



DS-QAE-EVAC

Voice Alarm System

**System Engineering
Installation Manual**

Legal Information

©2023 Hangzhou Hikvision Digital Technology Co., Ltd. All rights reserved.

About this Manual

The Manual includes instructions for using and managing the Product. Pictures, charts, images and all other information hereinafter are for description and explanation only. The information contained in the Manual is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version of this Manual at the Hikvision website (<https://www.hikvision.com/>).

Please use this Manual with the guidance and assistance of professionals trained in supporting the Product.

Trademarks

HIKVISION

and other Hikvision's trademarks and logos are the properties of Hikvision in various jurisdictions.

Other trademarks and logos mentioned are the properties of their respective owners.

Disclaimer

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, THIS MANUAL AND THE PRODUCT DESCRIBED, WITH ITS HARDWARE, SOFTWARE AND FIRMWARE, ARE PROVIDED "AS IS" AND "WITH ALL FAULTS AND ERRORS". HIKVISION MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY, SATISFACTORY QUALITY, OR FITNESS FOR A PARTICULAR PURPOSE. THE USE OF THE PRODUCT BY YOU IS AT YOUR OWN RISK. IN NO EVENT WILL HIKVISION BE LIABLE TO YOU FOR ANY SPECIAL, CONSEQUENTIAL, INCIDENTAL, OR INDIRECT DAMAGES, INCLUDING, AMONG OTHERS, DAMAGES FOR LOSS OF BUSINESS PROFITS, BUSINESS INTERRUPTION, OR LOSS OF DATA, CORRUPTION OF SYSTEMS, OR LOSS OF DOCUMENTATION, WHETHER BASED ON BREACH OF CONTRACT, TORT (INCLUDING NEGLIGENCE), PRODUCT LIABILITY, OR OTHERWISE, IN CONNECTION WITH THE USE OF THE PRODUCT, EVEN IF HIKVISION HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES OR LOSS.

YOU ACKNOWLEDGE THAT THE NATURE OF THE INTERNET PROVIDES FOR INHERENT SECURITY RISKS, AND HIKVISION SHALL NOT TAKE ANY RESPONSIBILITIES FOR ABNORMAL OPERATION, PRIVACY LEAKAGE OR OTHER DAMAGES RESULTING FROM CYBER-ATTACK, HACKER ATTACK, VIRUS INFECTION, OR OTHER INTERNET SECURITY RISKS; HOWEVER, HIKVISION WILL PROVIDE TIMELY TECHNICAL SUPPORT IF REQUIRED.

YOU AGREE TO USE THIS PRODUCT IN COMPLIANCE WITH ALL APPLICABLE LAWS, AND YOU ARE SOLELY RESPONSIBLE FOR ENSURING THAT YOUR USE CONFORMS TO THE APPLICABLE LAW. ESPECIALLY, YOU ARE RESPONSIBLE, FOR USING THIS PRODUCT IN A MANNER THAT DOES NOT INFRINGE ON THE RIGHTS OF THIRD PARTIES, INCLUDING WITHOUT LIMITATION, RIGHTS OF PUBLICITY, INTELLECTUAL PROPERTY RIGHTS, OR DATA PROTECTION AND OTHER PRIVACY RIGHTS. YOU SHALL NOT USE THIS PRODUCT FOR ANY PROHIBITED END-USES, INCLUDING THE

DEVELOPMENT OR PRODUCTION OF WEAPONS OF MASS DESTRUCTION, THE DEVELOPMENT OR PRODUCTION OF CHEMICAL OR BIOLOGICAL WEAPONS, ANY ACTIVITIES IN THE CONTEXT RELATED TO ANY NUCLEAR EXPLOSIVE OR UNSAFE NUCLEAR FUEL-CYCLE, OR IN SUPPORT OF HUMAN RIGHTS ABUSES.

IN THE EVENT OF ANY CONFLICTS BETWEEN THIS MANUAL AND THE APPLICABLE LAW, THE LATTER PREVAILS.

Symbol Conventions

The symbols that may be found in this document are defined as follows.

Symbol	Description
 Danger	Indicates a hazardous situation which, if not avoided, will or could result in death or serious injury.
 Caution	Indicates a potentially hazardous situation which, if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
 Note	Provides additional information to emphasize or supplement important points of the main text.

