



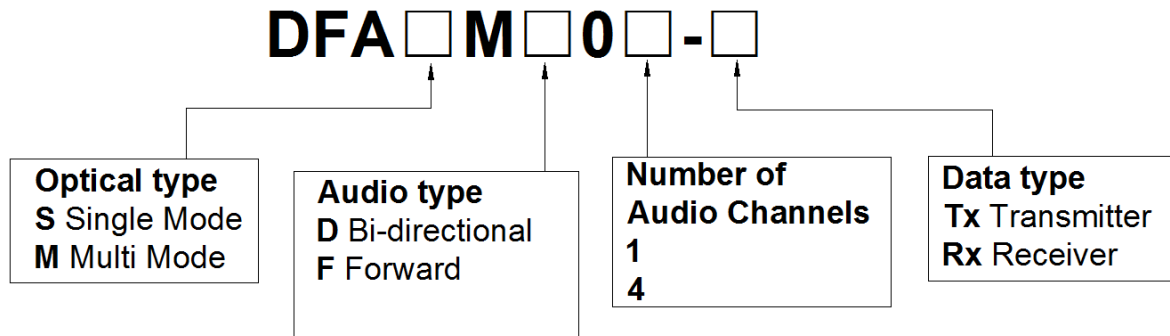
UTC Fire & Security

A United Technologies Company

Installation/Operation Instructions

DFAMMF01-TX/RX	DFAMMF04-TX/RX
DFASMF01-TX/RX	DFASMF04-TX/RX
DFASMLF01-TX/RX	DFASMLF04-TX/RX
DFAMMD01-TX/RX	DFAMMD04-TX/RX
DFASMD01-TX/RX	DFASMD04-TX/RX
DFASMLD01-TX/RX	DFASMLD04-TX/RX

Literature Part number



Dip switch setting and pin connections

Audio Bal		
Audio UnBal		

Audio type

SW	Balance	Un-Balance
3	ON	OFF
4	OFF	ON

SW1 & SW2 are not applicable in this model

Audio type PIN	Balance	Un-Balance
1	Ground	Ground
2	Audio Input+	N/C
3	Audio Input-	N/C
4	N/C	Audio Input+
5	Audio Input+	N/C
6	Audio Input-	N/C
7	N/C	Audio Input-

*N/C: No connection

Transmitter

LED Indicators

Indicator		Color	Description
PWR		Red	Lit when power is supplied to the Transmitter.
OL		Red	Lit when fiber is not connected or without proper fiber connection.
		Green ¹	Lit when optical signal from receiver to transmitter is active.
AUDIO ² AUDIO1 ³ AUDIO2 AUDIO3 AUDIO4	IN	Green	At front panel: Blinks when forward input audio is available at Tx. At rear panel: a) Each audio channel has a single column of Four LEDs assigned for displaying the input or output audio levels. b) The LEDs (Input/Output) are lit in proportion to the signal strength.
	OUT ⁴	Green	At front panel: Blinks when reverse output audio is available at Tx. At rear panel: a) Each audio channel has a single column of Four LEDs assigned for displaying the input or output audio levels. b) The LEDs (Input/Output) are lit in proportion to the signal strength.

Signal Ports

OPT -	ST (or FC) Optical Connector for fiber cable connection.
AUDIO ⁵ -	7-pin Screw Terminal Block for audio signal.
AUDIO1-4 ⁶ -	7-pin Screw Terminal Block for audio signal.

¹ Not available for the DFA□ME0□-T (i.e. DFASME01-T)

² AUDIO is only for the products with ONE audio channels (i.e. DFASMD01-T)

³ AUDIO 1-4 is only for the products with FOUR audio channels (i.e. DFASMD04-T)

⁴ Not available for the DFA□ME0□-T (i.e. DFASME01-T)

⁵ AUDIO is only for the products with ONE audio channels (i.e. DFASMD01-T)

⁶ AUDIO 1-4 is only for the products with FOUR audio channels (i.e. DFASMD04-T)

Receiver

LED Indicators

Indicator		Color	Description
PWR		Red	Lit when power is supplied to the Receiver.
OL		Red	Lit when fiber is not connected or without proper fiber connection.
		Green	Lit when optical signal from transmitter to receiver is active.
AUDIO ⁷ AUDIO1 ⁸ AUDIO2 AUDIO3 AUDIO4	IN ⁹	Green	At front panel: Blinks when forward input audio is available at Rx. At rear panel: a) Each audio channel has a single column of Four LEDs assigned for displaying the input or output audio levels. b) The LEDs (Input/Output) are lit in proportion to the signal strength.
	OUT	Green	At front panel: Blinks when reverse output audio is available at Rx. At rear panel: a) Each audio channel has a single column of Four LEDs assigned for displaying the input or output audio levels. b) The LEDs (Input/Output) are lit in proportion to the signal strength.

