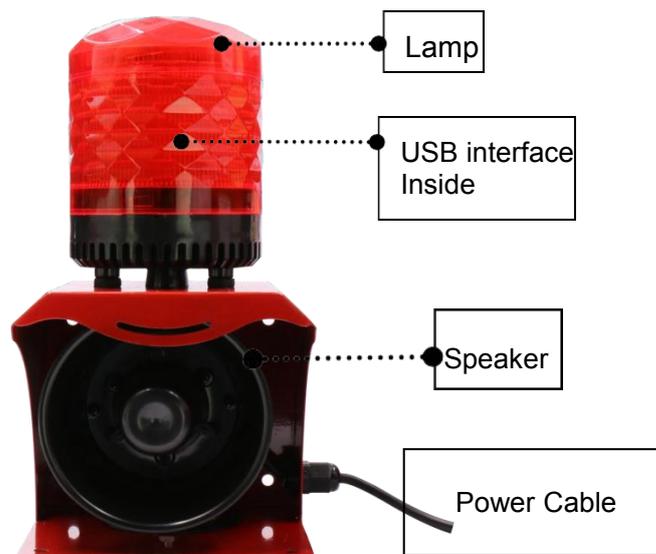➢ Weather-proof circuit technology----waterproof and dust-proof.
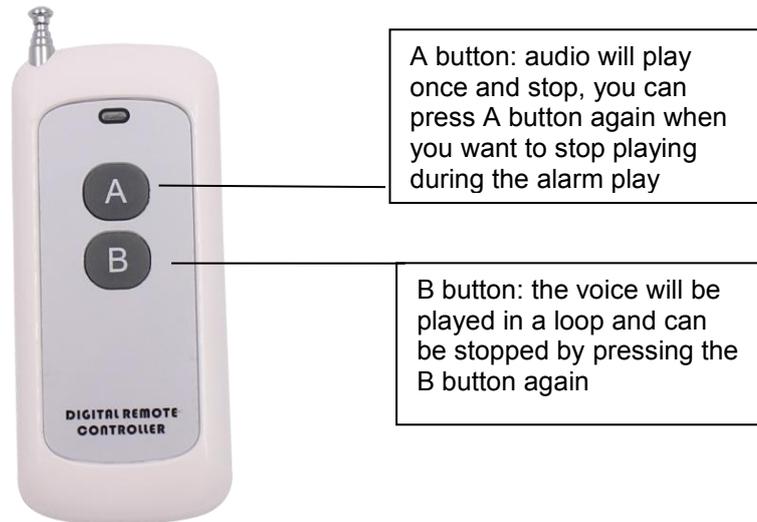
2. Electrical Parameters

Power supply	DC12V-24V，can be customized 110V,220V	
Working current	Standby status	≤20MA（DC12V）
	Playing status	≤800MA（DC12V）
Audio format	MP3	Bit rate: 16Kbps~320Kbps
Audio output power	8Ω/20W(typical value)	
Light intensity	800LUX	
Infrared remote control distance	Infrared remote control distance ≤ 5 meters, wireless remote control distance ≥ 50 meters	
Alarm loudness	≤120db	
Environment temperature	-20℃~70℃	
Protection class	IP65	
Relative humidity	10%~95%	

