

BJ-W5

Wireless Voting System

GONSIN[®]
Delivering Trust & Value



◆ Wireless Voting Unit **BJ-W5**

◆ Overview

By the BJ-W5 wireless voting unit, the participant can realize registration (by button pressing, inserting card, supplementary registration), voting (Yes/No/Abstain, or the customized voting way by software), evaluation(Good, Fair, Poor and Abstain or the customized way by the software), election(elect one or more from M candidates), Grading(0-100 points). The system can automatically collect the statistic of voting, election, evolution, and display the results on the big screen, projection screen and other display devices. The results can also be printed or burned into CD to preserve.

◆ Features

- ◆ Unique wireless on-site online environment detection and frequency selection, ensure the system avoid any interference;
- ◆ Two registration ways, button pressing or inserting card.
- ◆ Software customized voting or evolution ways
- ◆ OLED display screen, humanistic human-machine interaction
- ◆ Automatic alarm when the system is faulty
- ◆ Low power consumption, low emission power, comply with the global electrical design and communication design standard
- ◆ Lithium battery or AAA battery, real-time detection of battery level, dynamic display, low battery alarm
- ◆ Automatic memory of voting result when power cut off
- ◆ Isolated touch switch, anti-30000V electrostatic interference
- ◆ Anti-violation and it can normally operate after dropped from 2 meters high
- ◆ Software can turn off all voting units together
- ◆ Immune to mobile signal jammer
- ◆ Utilize wireless digital communication way



◆ Functions

- ◆ Attendance Registration: inserting card, key-press, supplementary registration; late delegate can vote supplementally; count " number of supposed attendance", "number of real attendance", "number of absence"
- ◆ Voting: delegates can vote for "Yes" "No" "Abstain" or the customized voting way by the software. Computer automatically collect statistic and display the result.
- ◆ Single voting and multiple voting
- ◆ Effective first press-key or effective last press-key

- ◆ Election: elect one or more from candidates with the support of "single-candidate election" and "multi-candidate election"
- ◆ Evaluation: four buttons to evaluate. It comes with four choices "Good", "Fair", "Poor", "Abstain", or the customized evaluation way by software.
- ◆ Grading: From 0-100 points, the initial score is 80 points, press "Yes" to increase points and "No" to reduce points.
- ◆ OLED Dynamic display of the voting process (such as " registration please, registration done, voting please, voted , please return" and etc)
- ◆ Multiple encryption and err correction during the data transmission
- ◆ Unified shutdown by software or automatic shutdown when it has not received signal for 4 hours, ensure the voting process by avoiding human misoperation

◆ Technical Specifications

Frequency range	300~800MHz
Channel transponder	24 selectable channels
Registration methods	Press-button or insert card
Communication method	10mW wireless communication with confidential agreement + multi-verification
Stable communicating distance	100m
Sensitivity	-121dBm
LCD screen	35*17.5MM 128*64 dot-matrix display OLED display
Battery display	Real-time display, low-level alarm
Battery specification	Lithium battery or three AAA batteries,
Service time	>26 hours(lithium battery)
Package	Aluminum carry case
Dimensions	150*63*22mm
Net weight	0.13Kg(excluding batteries)
operating temperature	0~45°C
Storage temperature	-20~50°C

◆ Wireless Voting Central Controller

ZJ-W5



◆ Functions

- ◆ In compliance with IEC60914 international standard
- ◆ Fashionable and elaborate appearance design with working state indicator
- ◆ It can control 200 wireless voting units to support maximum 4096 people in voting at the same time; satisfy voting needs in different conferences
- ◆ 100 meters radio frequency transceiver range, 300~800MHz communication band, supporting 24 frequency point interchange ,resistant to mobile phone signal shielding device
- ◆ Voting central controller and computer connect with network cable;multiple voting central controllers can be cascaded through switches
- ◆ With unique serial numbers, conference systems support assign ID to system devices automatically or manually.
- ◆ The unique automatic tracking two-way measurement full calibration or non-full calibration multi-integration calculation technology is used to ensure the accuracy of calculation results.
- ◆ To process multi-level error correction and encryption scrambling on data during information transmission ensure data security
- ◆ Support dual-system hot backup function to escort the conference
- ◆ The software supports unified device shutdown and no signal automatic protection shutdown, ensuring that voting will not be affected by the attendee turning off the voting unit.
- ◆ With frequency measurement, frequency selection and frequency offset correction functions, there are 24 frequency points to choose from, avoiding frequency points interference and ensuring stable and smooth communication.
- ◆ Antennas with different emission distances can be selected to meet the needs of different areas of the venue.
- ◆ Support the installation of the triangular bracket, which can be flexibly placed according to the venue environment.



