



USER GUIDE

AUDIO INTERFACE

M-DUG-3473-0A

table of contents

INTRODUCTION	1
IMPORTANT SAFETY INSTRUCTIONS	2
Inputs/Outputs	3
Maintenance Procedure	4
Testing Procedure	5

In the event of trouble, please contact:

Name:

Address:

Phone Number:

INTRODUCTION

The n.FORM Audio Interface is used as an audio interface between the n.FORM rack OP and fire alarm control panel (FACP) or an external device with a line level input. It will send an audio message, page, or tone from the n.FORM rack OP to any FACP that has a line level audio input.

The Audio Interface is a rack mountable unit and is only 1 rack unit in height. The Audio Interface does not require an external power source.

Setup

Connections to the Audio Interface are simple. One RJ45 cable from any n.FORM rack OP 'B8' speaker channel to the input of the Audio Interface and one connection (two-wire, 1/8" jack, or RCA) from the Audio Interface audio output to the FACP or an external device.

Using System Manager, adjust the speaker channel's audio volume 34dB (off). If the source will be from a page, adjust the audio volume to 34dB (off) and the paging volume to 76dB. If the source will be from an audio source, adjust the page volume to 34dB (off) and the audio volume to 76dB. A volume of 76dB will give the Audio Interface a line-level (1Vrms) output.

IMPORTANT SAFETY INSTRUCTIONS



**RISK OF ELECTRIC SHOCK- DO NOT OPEN THE UNIT.
THERE ARE NO SERVICABLE COMPONENTS INSIDE.**

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.

- 7) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

- 8) Only use attachments/accessories specified by the manufacturer.

- 9) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as 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.

The unit must be installed with an enclosed rack.

INPUTS/OUTPUTS



Audio Outputs to FACP
(supervised)

Input from any n.FORM
Rack Mount OP Speaker
Channel 'B8'
(supervised)

Maintenance Procedure

Equipment should only be inspected and maintained by qualified trained personnel. These instructions are meant as a guide to what actions should take place; it is not an instruction on how to complete the activities.

Maintenance should be performed monthly or more frequently if necessary.

1. Inspect and replace if necessary the cable from the n.FORM rack OP 'B8' speaker channel to the Audio Interface audio input for exposed wires, torn or worn insulation, or a broken RJ45 head.
2. Inspect and replace if necessary the cable from the Audio Interface audio output to the FACP or external device for exposed wires or torn or worn insulation.
3. Ensure that all cables and wires are properly seated in their respective connectors.

Testing Procedure

Equipment should only be tested by qualified trained personnel. These instructions are meant as a guide to what testing should take place; it is not an instruction on how to complete the testing. Refer to the Operations, System Manager, and Configurator manuals for detailed information.

Testing should be performed monthly or more frequently if necessary.

1. Assure that audio sent to the Audio Interface audio input from the n.FORM rack OP 'B8' speaker channel is clear and at the proper volume.
2. Assure that audio sent to the FACP or external device from the Audio Interface audio output is clear and at the proper volume.

Revision Level	Revision Date	Description of Revision	Revision Author
A	11/11/2020	Initial Release	G. Dahl

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