

## Technical Bulletin

# ATTENTION All Fire Alarm System Installers & Designers

January 29, 2015

From: Alarm Devices Supply  
Subject: FireLite MS-9050UD/Low Frequency Horn Advisory

Please be advised:

The FireLite MS-9050UD has only 2.10 amps available for Notification Appliance and Remote Annunciators added to this system. The new LOW FREQUENCY horns draw a lot more current than the previous MINI HORNS that we used.

- WHEELLOCK LLFHNR-N draws .113 amps each
- SYSTEM SENSOR HR-LF draws .153 amps each

What this means:

If you are using a MS-9050UD with LOW FREQUENCY HORNS you can only have:

13 SYSTEM SENSOR HR-LF ( $2.10\text{amps} \div .153 = 13.725$ )

18 WHEELLOCK LLFHNR-N ( $2.10\text{amps} \div .113 = 18.584$ )

This is in addition to any horn strobes and WP Horn Strobes that the customer will also need.

Please be aware of the limitations of the MS-9050UD Notification Appliance Circuits when loading them with LOW FREQUENCY Horns!

The FireLite MS-9200UDLS has 3 amps available out of the box and it can be increased to 6 amps with the addition of the XRM-24B transformer.

Regards,

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