



TECH LIGHTING®



[www.techlighting.com/railtones](http://www.techlighting.com/railtones)

# railtones™

Where light and sound combine seamlessly onto a single system for a richer, fuller experience.



MonoRail Satin Nickel / Remote 300 watt 12 volt Transformer /  
4" Round Single-Feed Canopy / 2" Rigid Standoffs / Playa  
Pendants Natural / Railtones Speakers Black/Satin Nickel

# railtones™

railtones™. Where light and sound combine seamlessly onto a single system for a richer, fuller experience.

railtones is our patent pending wireless speaker system that is mounted to and powered by our low-voltage FreeJack or MonoRail system. The speakers can also be mounted to our line-voltage T~TRAK system, most popular track lighting systems, and even most 6 inch recessed downlights using our adapters.

Set-up is a cinch and the sound quality is superb. Simply connect the speakers as you would any track head, connect the transmitter to almost any audio device, and you instantly have audio without any additional installation.



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# Specifications



**AUDIO:** Uncompressed HD quality audio at 1.6MBs per channel.

**POWER CONSUMPTION:** Maximum 15 watts per speaker.

#### SYSTEM COMPATIBILITY:

- Speakers operate on our 12 volt or 24 volt low-voltage systems including MonoRail, Two-Circuit MonoRail, and FreeJack (Monopoint).
- Using our FreeJack T~TRAK Adapter: operates on our 120V Single-Circuit and Two-Circuit T~TRAK systems.
- Using our 120V Track Adapter: operates on most popular track lighting systems.
- Using our Recessed Can Adapter: works with any recessed can that is 6 1/4" to 6 1/2" in diameter and has "C" shaped hooks on the inside of the can.

**MAXIMUM RANGE:** The range depends on the number and material of walls in the space. Steel reinforced concrete will have the most significant effect. Wood and drywall will have much less of an impact.

We recommend the following:

- Room to Room: 70 feet
- Same Room: 150 feet
- Same Room, Line of Site: 250 feet

**DIMMING:** The speakers are operable when the MonoRail system is dimmed. The maximum speaker volume may be limited based on the level of dimming along with the type of dimmer and power supply.

**MAXIMUM NUMBER OF SPEAKERS:** No limit.

**SPEAKER CHANNELS:** Includes easy switch on the back of the speaker to select either left, right or mono (left + right).

**WIRELESS TRANSMITTER:** The transmitter plugs into almost any audio device (with included or optional accessories).

- USB: connects to a computer's USB port.
- 3.5mm Earphone jack: connects to nearly any portable audio system like iPod/iPhone® or other MP3 players.
- RCA jack: connects to receiver, stereo, or television (cords not included).
- Includes plug-in power supply when using on any device other than a computer which delivers power through the USB connection.

**FREQUENCY:** The transmitter operates at 2.4 GHz allowing it to transmit further distances when compared to 5.4 GHz. While numerous devices run on this frequency, we have tested the speakers with most common devices without any interference issues. While we don't anticipate any interference issues, it is theoretically possible that in areas of extreme congestion, some interference could occur. Should interference occur, we recommend changing the zone as below.

**THREE ZONE CAPABILITY:** If using multiple sets of speakers in different locations, this allows them to be controlled individually. The zone can be adjusted on the transmitter and the speakers.

**INFRARED REMOTE CONTROL:** Includes power and volume control and four pre-set equalizer options; the user can control the speakers individually (e.g. they don't all have to be at the same volume level). The remote can transmit approximately 30 feet within line of site.

**SUB-WOOFER:** Can be purchased to provide additional bass support. Includes 4" driver (sold separately).



Black with Antique Bronze



Black with Satin Nickel



White with Satin Nickel

## railtones 2 Speaker Kit

The speakers operate on our 12 volt or 24 volt low-voltage systems including MonoRail, Two-Circuit MonoRail, and FreeJack. Using the adapters on p. 7, the speakers can also be mounted to Tech Lighting's T-TRAK system, most popular track lighting systems, and most 6 inch recessed downlights.

700RT	SYSTEM	SPKT01	COLOR/FINISH
FJ	FREEJACK	BZ	BLACK/ANTIQUE BRONZE
MO	MONORAIL	BS	BLACK/SATIN NICKEL
MO2	TWO-CIRCUIT MONORAIL	WS	WHITE/SATIN NICKEL



### Kit includes:

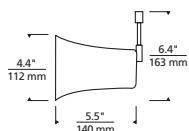
- (2) Speakers
- (1) Wireless transmitter
- (1) Infrared remote control
- (1) Power adapter
- (1) 3.5mm Audio cable

## Individual Components



### railtones Speaker

Additional speakers may be added to your system and will work with all of the components that come in the railtones speaker kit. The speakers operate on our 12 volt or 24 volt low-voltage systems including MonoRail, Two-Circuit MonoRail, and FreeJack. Using the adapters on p. 7, the speakers can also be mounted to Tech Lighting's T-TRAK system, most popular track lighting systems, and most 6 inch recessed downlights.

