

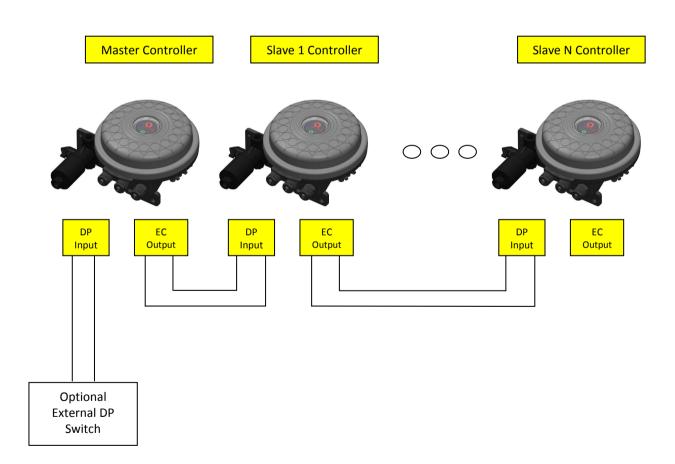
# **Annex A. Chaining ADI-P Controllers:**

#### **General:**

In order to operate a battery of filters flushing according to a single DP switch (either internal or external), it is possible to daisy-chain few ADI-P controllers for the job.

The D.P. switch that reads the pressure drop across the battery is the internal DP switch of the first controller of the chain (the Master) or an external DP switch connected to the master controller. The End of Cycle output of the master controller is connected to the External D.P. input of the second controller of the chain (the first slave) and this controller EC output is connected to the D.P. input of the nest. This type of connection can be spanned over as many controllers as needed.

When the actual D.P. switch send a signal, the master controller starts a flushing cycle, once this cycle is completed the master controller sends a signal through its EC output to the second controller to start its flushing cycle, and so on till the last controller in the chain as illustrated in the following drawing.



Important Note: Please make sure that the DP delay in the chained controllers is set to not longer than 5 seconds. This ensures proper transition from the last filter in the first controller to the first filter in the next controller.







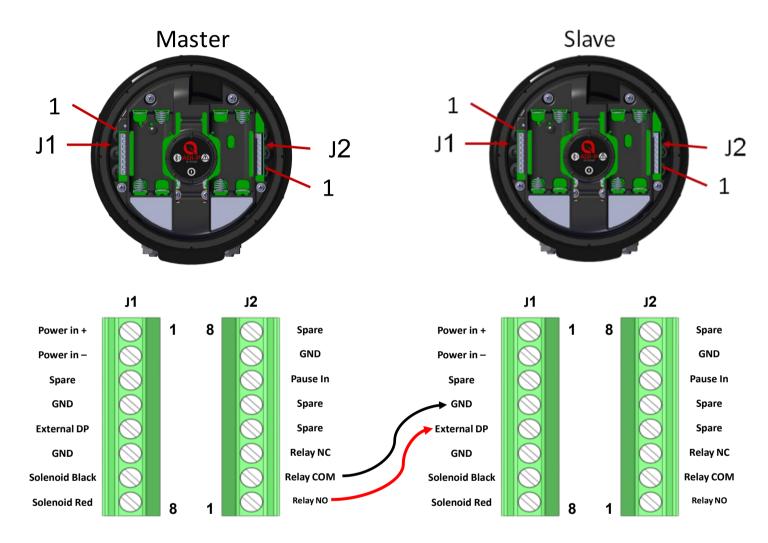
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### **Connection Instructions:**

The connecting process is divided into two stages; the first stage is the wires connection and the second stage is the setting of the controller's application for chained operation.

### **Stage 1: Wires Connection**



- 1. Connect between the NO relay output of the master controller and the external DP input of the Slave controller. Important: for your safety and for not damaging the controller remove the batteries before starting the wiring process.
- 2. Make sure that the wires gauge (the diameter of the cable) used is similar to the solenoid wires gauge (~4 mm) this is critical for maintaining the IP65 rating of the controller (water and dust proof).





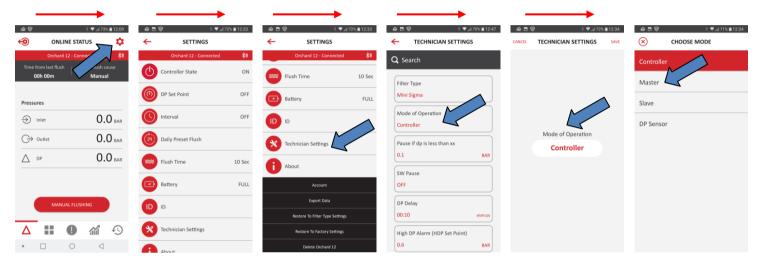




#### Stage 2: Setting the Application

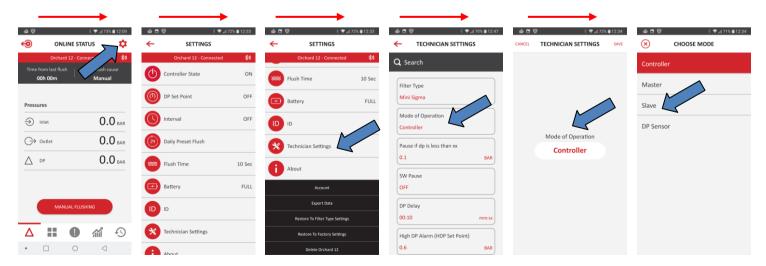
Connect the Adi-P application to the master controller and perform the following:

- A. On the top left side of the home screen click on the settings (the gear shaped) Icon.
- B. Scroll down through the setting screen.
- C. Select the technician settings.
- D. Enter the password 1234.
- E. In the technician settings screen select the "mode of operation" tab.
- Click on the current status of the controller (generally this is "controller")
- G. Select the desired master mode for the current controller.



