

M1XSP – Carrier Infinity HVAC System Preliminary Firmware Release Notes, **Version 40.0.5**

M1XSP firmware specifically for support of Carrier Infinity HVAC System.

Requirements:

ELK-M1G or ELK-M1EZ8 Control.

ELK-M1XSP Serial Port Expander.

System Access Module (SAM) for a Carrier Infinity Communication HVAC system.

M1XSP Configuration:

- ✓ Select a data bus address from 1 to 7 using the 4-position dip switch and enroll the M1XSP into the M1 system.
- ✓ Update the M1XSP with firmware version **40.0.5** or greater.
- ✓ Set Mode Jumpers S5 = 1, S6 = 1, S7 = 1, S8 = 1.
- ✓ Set Baud Rate Jumpers: S1 = 1, S2 = 1, S3 = 1.
- ✓ Select “232” for JP3.
- ✓ Remove the Jumper JP5.
- ✓ Connect a standard serial cable between the M1XSP DB9 connector (J2) and the Carrier Infinity System Access Module (SAM).

The SAM supports 2 (two) Carrier Infinity HVAC systems. Each system can support 8 (eight) zones. The ELK-M1 can communicate with up to 16 Thermostats.

Carrier System 1, Zone 1 = ELK Thermostat 1

Carrier System 1, Zone 2 = ELK Thermostat 2

Carrier System 1, Zone 3 = ELK Thermostat 3

Carrier System 1, Zone 4 = ELK Thermostat 4

Carrier System 1, Zone 5 = ELK Thermostat 5

Carrier System 1, Zone 6 = ELK Thermostat 6

Carrier System 1, Zone 7 = ELK Thermostat 7

Carrier System 1, Zone 8 = ELK Thermostat 8

Carrier System 2, Zone 1 = ELK Thermostat 9

Carrier System 2, Zone 2 = ELK Thermostat 10

Carrier System 2, Zone 3 = ELK Thermostat 11

Carrier System 2, Zone 4 = ELK Thermostat 12

Carrier System 2, Zone 5 = ELK Thermostat 13

Carrier System 2, Zone 6 = ELK Thermostat 14

Carrier System 2, Zone 7 = ELK Thermostat 15

Carrier System 2, Zone 8 = ELK Thermostat 16