

Technical Bulletin

Syncro Sounder Outputs Upgraded to 1 Amp

TB 1030

Introduction

The Syncro control panel was originally specified with four conventional sounder circuits, each rated at 500mA and with a total sounder load of 2 Amps. This specification was considered to be acceptable, based upon the amount of current drawn by modern electronic sounder devices.

However, in some retrospective installations the sounder circuits on the original installation occasionally exceeded the 500mA current limit, resulting in the operation of the electronic protection devices.

Amendment

All Syncro control panels produced from the beginning of April 2004 will be capable of continuously supplying 1 Amp sounder load from any of the four programmable sounder circuits, with an overall sounder current limit of 2 Amps.

This amendment does not increase the overall sounder current capability, but does allow currents in excess of 500mA to be drawn from any of the sounder circuits.

Care must be taken to ensure that the overall sounder current of 2 Amps is not exceeded. If additional sounder outputs are required, the Syncro 6-way sounder card (part number S546) powered from a separate power supply may be used. This sounder card has 6 sounder outputs, each rated at 1 Amp.

Compatibility

This amendment is performed by hardware revision only and is independent of both the panel firmware and Loop Explorer configuration software versions.