TABLE OF CONTENTS

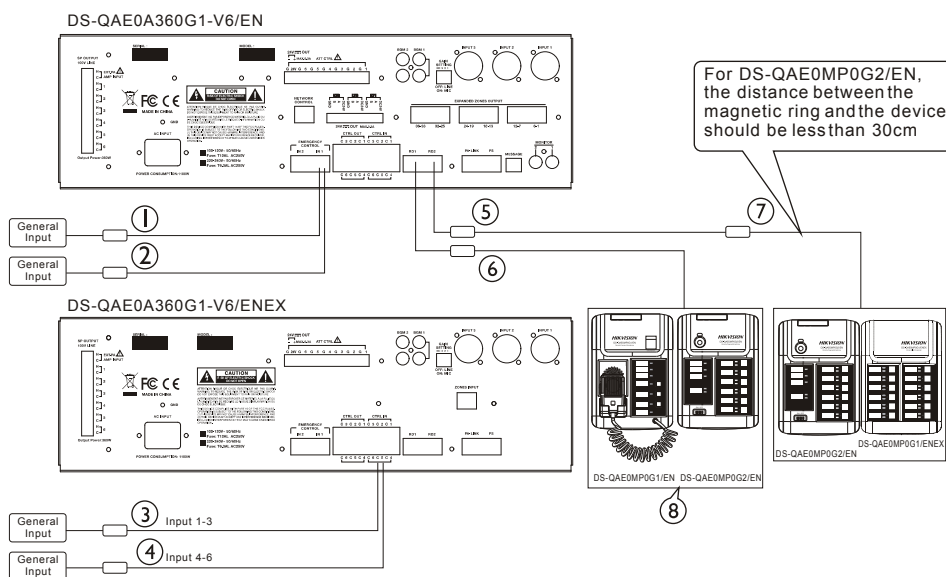
Chapter 1 Magnetic ring fixing problem.....	1
1. If EN54-16 standard is required, you need to add a magnetic ring to the following port lines.....	1
2. After the wire is hung on the magnetic ring, it should be fixed, and the magnetic ring can be fixed between 12U and 18U of the cabinet with a cable tie	2
Chapter 2 Wiring.....	3
Chapter 3 DS-QAE0MP0G1/EN installation method	4

Chapter 1 Magnetic ring fixing problem

1. If EN54-16 standard is required, you need to add a magnetic ring to the following port lines

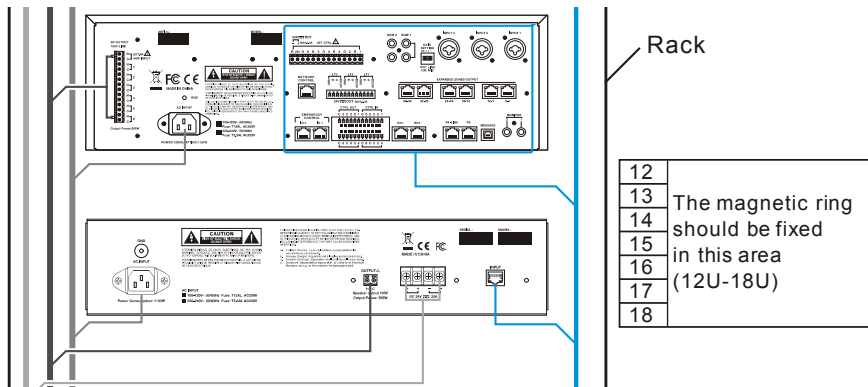
1. Remote control device interface
2. Control input
3. DS-QAE0MP0G1/EN input
4. DS-QAE0MP0G2/EN input
5. General external control input 1-3
6. universal external control input 4-6

