

# AUX-ISO

Isolation Transformer  
User Guide



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## 1 Overview

There may be situations where noise can occur when connecting multiple controllers to the same auxiliary sources. This noise can be generated by multiple causes such as ground loops, ground current, power-supply oscillations, etc. When these noise problems occur, you can add the AUX-ISO isolation transformer to the auxiliary line.

## 2 Installation

### 2.1 Safety Instructions

- Read and keep these instructions.
- Heed all warnings and follow all instructions contained within this manual.
- Install in accordance with the manufacturer's instructions.
- Clean only with dry cloth.
- Do not install near water.
- Do not block any ventilation openings.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Use the power cord with sealed mains plug appropriate for your local main supply as provided with the equipment. If the provided plug does not fit into you outlet contact the manufacturer.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments and accessories specified by the manufacturer.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- Operate the product only with the voltage specified on the unit. Fire and/or electric shock may result if a higher voltage is used.
- Do not modify, kink, or cut the power cord. Do not place the power cord in close proximity to heaters and do not place heavy objects on the power cord and/or the product itself, doing so may result in fire or electrical shock.
- Be sure the installation of this product is stable, avoid slanted surfaces as the product may fall and cause injury, property damage, electrocution and/or fire.
- Do not open the cover.

## 2.2 Installation Procedure

Use 22 AWG shielded cable to connect the SMS-SK-VC on a speaker line. Connect the “in” connectors from the SMS-SK-VC to the feeding speaker line. Connect the “out” connectors from the SMS-SK-VC to the volume controlled speaker line.

Connect a AUX-ISO isolation transformer between each component for the auxiliary chain: between the source and the first controller, between the first and the second controller, etc.

