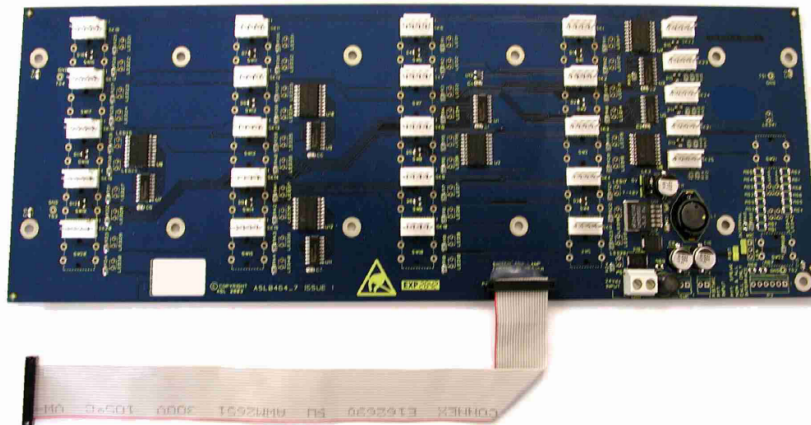


MEB20HC High Current Custom Microphone Expansion Board



The MEB20HC is supplied as an open Printed Circuit Board for inclusion into custom “paging” and “fire” microphone console designs with higher current drive requirements, e.g. filament lamps and high power LEDs. It is designed to work with the CMB10 Custom Microphone Board and the whole range of ASL Voice Alarm and Public Address systems.

The MEB20HC provides connections for twenty configurable selection switches, each having a high current ‘busy’ LED and ‘Select’ LED. Connections for dual ‘Speak-Now’ and ‘Wait’ LEDs are also provided, along with four configurable key-switch inputs and associated control outputs.

All panel connections are presented on simple crimp style plug and socket connectors with field connections via screw terminal blocks for ease of cabling. Connections to the CMB10 are via a single pluggable ribbon cable.

For further details please refer to the MEB20HC product manual, the CMB10 product manual and the DSP Router manual or visit www.asl-control.co.uk.

Specification

General

Current consumption (max, all LEDs on) 4.8A @ 7 – 40V DC supply
Output current drive (per LED)..... 100mA maximum
Output voltage source 40V DC maximum

Dimensions and Weight

Dimensions (W x D)312.5mm x 106mm
Weight 200g approx.

Environmental

Temperature (storage and operating) –5°C to +50°C
Humidity range0% to 93% Non-condensing

Manufacturer

Application Solutions Limited

Head Office: The Riverside Centre - Railway Lane
Lewes - East Sussex - BN7 2AQ - UK

Tel: +44(0)1273 476608 Fax: +44(0)1273 478888

Voice Alarm Direct: Tel: +44(0)1273 405411 Fax: +44(0)1273 405415

www.asl-electronics.co.uk



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