The following figure shows the wires that need to be added with a magnetic loop



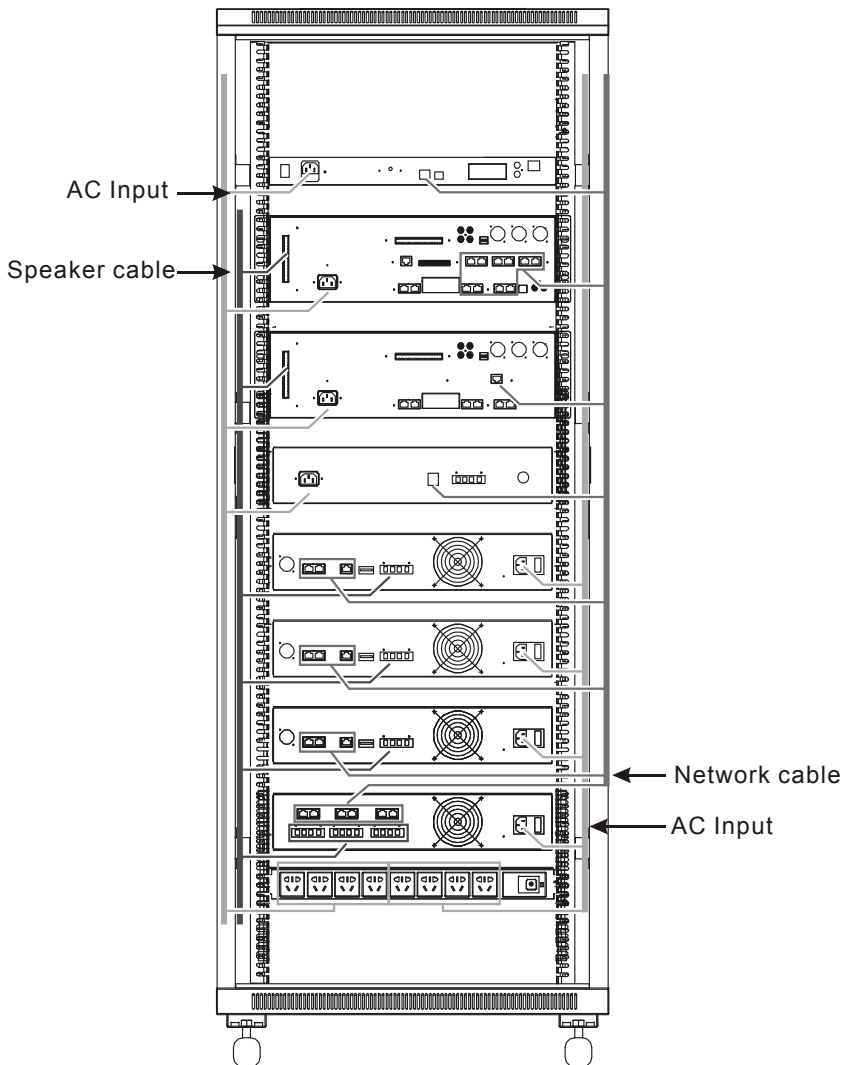
- ①② The position of the magnetic ring should be close to the end of the device, and it should be wound once. The distance between the ports of the magnetic ring device should be less than 80 cm;
- ③④ The position of the magnetic ring should be close to one end of the equipment, and it should be wound once. The distance between the ports of the magnetic ring device should be less than 30 cm;
- ⑤⑥ The position of the magnetic ring should be placed close to the end of the DS-QAE0MP0G2/EN, wrapped around it, and the distance of the magnetic ring device port should be less than 30cm;
- ⑦ The speical-use housing (SKK PN# HK221612) with magnetic ring built in.

2. After the wire is hung on the magnetic ring, it should be fixed, and the magnetic ring can be fixed between 12U and 18U of the cabinet with a cabletie



Chapter 2 Wiring

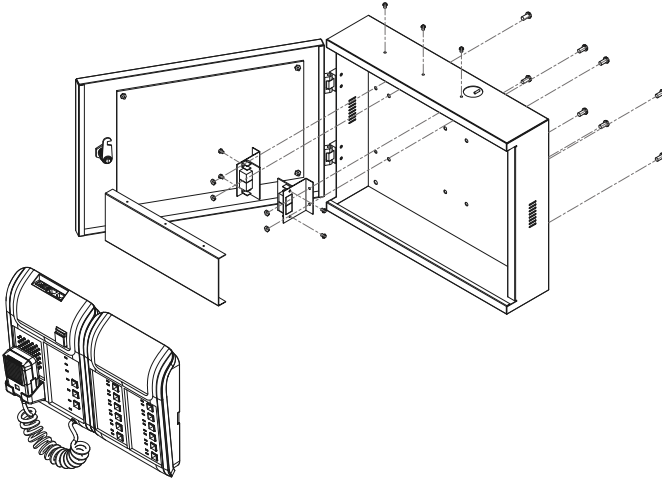
When arranging cables, please follow the direction of large signals to the left and small signals to the right, that is, the power and output lines of the power amplifier are on the left side of the cabinet, and the control signals are on the right side, as shown in the figure below.