Signal Ports

OPT -	ST (or FC) Optical Connector for fiber cable connection.
AUDIO ¹⁰ -	7-pin Screw Terminal Block for audio signal.
AUDIO1-4 ¹¹ -	7-pin Screw Terminal Block for audio signal.

⁷ AUDIO is only for the products with ONE audio channels (i.e. DFASMD01-R)

⁸ AUDIO 1-4 is only for the products with FOUR audio channels (i.e. DFASMD04-R)

⁹ Not available for the DFA□M□E0□-T (i.e. DFASME□01-R)

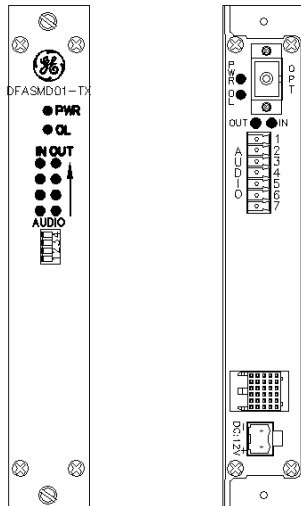
¹⁰ AUDIO is only for the products with ONE audio channels (i.e. DFASMD01-R)

¹¹ AUDIO 1-4 is only for the products with FOUR audio channels (i.e. DFASMD04-R)

Front and rear panel for each module

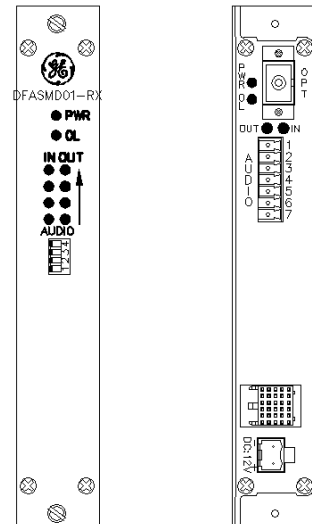
Transmitter

DFCCSMF01-TX; DFCCSMLF01-TX; DFCCMMF01-TX
DFCCSMD01-TX; DFCCSMLD01-TX; DFCCMMD01-TX

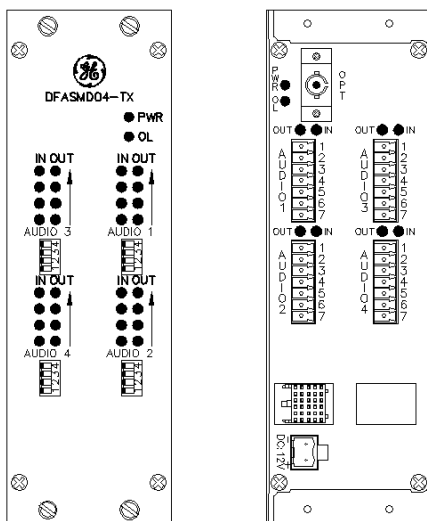


Receiver

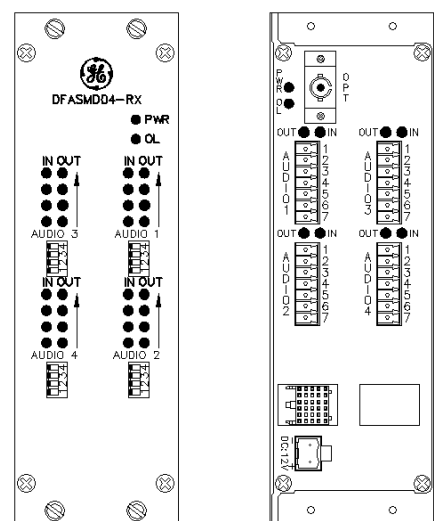
DFCCSMF01-RX; DFCCSMLF01-RX; DFCCMMF01-RX
DFCCSMD01-RX; DFCCSMLD01-RX; DFCCMMD01-RX



