

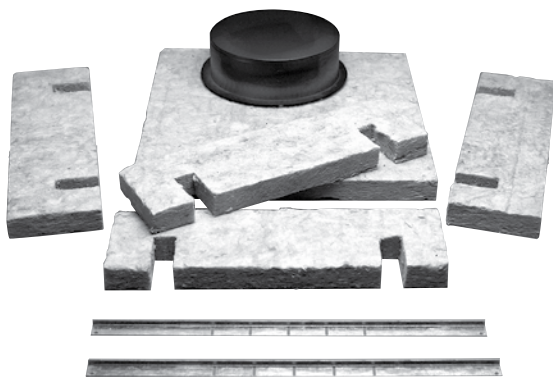


# FR Series

## UL Classified Fire-Resistant Speaker Assemblies



*FR Series Installed Cut-Away*



### Features

- Available as Kits Only
- Only for Drop Tile Applications
- Conforms to U.L Standard 263 (Fire Tests of Building Construction Materials) and Works in 32 Different 1 Hour, 2 Hour, and 3 Hour Fire Resistant Ceiling Designs as Listed in the 1999 U.L Fire Resistance Directory
- FR Series Loudspeaker Components are UL Classified Versions of Atlas Sound's High Performance and Quality Standard Loudspeaker Models
- Audio Performance and Mechanical Specifications of FR Series Loudspeakers are the Same as the Equivalent Non-FR Models
- Pre-Cut Fiber Panels Make Installation Quick and Easy Requiring No Special Tools or Skills
- Lower Installed Cost Compared to the Labor Intensive Alternative of Contractor-Constructed Drywall Fire Boxes

### Applications

Architects, consultants, and contractors should request FR Series speaker assemblies when drop-in fire protective ceilings are required to meet local fire or building code requirements. FR Series assemblies are ideal for use with main loudspeaker systems in schools, convention centers, hotels, industrial facilities, churches and other public buildings. Additionally, they are suitable for use with auxiliary loudspeaker systems in arenas, airports, theatres, office building corridors, and lobbies.

### General Description

FR Series from Atlas Sound has been developed as the only speaker assemblies that are UL classified for fire-resistance in the United States and Canada. The FR Series has passed a fire-rating up to three hours (rating varies by ceiling construction) and has been tested in accordance with the UL standard – Fire Test of Building Construction and Materials, ANSI/UL263 (ASTM E119 and NFPA 251).

FR Series assemblies include an enclosure-fiber kit, UL listed speaker/transformer assembly, and UL listed baffle. Each enclosure-fiber kit includes pre-cut fiber panels, metal enclosure, rail set, and hardware. The speaker/transformer combinations approved for use in FR assemblies are FR versions of the industry standard Atlas Sound Strategy Series FA136, FA138 models and the C803A, C10A, and FC104 loudspeakers. The approved baffles are also FR versions of familiar Atlas Sound models.

### Architect and Engineer Specifications

Speaker assembly for use in fire protective ceiling shall be Atlas-Sound UL classified fire-resistant speaker assembly Model \_\_\_\_\_ (FR Series). The assembly shall have passed a fire-rating up to three hours and shall have been tested in accordance with UL Standard ANSI/UL263 (ASTM E119, NFPA 251). The assemblies shall include an enclosure-fiber kit, UL listed speaker/transformer assembly, and UL listed baffle.

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**\* Cannot Be Ordered Separately\***

Choose from 5 FR Series speaker assembly kits.

Each enclosure-fiber kit shall include pre-cut fiber panels, metal enclosure, rail set and hardware. Dimensions of the assembled fiber kit shall be \_\_\_\_\_.

**Specifications**

**FC104T72FRK**

Includes:

Speaker FC104T72FR

Baffle 51-4FR

Enclosure/  
Fiber Kit 96-4FR

UL 263

**C10AT72FRK**

Includes:

Speaker C10AT72FR

Baffle 51-8FR

Enclosure/  
Fiber Kit 95-8FR

UL 263

**C803AT87FRK**

Includes:

Speaker C803AT87FR

Baffle 51-8FR

Enclosure/  
Fiber Kit 95-8FR

UL 263

**FA136T87FRK**

Includes:

Speaker FA136T87FR

Baffle FA720-6FR

Enclosure/  
Fiber Kit FA97-6FR

UL 263

**FA138T87FRK**

Includes:

Speaker FA138T87FR

Baffle FA720-8FR

Enclosure/  
Fiber Kit FA97-8FR

UL 263



**FC104T72FRK**



**C10AT72FRK**



**C803AT87FRK**



**FA136T87FRK**



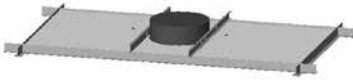
**FA138T87FRK**



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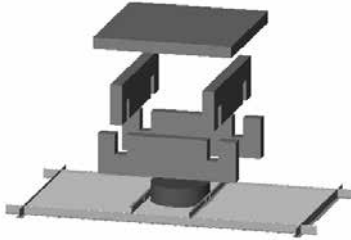
## Atlas Sound Makes Installation Easy!

1



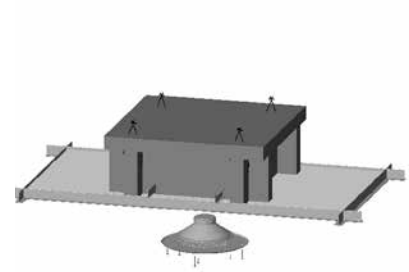
**Attach rails to enclosure**

2



**Assemble pre-cut fiber panels over enclosure, notch fiber at rails**

3



**Wire top panel to sides at four corners**

### FAQ

Q. Why do I need Atlas Sound Fire Rated Ceiling Speaker Assemblies?

A. You will need the Atlas Sound Fire Rated Speaker Assemblies if the ceiling being constructed has to conform to UL Standard 263 "Fire Tests of Building Construction Materials". These will work in 32 different 1 hour, 2 hour, and 3 hour fire resistant ceiling designs as listed in the 1999 UL Fire Resistance Directory.

Q. How can I find out if the Atlas Sound FR Series will be approved in my application?

A. Check with the local Fire Marshall or Building Inspector, who will have the final say in the approval of the FR Series Loudspeakers.

Q. Will the Atlas Sound Fire Rated Speakers work in a sheet rock ceiling?

A. No, the UL Standard 263 is for drop in or lay in tile applications only.

Q. Can I just use the FR Series baffles, enclosures, or speakers by themselves?

A. No, the UL Standard 263 is only for the entire package.