Disconnect the Adi-P application from the master controller, connect it to the controller to be the slave controller, and perform the following:

- A. On the top left side of the home screen click on the gear shaped Icon.
- Scroll down through the setting screen.
- C. Select the technician settings.
- D. Enter the password 1234.
- In the technician settings screen select the "mode of operation" tab.
- Click on the current status of the controller (generally this is "controller")
- Select the desired slave mode for the current controller.



Check the controllers operation by starting a flush cycle through the application or by the controller's button.







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## **Amiad Limited Warranty**

This certificate applies to Amiad Products purchased by You from Amiad or an Amiad authorized Distributor ("Distributor"). This limited warranty extends only to the original purchaser, and is not transferable to anyone who subsequently purchases, leases, or otherwise obtains the Product from the original purchaser.

- Amiad hereby warrants that the Products are and will be free from defects in material and workmanship under normal use and 1. service. Amiad warrants that it will correct manufacturing defects in the Products, in accordance with the conditions set out in this
- 2. This warranty is enforceable for a period of 12 months after the date Bill of Lading or equivalent (the "Warranty Period").
- In the event that during the Warranty Period the Distributor discovers a defect in material and/or workmanship in any Product or 3. part (the "Defective Product"), it shall submit a written complaint to Amiad using Amiad's standard customer complaint form. For the receipt of the customer complaint form, the submission of the complaint or any questions please contact your customer service representative.
- Upon written demand by Amiad the Distributor shall return the Defective Products or a sample thereof to Amiad, at Amiad's Δ cost. If the customer ships any such Product, Amiad suggests the customer package it securely and insure it for value, as Amiad assumes no liability for any loss or damage occurring during shipment. Provided however that in the event Amiad determines that the warranty does not apply to such Product. Distributor shall promptly reimburse Amiad for such cost (including freight and customs). Any returned Product or part must be accompanied by the warranty certificate and the purchase invoice. It is clarified that the Distributor may not return the Defective Product unless such return was coordinate and approved by Amiad in advance.
- 5. Amiad's obligation under this warranty shall be limited to, at its option, the repair or exchange, free of charge, of the Product or any part which may prove defective under normal use and service during the Warranty Period. The provision of a repaired or replacement Product during the Warranty Period will result in an extension of the Warranty Period by an additional period of 12 months, provided that the total accumulated Warranty Period shall in any event be no more than 18 months from the original Bill of Lading.
- This warranty is valid on the condition that the Products are installed according to Amiad's instructions as expressed in Amiad's instruction manuals and according to the technical limitations as stipulated in Amiad's literature or as stated by a representative of Amiad.
- 7. This warranty will not apply to damaged or defective Products resulting from or related to:
  - (i) Fire, flood, power surges or failures or any other catastrophe/and or unforeseen occurrence, such as but not limited to those for which the customers are customarily insured;
  - (ii) Fault, abuse or negligence of the customer;
  - (iii) Customer's responsibilities, including the failure of the intake water to meet the agreed standards, as set forth in a written document, approved by Amiad or improper storage.
  - (iv) Improper or unauthorized use of the Product or related parts by the customer, including the customer's failure to operate the Product in conformity with the recommendations and instructions of Amiad, as set forth in Amiad's manuals and other written materials, the operation of the Product other than by a trained and qualified operator, or improper installation of the Product by a third party not authorized by Amiad;
  - (v) Performance by the customer of maintenance and other services other than by a trained and qualified advanced operator, or other than in conformity with the recommendations and instructions of Amiad, or other than in accordance with procedures defined in the literature supplied for Products;
  - (vi) Any alteration, modification foreign attachment to or repair of the Products, other than by Amiad or its authorized technical representatives.
- 8. In no event shall Amiad be liable to the customer or any third party for any damages, including indirect, special, exemplary, punitive or consequential damages, or lost profits arising out of or in connection with this warranty, or arising out of or in connection with the Product's performance or failure to perform, even if it has been advised of the possibility of such damages.
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- The limited warranty set forth herein is the only warranty given by Amiad and is provided in lieu of any other warranties created by 10. any documentation, packaging or otherwise.
- Amiad makes no warranty whatsoever in respect of accessories or parts not supplied by Amiad. In the event that Amiad is required to correct a defective Product or product not covered by this warranty, it will do so solely in consideration for additional fees.





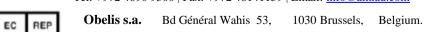








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