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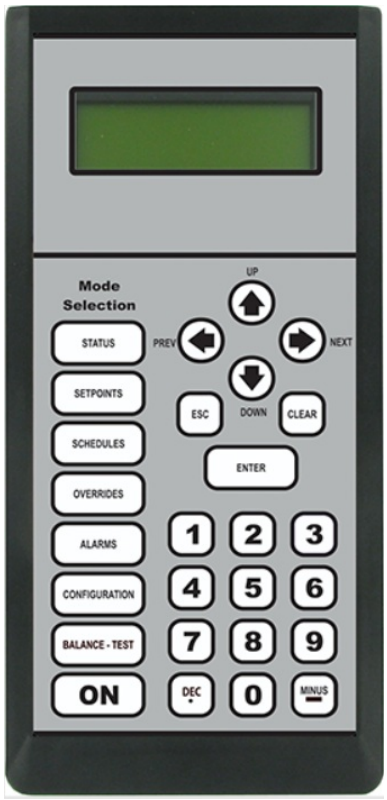
AAON ASM01895 Modular Service Tool SD



Modular Service Tool SD ASM01895

Stay in control with customizable control solutions. AAON offers a wide range of control solutions to optimally regulate and monitor the operation of your HVAC systems.

Physical

Monitor and Configure AAON Controllers

The Modular Service Tool SD (commonly referred to as the Hand-Held or Service Tool) provides a direct link to view the status, configure, and adjust the setpoints of various controllers including VCCX2, VCCX-454, VCCX-IP, VCC-X, VCM-X, VCMX E-BUS, SA E-BUS, RNE, VCB-X, VCM, VAV/CAV, MUA II or VAV/Zone Controller on the control system communications loop.

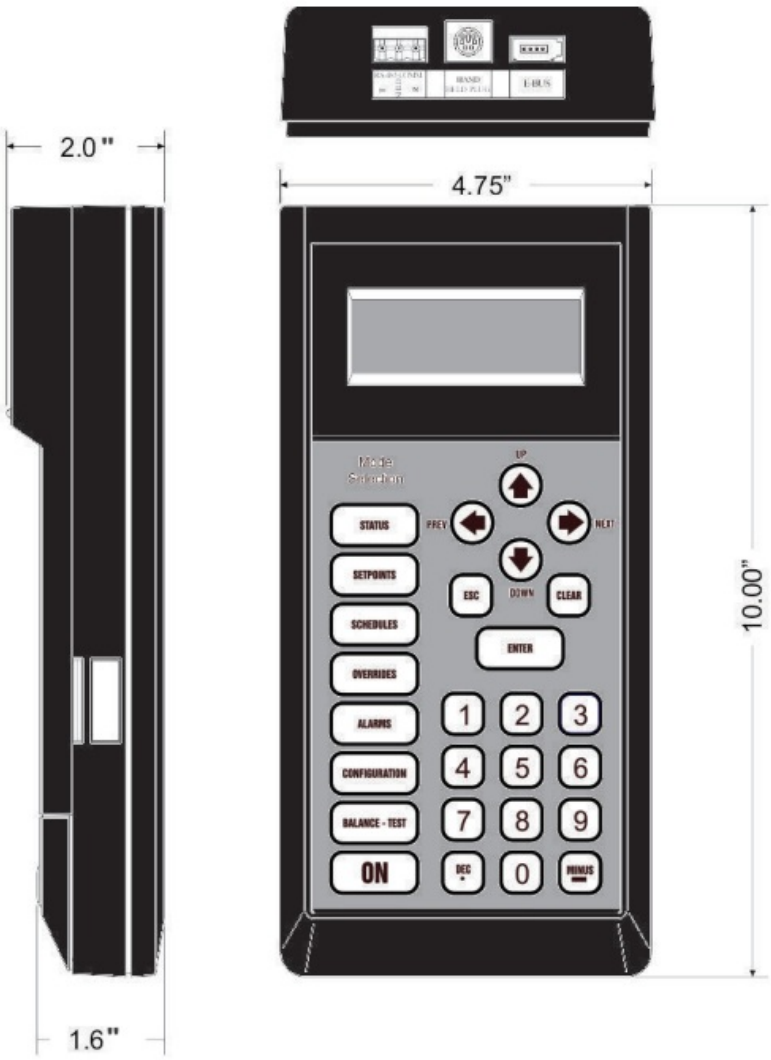
The included mini-Din cable allows you to connect the Service Tool to most AAON controllers that have a mini-Din connector socket for configuring, monitoring, and troubleshooting purposes. The Service Tool also has an RS-485 terminal block for connecting to the VAV/Zone Controller or other controllers that do not have a mini-Din connector. The Service Tool is also equipped with an E-BUS port. The E-BUS port and included E-BUS cable are used for updating E-BUS Module software.