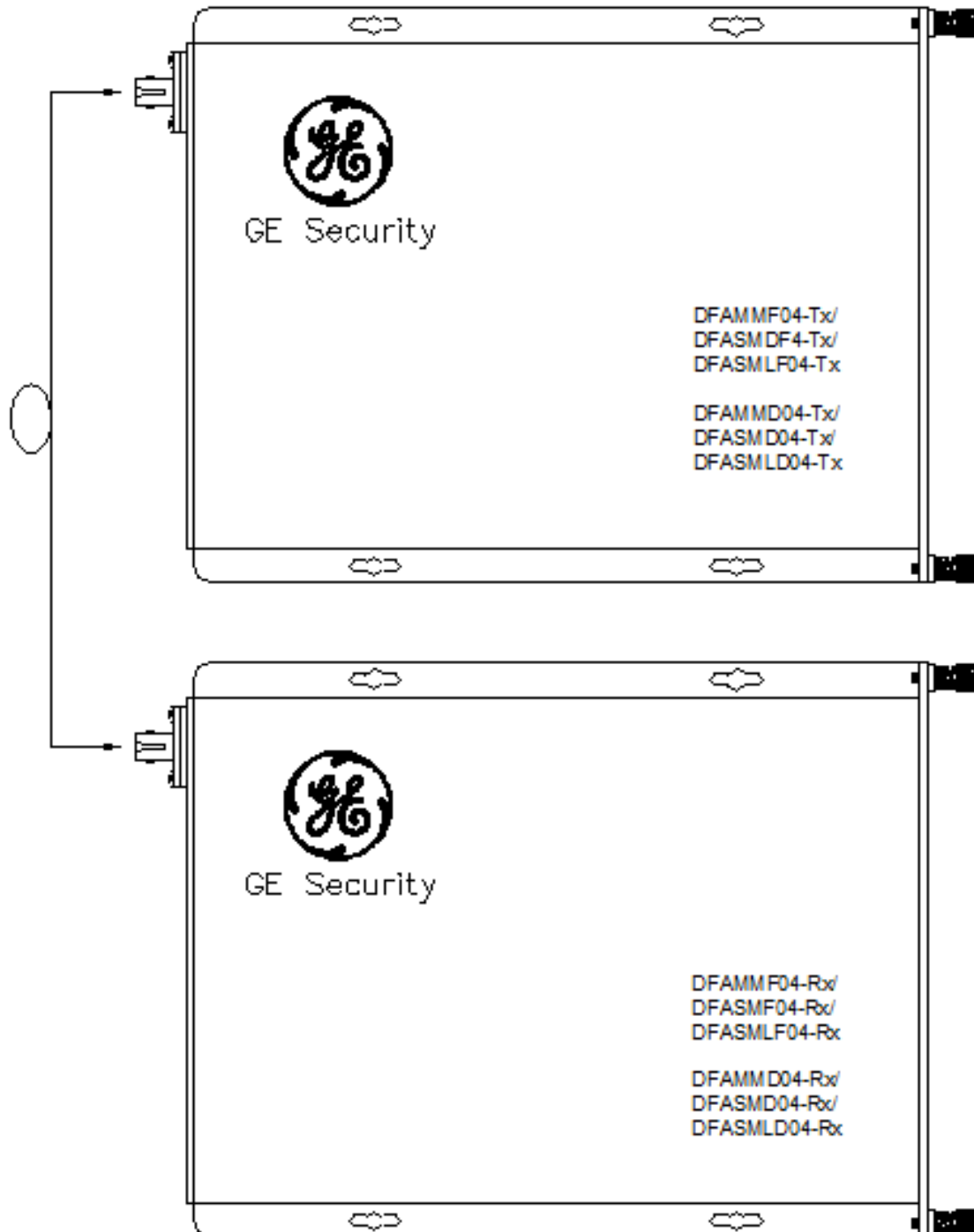
DFCCSMF04-TX; DFCCSMLF04-TX; DFCCMMF04-TX
DFCCSMD04-TX; DFCCSMLD04-TX; DFCCMMD04-TX



