

# Home Automation

## - UTSE03 Door Bell Set

Z-Wave Series



### Specification Sheet

#### Features

- Adopt Z-Wave protocol to secure the success of wireless two-way communication
- Can download 30 seconds of high quality voice files from USB port
- Visual and audible alarm indications
- Low battery indication
- Small form factor
- IP44 for the push button
- Z-Wave V5.02
- Z-Wave Certified No. ZC08-09080016(TAC06EU)  
ZC08-09080015(TSE03EU)
- Certifications:

TAC06  
EN301489-3 V1.4.1: 2002  
EN300220-1 V2.1.1: 2006  
EN300220-2 V2.1.2: 2007  
EN60950-1: 2006  
IEC60529 ED2.1 : 2001

TSE03  
EN301489-1 V1.6.1 : 2008  
EN301489-3 V1.4.1: 2002  
EN60950-1: 2006  
EN300220-1 V2.1.1: 2006  
EN300220-2 V2.1.2: 2007  
EN301489-1 V1.6.1 : 2008

TAC06



TSE03



#### Introduction

The Wireless Door Bell(TSE03) & Push Button(TAC06) are a pair of Z-Wave™ enabled devices displaying the Z-Wave™ logo, operating at 868.42 MHz. Taking the role of a transmitter and a small Z-Wave controller, the Push Button sends signals of bell triggering to Door Bell (receiver) wirelessly after Button is pressed. The Push Button is compatible with other Z-Wave enabled devices.

The front buttons on Door Bell and Push Button provide not only the function of pressing but also the function of LED indication. Preset songs (5 by default) of Door Bell are available for sound selection, but it is also customizable as you can play own music by replacing it with your own WAV file.

The Door Bell is powered by 3 x AA 1.5V alkaline batteries and the Push Button is powered by 2 x AAA 1.5V alkaline batteries. When battery level drops below an unacceptable level, the LED on Bell will flash once every 30 seconds and flash while a song is playing, whereas the LED on Push Button will flash when Button is pressed. When this occurs, please replace the batteries as soon as possible.

#### Specification

<b>Power</b>	Operating Voltage	AA 1.5V x 3 for TSE03 Door Bell/ AAA 1.5V x2 for TAC06 Push Button
	Standby current	45uA for TSE03 / 10uA for TAC06
	Operating current	120mA for TSE03 / 30mA for TAC06
	Low battery voltage	3.4V for TSE03 / 2.5V for TAC06
	Shut down Voltage	3.0V for TSE03 / 2.4V for TAC06
<b>RF</b>	Frequency	908.42( USA)/868.42 (EU) /921(AU)MHz
	Regulation	FCC part15.249 / EN300 220-1/
	Distance	30M indoor 70M outdoor, Up to 30 m line of sight
<b>Mechanical</b>	weight	96g TSE03 /54g TAC06
	Dimension (W x H x D)	100x62x32 for TSE03 / 90.5x35x29 mm for TAC06
<b>Battery</b>	AA	2400mAh
	AAA	1200mAh
	Battery life	1 year @condition 1, 2
<b>Environment</b>	Operation Temperature	0 ~ 40° C for TSE03 / -10 ~ 50° C for TAC06
	Humidity	85%RH max
<b>Hardware</b>	sound level	70dB
	Play voice time	30sec

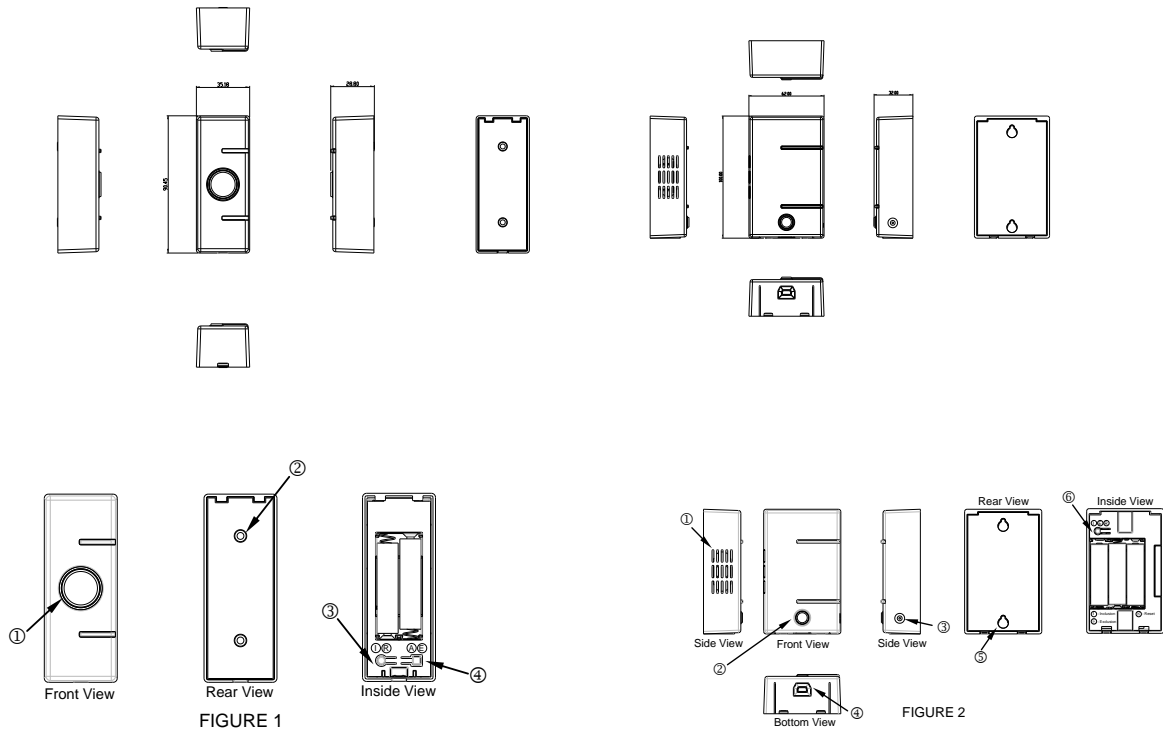
**Condition 1.** TAC06 AAA 1.5V\*2 , The trigger 10 times a day

**Condition 2 .** TSE03 Battery : AA 1.5V\*3 , The trigger 5 times a day, Time to 5 seconds

**\*\*Specifications are subject to change without notice.**

## Dimension and Placement

Unit: mm



① LED Indicator/Button	③ ①R Key
② Holes for Wall Mounting	④ A/E Key

① Horn	② LED Indicator/Music Selector	③ DC Jack
④ USB Port	⑤ Keyhole Slot	⑥ ① E R Key

### Application:

Home Automation  
Home Security  
Door Bell

### Local Contact:

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