Electrical and Environmental

Power	(4) AA (1.5V) Batteries Supplied
Power Switch	Membrane Switch
Operating Temperature	10°F to 149°F
Operating Humidity	0-95% RH Non-Condensing
Keypad	27 Key Membrane
SD Memory Card	Programmable 4 GB
Display	4 Line by 20 Character
Network	RS-485
Protocol	HSI Open Protocol Token Passing
Communications	RS-485 9,600 or 57,600 Baud
Connections	RS-485 and E-BUS Ports

Contact AAON Support for Technical Assistance: www.aaon.com/contact

Dimension



Installation

Quick Start Guide

1. **Step** 1 Download the Modular Service SD Quick Start Guide from the SD card, or from www.aaon.com/aaon-controls-technical-support under Operator Interfaces.
2. **Step** 2 Make note of the unit controller's or module's address. You will need this for communication.
3. **Step** 3 Connect the Service Tool to the controller or module, apply power to the controller or module, then power up your Service Tool by pressing the **ON** button.
4. **Step** 4 After initialization, the screen will display two options: 1) Set Time & Date. 2) Communications. Select option 1 by pressing **1** and set the Time & Date, following the instructions in the Modular Service SD Quick Start Guide.
5. **Step** 5 Select option 2 Communications by pressing **2**. Set the communications or operation mode to Lo Speed Stand Alone, Hi Speed Stand Alone, Lo Speed Network,

or Hi Speed Network, following the instructions in the Modular Service SD Quick Start Guide.

6. **Step** 6 Press **Esc** to exit the setup screens. The Service Tool Main Screen should appear, displaying the software version number, time, date, and operating mode. You are now ready to configure your controller or module.

Scan the code for additional product information.

Specifications

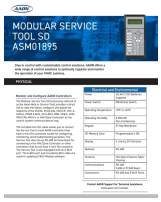
Dimensions	10.00″ x 4.75″ x 2.00″
Side Thickness	1.6″

Scan the code for additional product information

FAQ

- **What is the purpose of the Modular Service Tool SD?**
  - It provides a direct link to view the status, configure, and adjust the setpoints of various AAON controllers.
- **How do I connect the Service Tool to a controller?**
  - You can use the included mini-Din cable or the RS-485 terminal block for controllers without a mini-Din connector.
- **What power supply does the tool require?**
  - It uses four AA (1.5V) batteries.

Documents / Resources

	AAON ASM01895 Modular Service Tool SD [pdf] Instruction Manual ASM01895, VCCX2, VCCX-454, VCCX-IP, VCC-X, VCM-X, VCMX E-BUS , SA E-BUS, RNE, VCB-X, VCM, VAV-CAV, MUA II, VAV-Zone Controller, ASM01895 Modular Service Tool SD, ASM01895, Modular Service Tool SD, Service Tool SD, Tool SD

References

- User Manual

AAON

AAON, ASM01895, ASM01895 Modular Service Tool SD, Modular Service Tool SD, MUA II, RNE, SA E-BUS, Service Tool SD, Tool SD, VAV-CAV, VAV-Zone Controller, VCB-X, VCC-X, VCCX-454, VCCX-IP, VCCX2, VCM, VCM-X, VCMX E-BUS

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