

5: WIRING



NOTE: To make wiring connections, you must first open the the IAM-100 by removing the two front cover screws. Remove the metal faceplate and locate the connection terminals.

Refer to the User Manuals (part numbers 6209-9000 and 6709-9000) available at www.MyBacharach.com for detailed wiring instructions.



NOTE: The maximum wire size into terminal blocks is 1.5 mm² [16 AWG].



WARNING: The main power supply cable should be of an approved type based on local regulations. Connection to the main power supply must be made via an approved, readily-accessible, switched and fused plug and socket (or as per local wiring regulations) which should be within 10 feet (3 meters) of the control unit.

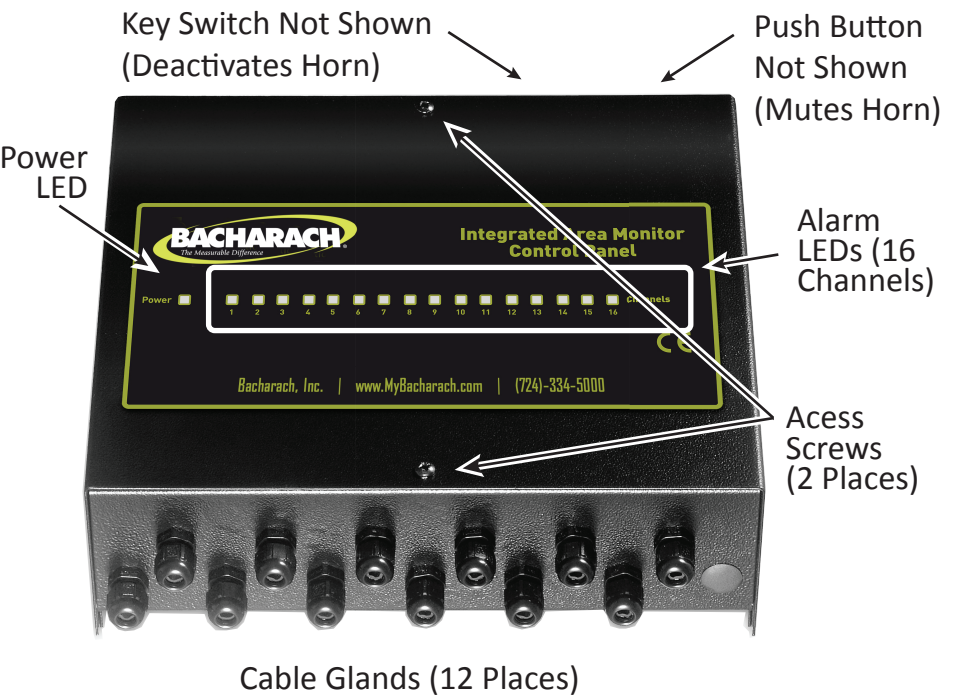
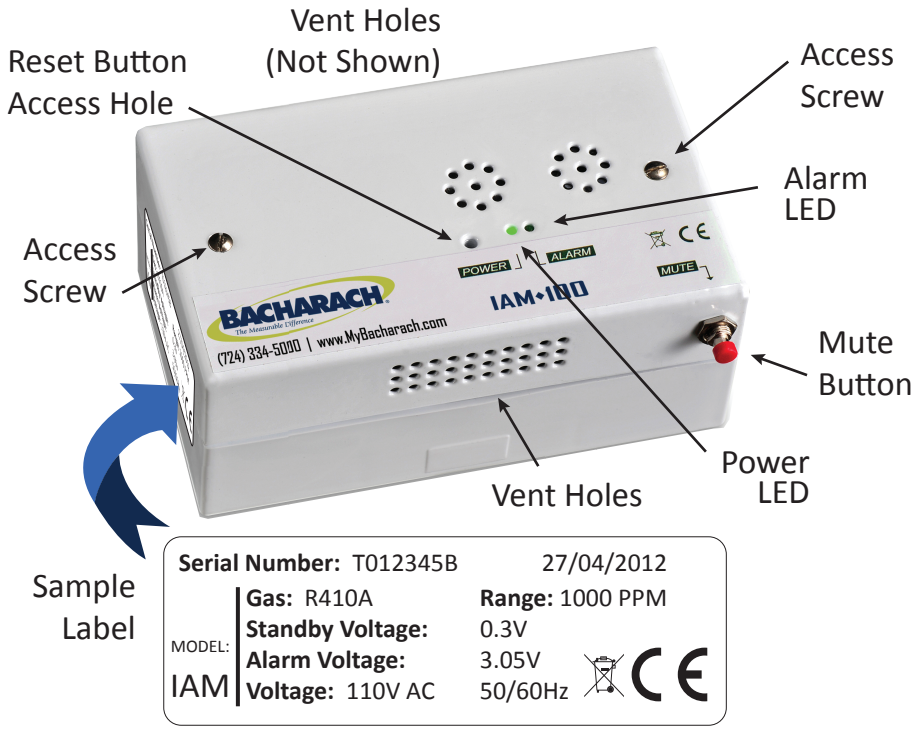
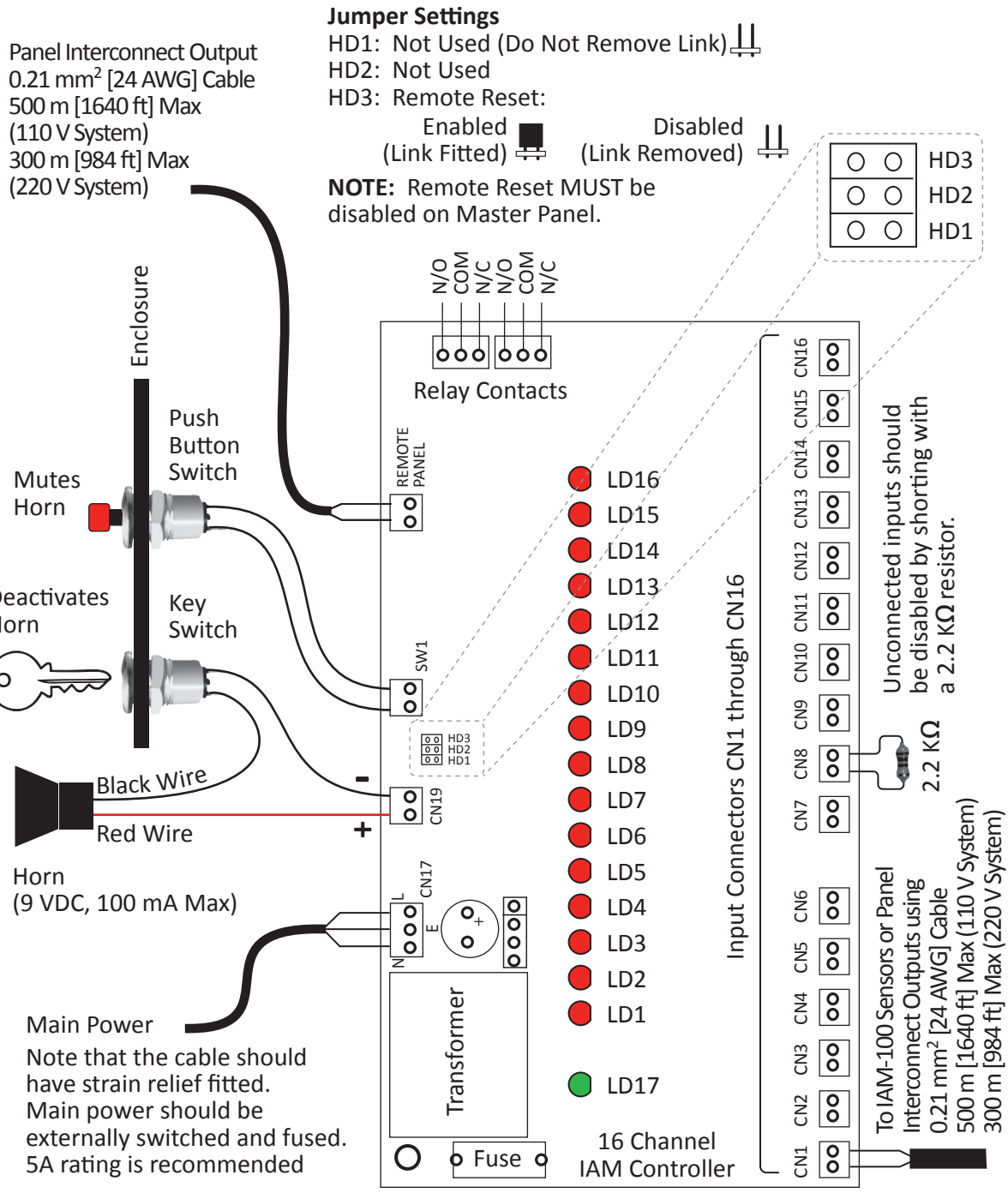
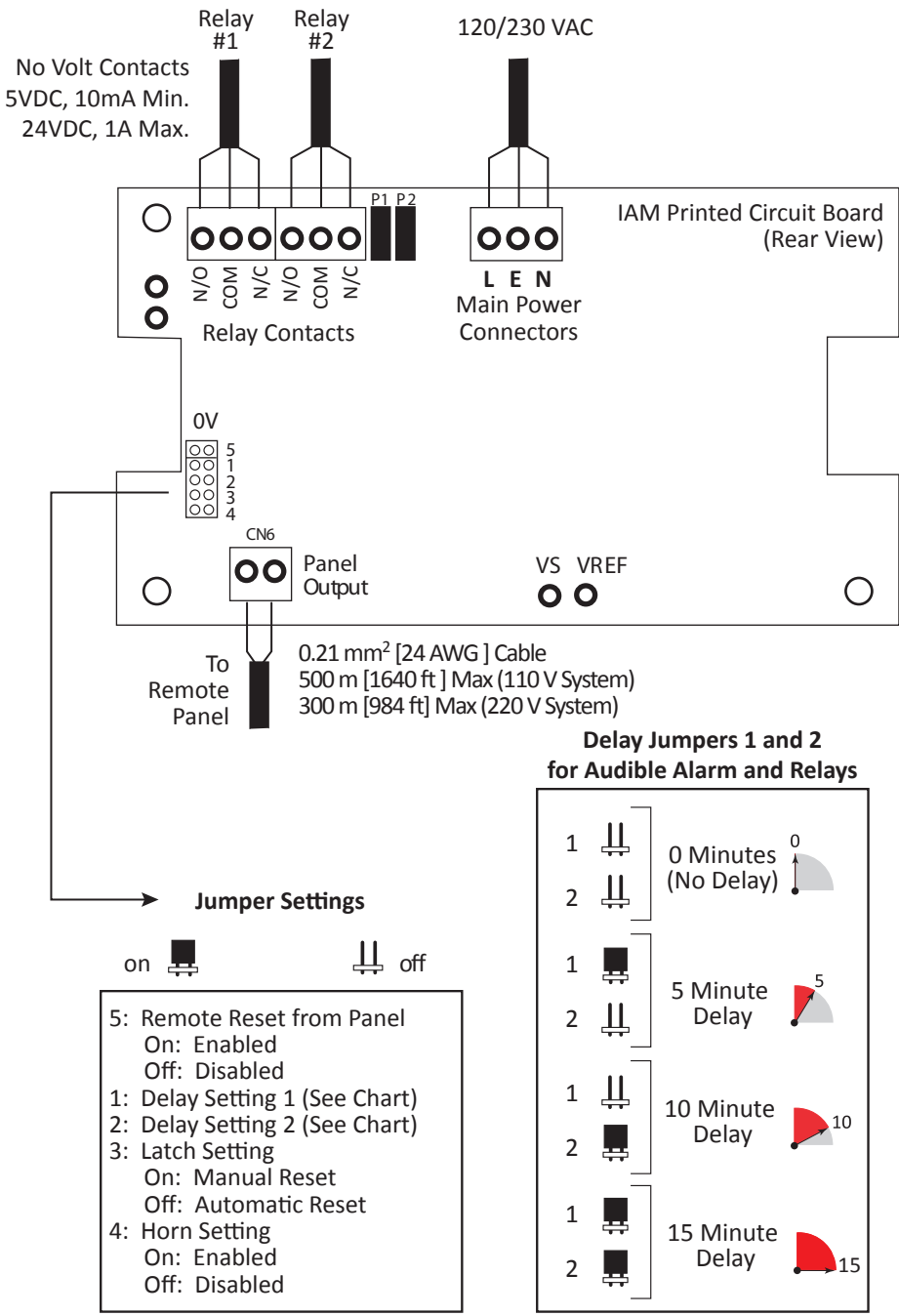


SHIELD WIRE WARNING: Connect the shield of the power wires to the earth ground of the central control system (e.g., chassis, ground bus bar, etc.).

- 1: Strip 0.2 to 0.25 inches (5 to 7 mm) of wiring insulation.
- 2: Connect the wires as indicated.



NOTE: After wiring is completed, carefully re-assemble the enclosure and its components, noting the keyed ribbon cable and sensor connectors. After installation is complete, be sure to refer to the User Manual (part number 6109-9000) available at www.MyBacharach.com for detailed instructions on registering the sensors and configuring the IAM-100 for proper operation.



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