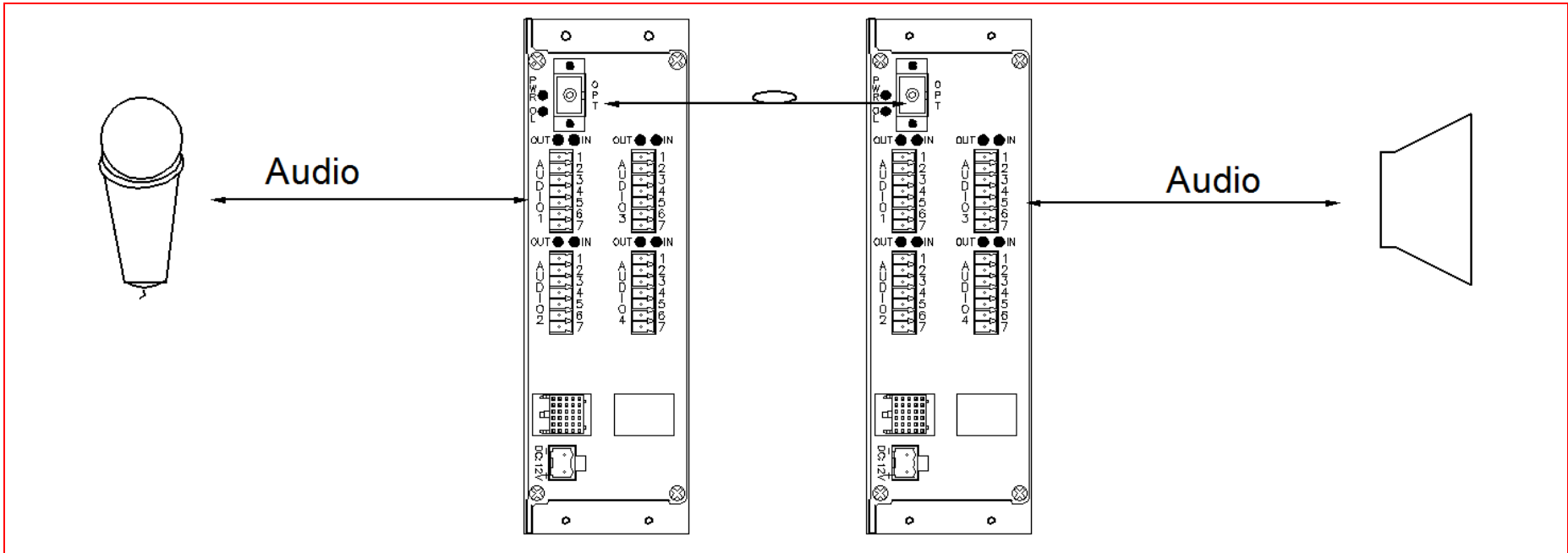
DFCCSMF04-RX; DFCCSMLF04-RX; DFCCMMF04-RX
DFCCSMD04-RX; DFCCSMLD04-RX; DFCCMMD04-RX



Fiber connection



Cable connection of DFASMD04-TX/RX, DFASMLD04-TX/RX & DFAMMD04-TX/RX



**DFCCSMD04-TX
DFCCSMLD04-TX
DFCCMMD04-TX**

**DFCCSMD04-RX
DFCCSMLD04-RX
DFCCMMD04-RX**

This product is intended to be supplied by a UL Listed Direct Plug-In Power Unit marked "Class 2" or "LPS" and output rated 12 VDC, 1 Amp minimum.

FCC Compliance

This device complies with Part 15 of the Federal Communications Commission (FCC) Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by General Electric Company could void the user's authority to operate the equipment

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

CLASS 1 LASER PRODUCT
(For purposes of IEC 60825-1)

Complies with FDA Performance Standard for Laser Products
Title 21
Code of Federal Regulations Subchapter J

**Comprehensive
Lifetime Warranty**

Product Disassembly Instructions for WEEE

Per European Directive 2002/95/EC Waste Electrical and Electronic Equipment

Required Tools:

Phillips (cross-tip) screwdrivers.

For the enclosed box version and rack version:

1. Locate and remove box cover securement screws. Usually, but not limited to, at least 4 screws.
2. Lift off the front/ rear panel.
3. Locate and remove securement screws for printed circuit board (at bottom).
4. Slide out the printed circuit board.
5. If there are multiple boards to the assembly, continue removing securement screws until none are left.
6. Lift off printed circuit board.
7. Disassembly of box version of product is complete.