
EA1000-Product functional specification

V1.0

Product Apperance



Basestation Feature

- Support all 2.4G RF keypads of EVS/ARS series
- USB port , insert and use instantly under Windows system, no need to install driver
- Without special limit to keypads quantity, recommend: single base stations for 400 keypads
- Support multiple base stations to be used at the same time (with Win7), big conference applicable through USB extension line
- Single base station- practical testing in conference: 400 M52 keypads/7 seconds
- Multiple base stations- practical testing in conference: 2000 M52 keypads/30 seconds
- FCC/CE/ROHS certificate, 2 years maintenance

Support keypads

- ARS series: M52 M50 50R
- EVS series: currently none

Specification

1. Enclosure:

- Rugged ABS plastic shell
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- Dimensions: 91mm × 31mm × 12mm (L x W x H)
- Weight :24 g

2. Display:

- 2 LED status indication lights
 - One for indicating the communication status between USB and PC
 - One for indicating the communication status between base station and keypads

3. RF technology:

- Adopting multiple channels, micro power two way RF 2.4GHz digital communication technology,
- Channels: 32 channels
- It can evaluate the communication interference condition of the 32 channels

4. Connect method:

- USB port , insert and use instantly under Windows, no need driver
- USB2.0 extension cable applicable, can reach 30 m (Options)

5. Communication Speed:

- Support multiple communication Mode (under polling speed mode, 300 keypads data can be received within 1 second)
- Single base station, 400 keypads can be firmly collected within 7 seconds
- Multiple base stations, 2000 keypads can be firmly collected within 30 seconds

6. Power:

- 5V, USB port supply power directly

7. Capacity and expansibility:

- Recommend single base station supports 400 keypads to achieve the best speed, but with no limit on actual quantity
- When adopting multiple base stations solutions, max. 8 base stations can be used at the same time
- 3200 keypads can be used in the same room under the multiple base stations mode
- Support multiple system to be used at the same time, and not interfere with each other

8. Certificate & Maintenance:

- FCC、CE、ROHS, for details please contact us.
- 2 years (limit maintenance, component and manpower), for details please consult us.