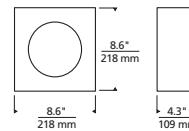


700RT	SYSTEM	SP01	COLOR/FINISH
FJ	FREEJACK	BZ	BLACK / ANTIQUE BRONZE
MO	MONORAIL	BS	BLACK / SATIN NICKEL
MO2	TWO-CIRCUIT MONORAIL	WS	WHITE / SATIN NICKEL



### railtones Subwoofer

The subwoofer can be purchased separately to provide additional bass support. Plugs into the wall and connects wirelessly to the railtones transmitter. Includes 4" driver. Railtones remote will also control volume on the subwoofer.



### railtones Transmitter

The transmitter delivers the audio signal from the source to the speakers. It connects to a computer utilizing the built-in USB connector or to most portable audio devices such as an iPod/iPhone® using the 3.5mm to 3.5mm audio cable (included in the kit). It can also be connected to a receiver, stereo, or television using a 3.5mm to RCA connector (not included in the kit, order separately).

**700RTTMIT01**



### railtones Power Adapter

Provides power to the transmitter. Not needed if plugging the transmitter directly into the USB port on a computer.

**700RTPSUP01**



### 3.5mm Audio Cable

Connects the railtones transmitter to most portable audio devices such as an iPod/iPhone®. 2 meters/6.5 feet.

**700RTCORD01**



### 3.5mm to RCA Cable

Connects the railtones transmitter to the RCA jack found on a receiver, stereo, or television. 0.5 meters/1.6 feet.

**700RTCORD02**



### railtones Remote Control

Includes power and volume controls and four pre-set equalizer settings. The user can control the speakers individually. For example, speakers mounted in different areas do not have to be set at the same volume level. If pointed directly at the speaker, the remote transmits approximately 30 feet.

**700RTREMOTE01**

# Canopies



railtones Speaker shown with 4" Round Flush Canopy



## 4" Round Flush Canopy

Mounts to a standard 4" junction box with round plaster ring (provided by electrician). Electronic transformer (included) fits in junction box. One FreeJack port; for ceiling or wall.

**700FJ4RF** FINISH **-RT**

Z ANTIQUE BRONZE  
B BLACK  
S SATIN NICKEL  
W WHITE



## 4" Square Flush Canopy

Mounts to a standard 4" junction box with round plaster ring (provided by electrician). Electronic transformer (included) fits in junction box. One FreeJack port; for ceiling or wall.

**700FJ4SQ** FINISH **-RT**

Z ANTIQUE BRONZE  
B BLACK  
S SATIN NICKEL  
W WHITE



## 2" Square Flush Canopy

Mounts to a special 2" square, 6" deep junction box (included). Electronic transformer (included) fits in junction box. One FreeJack port; for ceiling only.

**700FJ2SQ67** FINISH **-RT**

Z ANTIQUE BRONZE  
B BLACK  
S SATIN NICKEL  
W WHITE



VAULTED



FLAT

## Surface Canopy

Mounts to a standard 4" junction box with round plaster ring (provided by electrician). Vaulted version available for ceilings up to 45°. Electronic transformer inside 2" high, 4.5" diameter housing. One FreeJack port; for ceiling or wall.

**700FJSF** FINISH FINISH **-RT**

4 FLAT Z ANTIQUE BRONZE  
4V VAULTED B BLACK  
S SATIN NICKEL  
W WHITE



railtones Speaker shown with T~TRAK FreeJack Connector



### T~TRAK FreeJack Connector

Use to mount a railtones speaker to a T~TRAK system. Order one T~TRAK FreeJack Connector for each speaker. Specify Single-Circuit T~TRAK or Two-Circuit T~TRAK. Includes transformer.

700	SYSTEM	CHEDFJ	FINISH	-RT
	TT SINGLE-CIRCUIT T~TRAK		S SATIN NICKEL	
	TT2 TWO-CIRCUIT T~TRAK		W WHITE	



### Track Adapter

Use to mount a railtones speaker to most popular track lighting systems.

700FJ	TYPE	FINISH	-RT
HASP	FITS JUNO/HALO*	B BLACK	
LISP	FITS LIGHTOLIER*	W WHITE	



### Recessed Can Adapter

Use to retrofit existing recessed down-lights for use with railtones speakers. Includes transformer. Mounts to any recessed can that is 6-1/4" to 6-1/2" in diameter and has "C" shaped hooks on the inside can wall.

700FJRCAD	FINISH	-RT
Z	ANTIQUE BRONZE	
S	SATIN NICKEL	
W	WHITE	

ETL classified for use with the following recessed cans: Juno IC2, Juno IC22, TC2, and TC2R; Halo H7T and H7RT; Cooper Lighting H27RT; Capri (Thomas) Lighting PR75ASIC/TPR75ASIC/DY643I; Progress Lighting P7TG, P8-TG, and P-8TG & PIO8-TG.\*

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