3. Operation guide

Installing and fixing the product, after turning on the power (note the power supply range) for 5S, the sound and light alarm can be triggered when the object passes the sensing range.
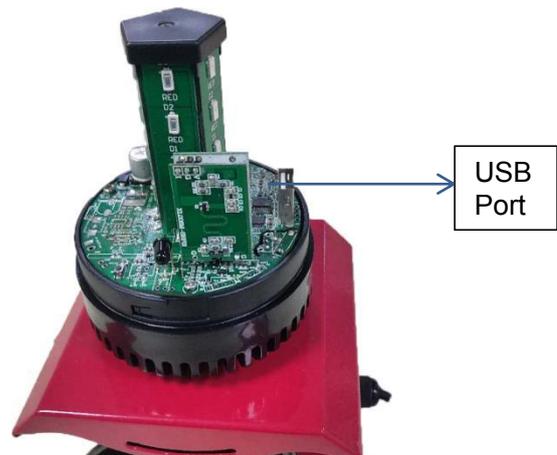
Button name	Operation	Function	Phenomenon
(power button)	Short Press	ON/OFF	Voice prompts "turn on" and "turn off"
	Long Press	reset	Prompt "restore to factory settings", about 3S light strobe, play the first voice
(blue button)	Short press 3 times in a row within 3 seconds	Power-on continuous play mode/remote control play mode switch	Voice prompt "power-on play mode", "induction play mode"
	Long Press	All Day Mode or Night Mode	All day mode light is normally on and voice is broadcast normally, Night mode light is off, only voice is broadcast
(prev/next buttons)	Short Press	Switch to previous/next track	Play previous/next audio
(VOL-/VOL+ buttons)	Short Press	volume up/volume down	replay audio
(blue button) + (VOL+)	Press the blue button and the "volume + " button within 3 seconds	Switch into 433 remote control pairing mode	The light keeps flashing during the pairing process. Automatically exits after 30 seconds without pairing

Lamp

USB interface Inside

Speaker

Power Cable

A button: audio will play once and stop, you can press A button again when you want to stop playing during the alarm play

B button: the voice will be played in a loop and can be stopped by pressing the B button again

4. Voice change

Load audio file in one USB disk,insert USB disk in USB interface in alarm lamp, Waiting for LED (in alarm lamp) flash,Copy sound successfully when flash stop and playback sound you load for one time.

USB Port

Note:

1. Only the voice content to be updated can be placed in the U disk, other files or folders cannot be placed, otherwise it cannot be copied normally;

2. The total size of the audio files in the U disk cannot exceed the built-in flash capacity, otherwise the copying will fail (the file is less than 4M).
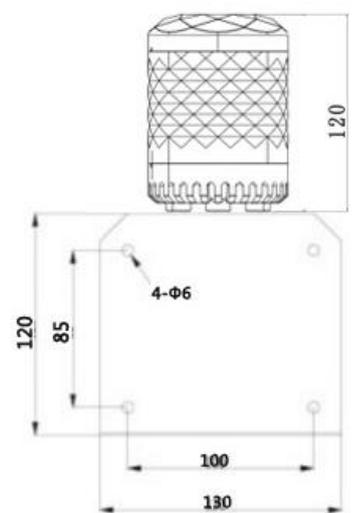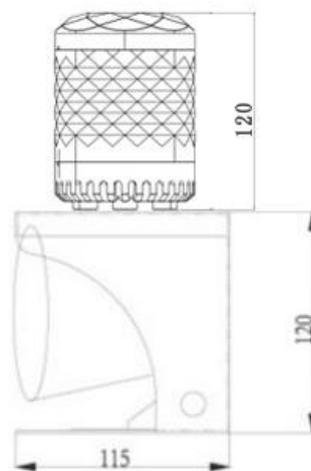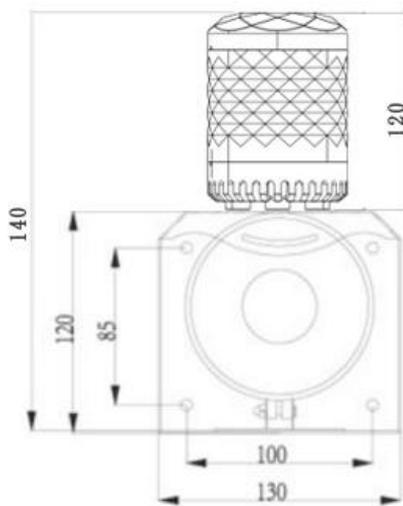
5. Installation method

Bottom mount   Wall mount

6. Product size

Indemnification

　　SHENZHEN WAYTRONIC ELECTRONIC CO.,LTD. reserves the right to modify and use information without prior notice to customers. New product specifications will be subject to the latest version

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Contact Us
Shenzhen Waytronic Electronics Co., Ltd.   Tel: +86-755-29605099   Fax : +86-755-29606626   Website: waytronicmfg.com   E-mail: info@waytronicMFG.com   Add:2/F,Building No.6,Fuan Robotics Industrial Park, Fuyong,Baoan   District,Shenzhen ,518103,Guangdong ,China