◆ Technical Specification

Installation	Bracket mounting
Frequency range	300~800MHz (resistant to mobile phone signal shielding device)
Number of Frequency points	24 channels interchange
Way of communication	10mW wireless communication
Communication distance	100m
Sensitivity	-121dBm
Connection method	Network cable
Single base station capacity	200 units
Max system capacity	4096 units
Antenna length	Small: H:120mm; Medium: H:880mm
Dimensions(W*H*D)	285mm×285mm×65mm
Power	DC 12V
Net weight	1.7Kg
Maximum power consumption	<15W
Operating temperature	0~45°C
Storage temperature	-20~50°C

◆ Charging Case GX-60B

◆ Features

- ◆ Intelligent charging management
- ◆ Independent LED indicators for charging status
- ◆ Portable aluminum storage case
- ◆ Anti-misplug design for charging port



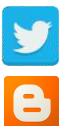
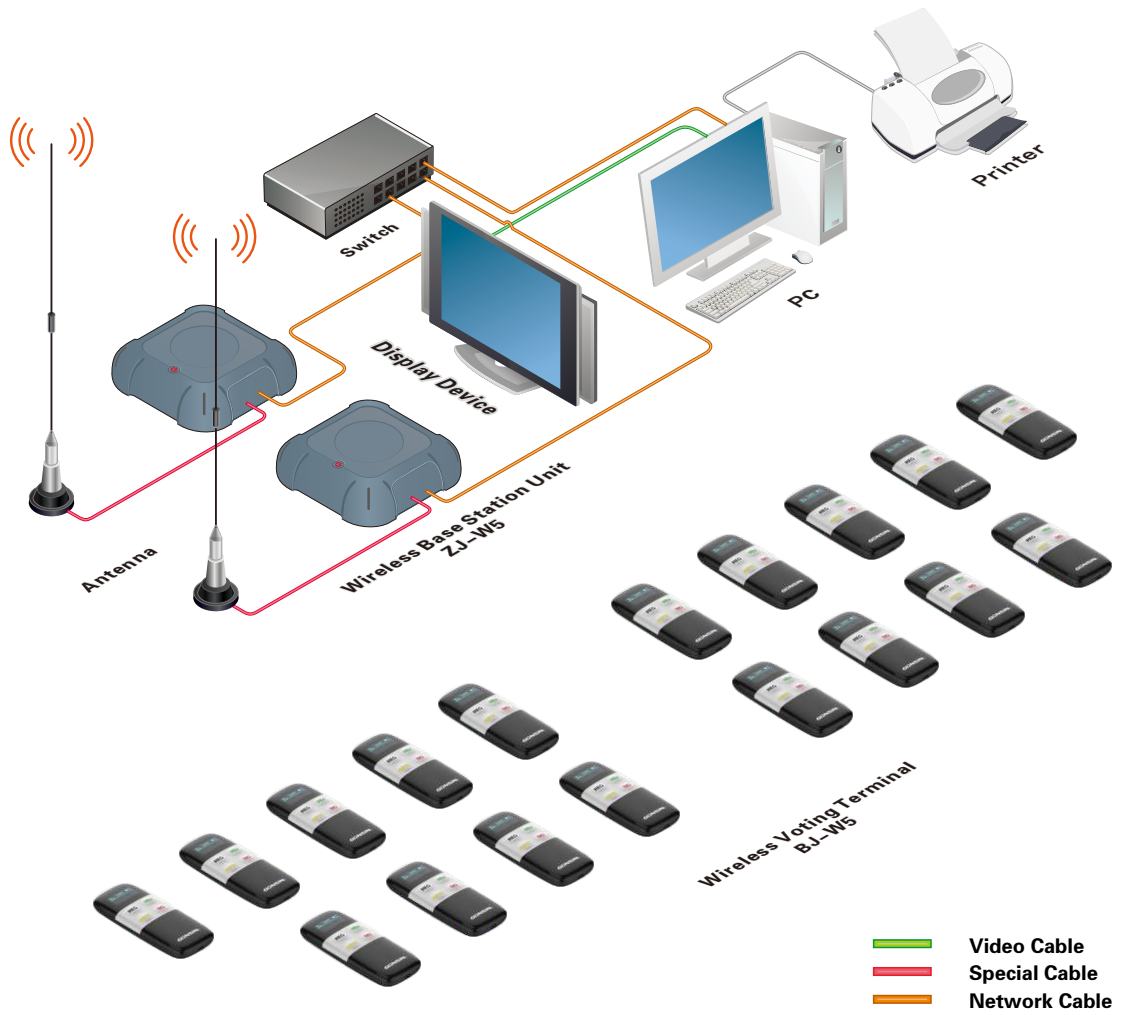
◆ Functions

- ◆ Aluminum storage flight case for charging & storage
- ◆ Accommodates up to 60 units
- ◆ Independent management for each charging port, it will automatically charge the unit with low battery, it will stop charging if the unit is fully charged to ensure the security
- ◆ Independent LED indicators for charging status
- ◆ Charging time: 2.5 hours
- ◆ Anti-misplug design for charging port

◆ Technical Specifications

Power input	AC100V~240V, 50/60Hz
Capacity	60 units
Charging time	2.5 hours
Charging indicator	LED indicator
Dimension (L×W×H)	680mm×430mm×245mm
Weight	11 Kg
Operating temperature	0°C~45°C
Storage temperature	-20°C~50°C

System diagram



All rights reserved. The information and specifications included are subject to change without prior notice.

GONSIN CONFERENCE EQUIPMENT CO.,LTD.
www.gonsin.com