

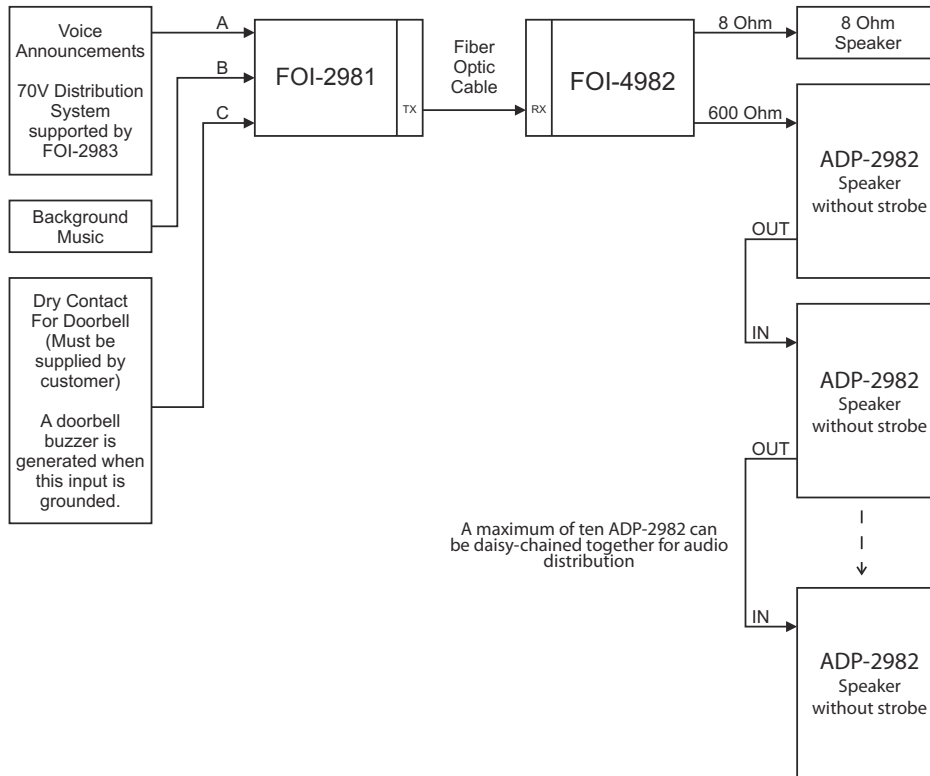


**Description**

A complete bundled package for Fire Alarm annunciation applications. Does not include warning strobe.

The unit can be used in areas of high electrical noise or in and out of RF shielded enclosures. The fiber optic cable is not susceptible to interference caused by impulse noise, crosstalk, or EMI. Privacy of communications is also enhanced because the fiber optic cable does not radiate any emissions. In addition, fiber optic cable offers much longer transmission distances than copper wiring. Multimode optics on the units can extend the distance to 2km.

**Typical Application**



**Audio Accessories**

**Features:**

Bundled Fire Alarm Kit Includes:

**FOI-2981:**

- Optical Transmitter
- 2 Audio Inputs
- 1 Doorbell Input

**FOI-4982:**

- Optical Receiver
- 2 Audio Outputs (8 Ohm and 600 Ohm)

**ADP-2982:**

- Amplified Speaker without Strobe

**PSQ-2910:**

- Power Supply for FOI-2981

**WMA-3002:**

- Wall Mount Adapter for FOI-2981

**FC-VM2TT1-0-8:**

- Fiber Cable, Multimode, Simplex, ST-ST, 8 meter

**Specifications ADP-2982**

<b>Power Requirement</b>	120/240 VAC, 50/60 Hz
<b>Input Connector</b>	RCA Type Phono Jack
<b>Input Impedance</b>	50 kΩ
<b>Output Connector</b>	RCA Type Phono Jack
<b>Output Impedance</b>	600 Ω
<b>Output Signal Level</b>	100 mV
<b>Case Dimensions</b>	11-1/2" (292mm) Wide x 11-1/8" (283mm) High x 4-1/16" (103mm) Deep
<b>Weight</b>	15 lb (6.8 kg)

**Electrical Specifications FOI-2981-ST**

<b>Power Requirement</b>	9 VDC @ 275 mA	
<b>Frequency Response</b>	100 Hz - 8 kHz ± 3 dB	
<b>Input Level for A and B</b>	Minimum	Maximum
	50 mV RMS	Audio inputs can be adjusted for high signal levels and clipping by turning the LEVEL adjustment counter-clockwise until the OVER-LOAD LED turns off.
<b>Doorbell Operation for C</b>	A doorbell buzzer is generated when this input is grounded.	
<b>Priority Scheme</b>	A (highest - overrides B and C) C (overrides B) B (lowest)	
<b>Interface Connector A, B, and C</b>	RCA Type Phono Jack	

**Electrical Specifications FOI-4982-ST**

<b>Power Requirement</b>	9 VDC @ 275 mA
<b>AUDIO OUTPUT 8 OHM Interface Connector</b>	2-Conductor 1/4" Enclosed Telephone Jack (Balanced Output)
<b>AUDIO OUTPUT 600 OHM Interface Connector</b>	RCA Type Phono Jack

**Optical Characteristics FOI**

Fiber	Size	Max Distance	Wavelength	Output Power
Multimode	62.5 / 125 μm	2 km	820 nm	-18 dBm

**Physical Specifications FOI**

Case Dimensions	Size2	length	width	height	weight
		4.5 in (114 mm)	1.312 in (33 mm)	2.562 in (65 mm)	2 lb (0.9 kg)

**Specifications PSQ-2910**

		minimum	typical	maximum	unit
<b>Power Supply</b>	Input Voltage	80	-	250	VAC
	Input Frequency	40	-	400	Hz
	Output Voltage	-	9	-	VDC
	Supply Current	-	1	-	A
	Output Power	-	9	-	W
<b>Environmental</b>	Storage Temperature	-40	-	85	°C
	Operating Temperature	0	-	50	°C
<b>Case Dimensions</b>		width	height	length	
	PSQ-2910 (Size 2)	1.312" (33mm)	2.562" (65mm)	2.25" (57mm)	
	PSQ-3910 (Size 3)	1.453" (40mm)	3.188" (81mm)	2.375" (60mm)	
	PSQ-4910 (Size 4)	1.453" (40mm)	2.562" (65mm)	2.25" (57mm)	

**Ordering Info**

FAK-2982-ST - Bundled Fire Alarm Kit with ST optics