

Kiddigate® Installation Notes

Thank you for purchasing your Kiddigate gate system. To ensure the long life of the system and its components, these units should be cleaned, checked, maintained and tested as part of your building maintenance program.

Installation

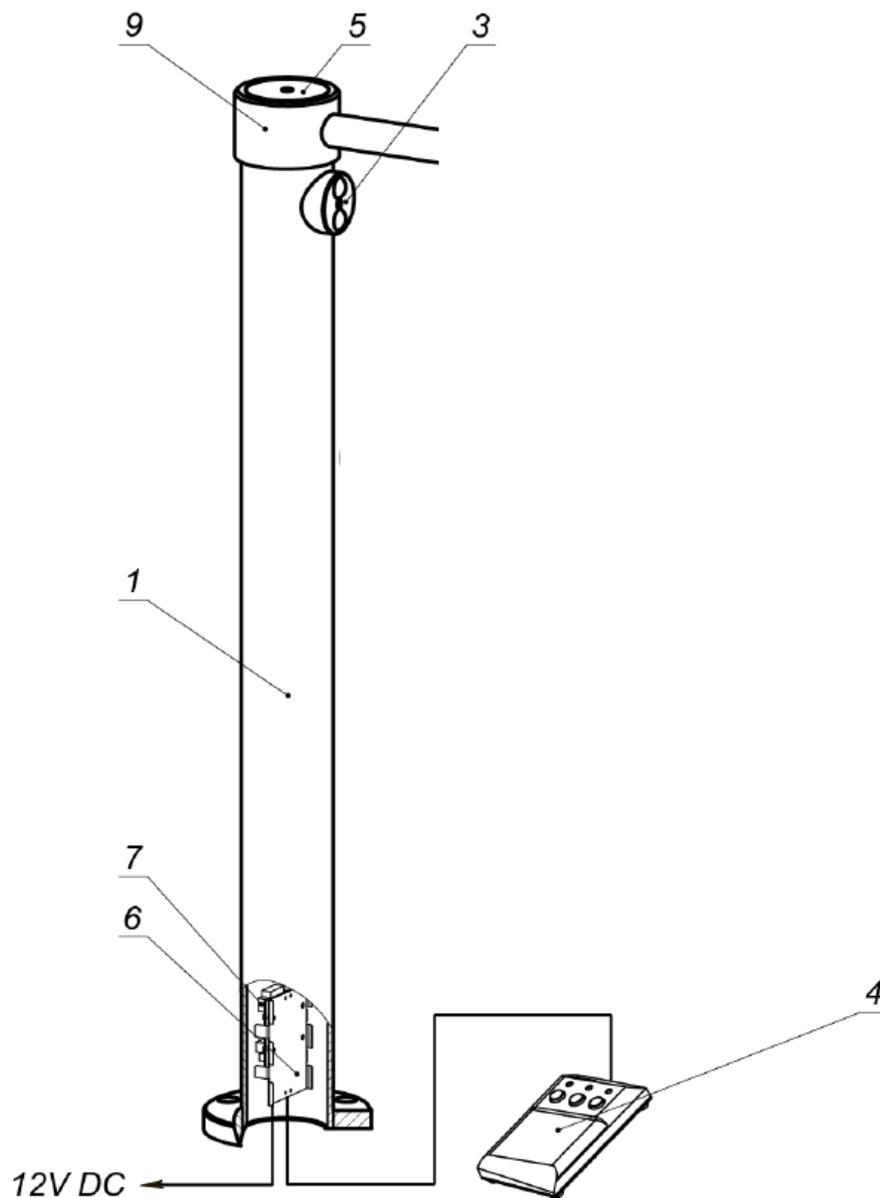


Figure 2. General view:

1 – gate post, 3 – indication module, 4 – RC panel with cable (ACS controller¹/ WRC device¹), 5 – cover, 6 – bracket, 7 – switching module, 9 – rotation unit.

Please NOTE that all the electrical work detailed here should be carried out by a qualified electrician or specialist security engineer.

Fixing and Wiring Instruction's For Gate Post Assembly.

The Kiddigate post and control system must be installed as per the fitting and testing instructions that are supplied with the gate post system.