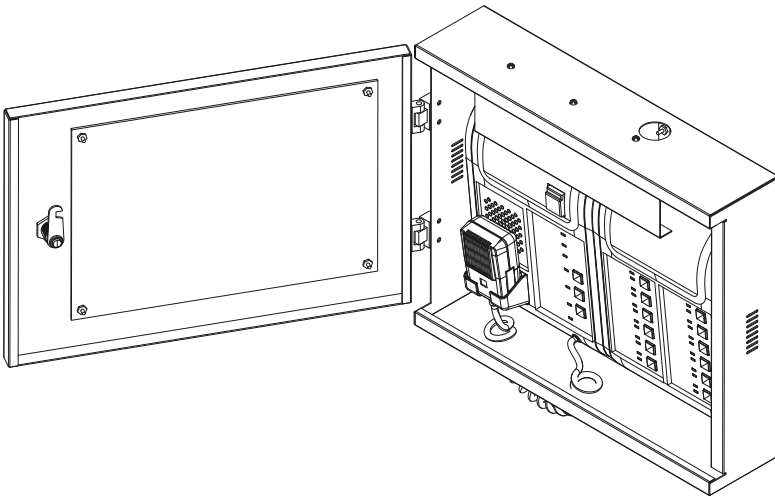
Chapter 3 DS-QAE0MP0G1/EN installation method

The general installation diagram of DS-QAE0MP0G1/EN is as follows

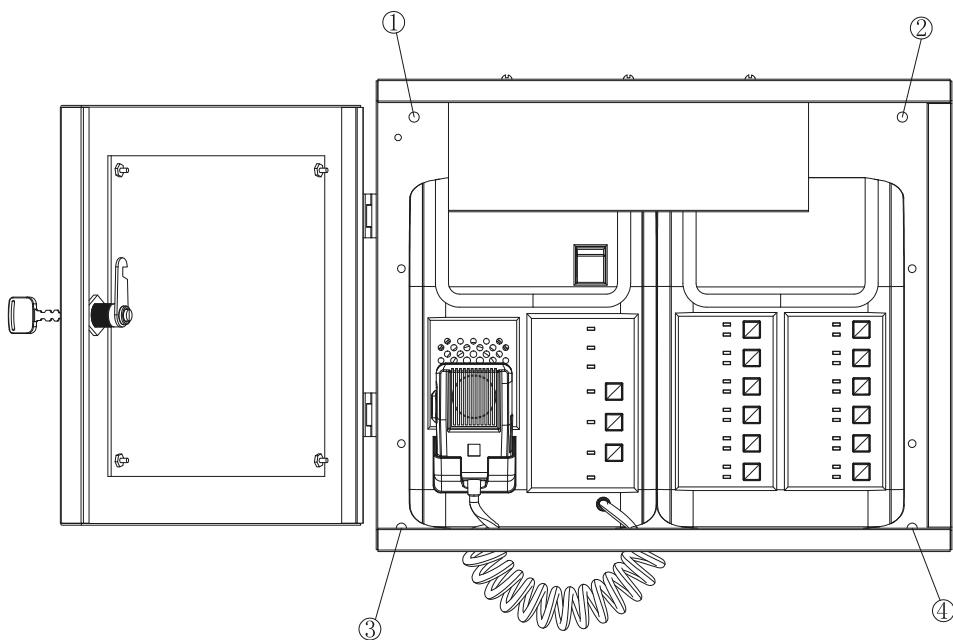
Step 1: attach the DS-QAE0MP0G1/EN and the connection fixing rack lock together.



Step 2: Attach the enclosure to the wall of the planned area.



Mark four screw holes on the wall, punch holes and lock. ①②③④



HIKVISION