

April 22, 2014

For immediate release:

UL Listing on new DMR, Zone Splitter, Switch Card, Input Card and Output Card

Products affected:

EVAX 25, EVAX 50, EVAX 100, EVAX 150, EVAX 200
EVAX 25-50-100/4Z, EVAX 25-50-100/8Z, EVAX 25-50-100/2ZA, EVAX 25-50-100/4ZA
EVAX 150-200/8Z, EVAX 150-200/12Z, EVAX 150-200/16Z,
EVAX 150-200/4ZA, EVAX 150-200/6ZA, EVAX 150-200/8ZA

EVX-4Z 4 Zone Splitter, Class B. **Discontinued**
EVX-2ZA 2 Zone Splitter, Class A. **Discontinued**
EVX-RSI Remote Serial Interface. **Discontinued**

It's been a while coming, but we finally have the UL Listing on the new DMR and Zone splitter.

The changes are primarily in improved circuitry and connections, but also include new cards which significantly expand the system capabilities and ease of installation. Don't worry, we left all of the existing terminal ports on board so the new units can plug right in where a replacement is needed.

Primary changes:

DMR:

Parts numbers do not change. All new equipment is updated. New DMR still employs the same terminals as the previous version, so it can be used as a replacement for any legacy systems.

MP3 Audio Compression – This expands the onboard message capacity to 20 minutes. It also enables the installing dealer to upload custom messages.

USB Port – New port which enables messages to be uploaded to unit in the field, no more plug-in chips, but does require a laptop.

I2C Communication Port – 10 Pin Ribbon Cable connection for adding auxiliary cards like the new EVX-ZM Zone Module, EVX-SL8 Switch Card, EVX-IL8 Input Card and the EVX-OL8 Output Card. Cards daisy chain one to the next with default programming built-in. Custom programming easily modified for application specific conditions. Maximum of 16 cards in any combination.

Zone Splitter: *New Part* – EVX-ZM Zone Module

Primary part numbers do not change, but all new equipment contains the updated module. Older EVX-4Z cards are still in stock but will be phased out over the next 90 days. Only remaining inventory will be used for repair/replacement from existing installs. All new orders contain the updated EVX-ZM. The new EVX-ZM still has the same terminals and mounting as the 4Z, so it can connect to legacy systems.

Switches – There are no switches on the new EVX-ZM Zone Module. In most cases the Zone Splitter has been primarily utilized to break up speaker loads to separate circuits and the switches were superfluous. Where Zone selection is required, the new EVX-SL8 provides capability for both Zone and Message selection. Each Zone does have an individual Red-Active and Amber-Fault LED.

Class A/B – Field selectable, by changing a switch setting, module is 4 Class B or 2 Class A speaker circuits.

50W Rating – Higher output rating on speaker circuits. At 70Vrms each output is rated up to 50W, 40W at 25Vrms.

25/70 Auto Detection – When the EVX-ZM is connected to the new EVAX 25/50/100 it is configured by the DMR to match the primary unit's speaker voltage setting. There is also a manual switch setting for cases where the EVX-ZM is used with a legacy module.

Output Protection – There is a vast improvement in the Zone Module for detecting on output overload and protecting the remaining circuits operation. Smart Power Sense has been built into the module for a much more reliable solution over the old Zone Splitter's PTC protection.

I2C Communication Port – 10 Pin Ribbon Cable connections for control and power from the primary module and for connection to additional Zone Modules or other I2C Cards.

Switch Card: *New Part* – EVX-SL8 8 position Switch/LED Card

Multi-Function – Switches may be programmed for Zone/Message select. LEDs are tri-color. Switch LEDs will indicate Red for Zone select, Green for Message select and Amber for Zone Fault when a switch is assigned to a Zone output. Switches programmed for Zone select will indicate steady Red when a Zone is selected for Page and flashing Red when a Zone is in Alarm. If Message selection is employed, Zones broadcasting message/tone will indicate Green.

Priority – As with existing systems, Live Page - MIC, always has the highest priority. Alarm is second and will override any message operation. If message selection is employed, messages are prioritized by their message position. A message assigned to Switch 1 is a higher priority than a message assigned to Switch 2. Switch 2 is a higher priority than Switch 3 and so on. If a message is active and a higher priority message is activated, the system will override the lower priority message and start playing the new message. Overridden message is de-activated and will not resume unless manually triggered again.

All Call – If Zone select is programmed for the SL8, anytime the MIC, Alarm or a Message is activated the system will automatically generate an All Call. If it is intended that a specific Zone or Zones be Paged or play a message, that Zone Switch when pre-selected, will broadcast the Page/Message to that Zone or Zones only.

Control - Switches may also be programmed for Control functions to activate output points on an EVX-OL8.

I2C Communication Port – 10 Pin Ribbon Cable connections for control and power from the primary module and for connection to additional Switch Modules or other I2C Cards.

Input Card: *New Part* – EVX-IL8 8 position Input/LED Card

Multi-Function – Input points may be programmed for Zone/Message/Control select. LEDs are Red and indicate when an Input is active. If an Input point and a Switch are both programmed for the same function, such as message selection, both will indicate if either is triggered.

Priority – Matches Switch priority. If an Input is active for a message and a higher priority message is then activated, new message will override. However, if the original Input is maintained, that message will resume once the higher priority message is de-activated.

I2C Communication Port – 10 Pin Ribbon Cable connections for control and power from the primary module and for connection to additional Input Modules or other I2C Cards.

Output Card: *New Part* – EVX-OL8 8 position Output/LED Card

Multi-Function – Output points may be programmed for Zone/Message/Control actions. LEDs are Red and indicate when an Output is active.

Flexible Configurations – Output points are typically a N.O. Contact Closure, but may be field configured to drive Voltage from either the primary module or external source. Voltage may be 0 to 24V and is easily implemented using on board jumpers.

I2C Communication Port – 10 Pin Ribbon Cable connections for control and power from the primary module and for connection to additional Output Modules or other I2C Cards.