

# Technical Bulletin

## Bell Booster Unit

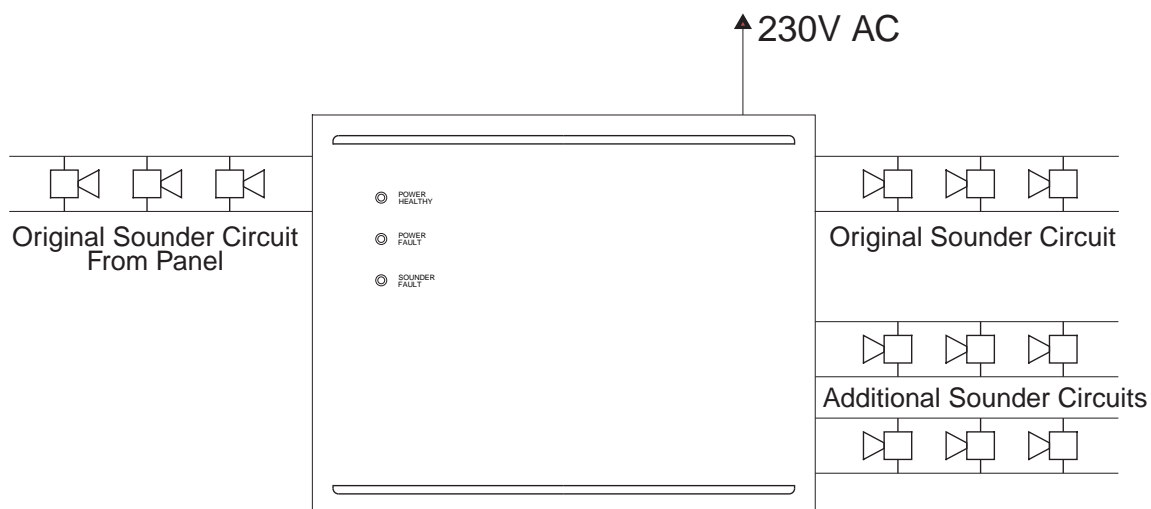
## TB 1002

A problem often encountered by the systems company, is how to accommodate more sounder circuits than are provided for by the control equipment or how to supply particularly heavy sounder loads from small panels.

Both of these problems can be solved using standard (or specially constructed) Bell Booster Units.

Kentec Bell Booster Units can provide any number of additional sounder circuits or boost power to extended existing circuits whilst maintaining full open and short circuit monitoring in accordance with the required standards.

By wiring a Bell Booster Unit an existing sounder circuit, boosted power to outgoing circuits is available whilst presenting only a minimal load (around 30mA) to the original panel output.



Full indication of open circuit, short circuit and power fault for all circuits is provided at the Bell Booster Unit and the fault is transmitted to the control equipment via the original sounder circuit wiring.

Faults on the additional sounder circuits will not prevent the proper operation of the original circuit in either the normal or alarm condition.

In addition to conventional Bell Boosters, addressable versions for Hochiki ESP or Apollo protocols can be supplied for power boosting or circuit distribution as above.

All Bell Boosters have a built in battery charger and space for batteries to give up to 72 hours standby in the event of mains failure.