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SMARTRISE Hydro Evolved Hydraulic Controller



Specifications

- Product Name: Hydro: Evolved Controller Package
- Version: 1.0

- Date: July 8, 2025

Product Usage Instructions

Package Contents

The Hydro: E evolved Controller Package includes the following components:

- Unistrut
- Controller Car Top
- Inspection Box, Light Guard, 15ft CAT5
- COP SRU Board
- Enclosure Keys, USB, Hydro: Evolved User Manual, Soft Starter User Manual
- Landing Tape
- CAT5 Package

Assembly Instructions

1. Unbox the Controller Package carefully.
2. Identify each component based on the provided images in the manual.
3. Follow the installation steps outlined in the Hydro: Evolved User Manual.
4. Connect the necessary cables and components as per the instructions.
5. Refer to the Soft Starter User Manual for additional guidance if needed.

Powering On and Testing

1. Ensure all connections are secure.
2. Power on the Controller following the specified guidelines.
3. Test the functionality of the system by performing a trial run.
4. Adjust settings as necessary based on the user manual.

Date

July 8, 2025

- **Version 1.0**
- **Summary of Changes** Initial Release

Hydro: Evolved Controller Package Contents

Two-Stop Hydro: Evolved Package Contents

- This document outlines the components included in a standard two-stop Hydro: Evolved controller package from Smattrise.



Figure 1: Controller Package Sample Unboxed



Figure 2: Controller Hardware Sample Unboxed



Figure 3: Unistrut

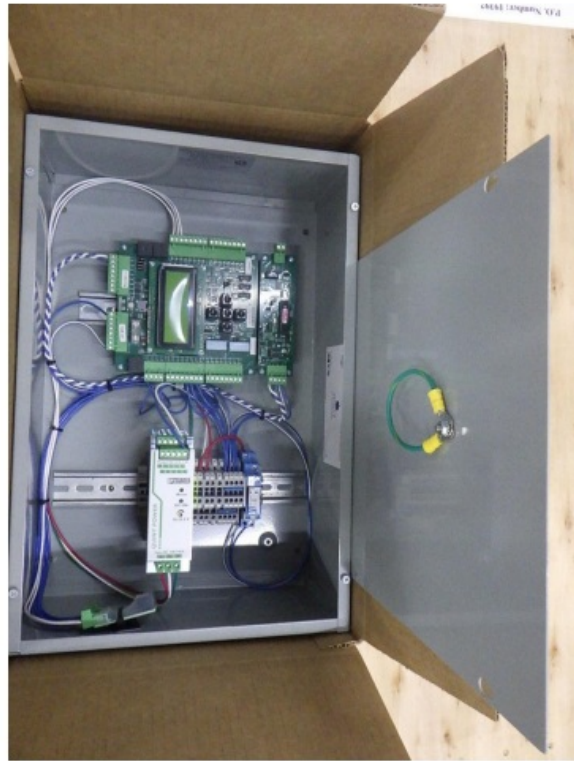


Figure 4: Controller Car Top



Figure 5: Inspection Box, Light Guard, 15ft CAT5



Figure 6: COP SRU Board



Figure 7: Enclosure Keys, USB, Hydro:Evolved User Manual, Soft Starter User Manual



Figure 8: Landing Tape Unboxed



Figure 9: Landing System Tape Hardware – DZ Blade, Camera, Extension, Upper & Lower Tape Mount, Landing System User Manual



Figure 10: CAT5 Package

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Safety Instructions

1. Read the Manual Before Use

- Carefully read and understand all instructions before installation, operation, or maintenance of the hydraulic controller.
- Keep the manual accessible for reference.

2. Qualified Personnel Only

- Installation, setup, troubleshooting, and maintenance should only be performed by authorised elevator technicians.
- Do not allow untrained personnel to operate or adjust the controller.

3. Power Isolation

- Disconnect all electrical power sources before servicing or wiring the controller.
- Verify that the main disconnect switch is in the OFF position before touching any internal components.

4. Lockout/Tagout (LOTO)

- Follow approved lockout/tagout procedures to prevent accidental startup while

performing maintenance.

5. Avoid Electrical Hazards

- Do not operate the controller with damaged cables, exposed wires, or loose connections.
- Ensure all grounding connections are secure to avoid shock hazards.

6. Hydraulic Safety

- Release hydraulic pressure before working on valves, hoses, or fittings.
- Wear protective gloves and eye protection when handling hydraulic fluids.

7. Fire and Heat Precautions

- Keep flammable materials away from the controller and hydraulic equipment.
- Ensure adequate ventilation to avoid overheating.

8. Environmental Conditions

- Protect the controller from water, excessive humidity, dust, and extreme temperatures.
- Do not store or operate in areas prone to flooding or condensation.

9. Component Protection

- Never bypass or disable safety circuits such as limit switches, door locks, or emergency stop functions.
- Use only SMARTRISE-approved parts and accessories.

10. Post-Maintenance Checks

- After servicing, confirm all covers are securely in place.
- Perform a controlled test run to ensure safe and correct operation before returning the elevator to service.

FAQs

Q: What should I do if I encounter issues during installation?

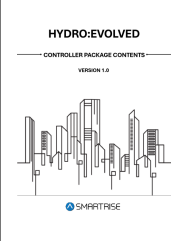
A: If you face any difficulties during installation, refer to the troubleshooting section of the user manual or contact Smartrise customer support for assistance.

Q: Can I extend the CAT5 cable length?

A: It is recommended to avoid extending the CAT5 cable beyond the provided length

to maintain optimal performance and signal integrity.

Documents / Resources

	SMARTRISE Hydro Evolved Hydraulic Controller [pdf] User Guide Hydro Evolved Hydraulic Controller, Evolved Hydraulic Controller, Hydraulic Controller, Controller
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References

- [User Manual](#)

■ SMARTRISE
♦ controller, Evolved Hydraulic Controller, Hydraulic Controller, Hydro Evolved Hydraulic Controller, SMARTRISE

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