1. Secure gate post to the ground as per the post fixing instructions supplied.
Use appropriate Anchor bolts, Chemical Anchors, Coach Bolts. (Not supplied).
Note that the manual recommends fixing to a rigid, typically concrete, floor.
 - Softer or weaker floors, may need additional reinforcing to ensure a rigid fix.
 - Never try to install the post on top of a carpet or foam floor surface.
 - Always check for underfloor heating, or other buried pipe or wiring.
2. Connect the 2-core 12V DC cable to connections in gate post as per wiring instructions.
3. Connect the 8-core remote control panel cable as per wiring instruction's (7 cores used)
4. If required, provide and connect a 2-core fire alarm cable as indicated in the manual.
(common /normally closed going open on alarm)
5. Fix the wall mounted power supply near to a 240V socket, and within 10M of the gate post, in a dry area. Connect this to the 240Vsupply via either a fused switched spur, or a 3-pin plug/wall socket.
6. Connect the 2-core 12V DC cable into the power supply.
7. Fit and connect the battery pack inside the power supply unit.
8. Switch on and test as per gate post instructions.
9. Test the battery back-up when charged, by switching of the mains electricity to the unit.
Test and check that on fire alarm activation, gate condition changes from red to green.
10. Finally re-check security of all bolts and fixings.

If you require further information about fitting, please phone Monday To Thursday 08.00 to 16.30 and Friday till 14.00 on 0141 945 4243.

In the event that you require an instruction manual or sizes out of hours, please visit www.perco.com, find the WHD-05 model and download the manual. This covers the gate post and remote control, but not the swing panel or power supplies.

Fixing Kiddigate Arm Assembly.

1. Remove screw from top of the gate post
2. Lift off the black cover plate from top of post.
3. Slide arm unit into gate socket and align with the threaded screw holes.
4. Fix the stainless socket head bolts into gate arm and tighten fully with supplied Allen key.

Testing

It is essential that you test your gate to ensure that it is operating correctly. Test on a regular basis or at the start of the working day to ensure that the gate is locked and the red light illuminated.

Check that the gate opens when the fire alarm activated if connected and test that the internal battery pack is holding the gate closed with power removed.

We recommend that the gate operation is tested as part of your fire alarm and emergency evacuation plan.

Any additional barrier work supplied with your system or by others should be checked and inspected at the same time including floor bolts etc.

Cleaning.

The gates should be cleaned as part of your building maintenance program, the gates and components are required to be cleaned subject to the location and build-up of contaminants.

A damp cloth will clean most surfaces however the infill panels are made of acrylic and must be cleaned with fluids or sprays that have been designed for this purpose and no harsh or abrasive substances should be used as this will permanently damage the top surface of the material.

The cleaning of any surfaces that may have hand contact such as the polished or powdered gate arms, should be cleaned with non-abrasive anti-bacterial cleaner's that are used as part of your padding cleaning and sanitation programme.

Maintenance

Your Kiddigate system will require routine preventive maintenance subject to the environment, volume of use and abuse.

All fixing bolts for all units require to be checked on a regular basis, we recommend not less than six months from install and every six months on going.

The gate insert panels may need tightened, especially if the gate and barrier work is subject to high levels of use, this includes banging on the gate when locked, jumping or kicking the gate when locked, climbing on the gate or barrier work.

We strongly recommend that these practices and activities are controlled as abuse or misuse of the gate and its systems could potentially invalidate the warranty of the gate system.

The gate power supply should be mounted in a dry well ventilated location and must not be boxed in as access will be required to test the system and the batteries.

The battery backup (sealed lead acid cells should be tested as per your fire alarm. These cells are designed for trickle charge only via the approved power supply unit. No other charging should be carried out.

The batteries are deemed as a consumable item and may need to be replaced subject to local conditions.

These batteries should be available from your local fire or intruder alarm company, please contact ourselves if you have any problems with the supply of these units.

Spare parts are available for all units from ourselves, we will be pleased to quote for any units that you may require are part of your maintenance programme.

Kiddigate® is a registered trade mark of Directional Data Systems Ltd Glasgow Scotland
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