



ROCKFA62T-BR

6" Strategy Series® Rock Landscape Speaker System



ROCKFA62T-BR

General Description

Atlas Sound's ROCKFA62T-BR brings Strategy Series® sound quality to the great outdoors by packaging the proven performance of the Strategy Series® FA136 driver in a specially designed, natural looking brown enclosure designed to mimic the look of brown granite. Atlas Sound's weather-resistant ROCKFA62T-BR loudspeaker systems offer accurate sound reproduction and nature inspired aesthetics' in a compact simulated, rock enclosure.

System components consist of a highly efficient 6" woofer section and ½" PEI (Polyetherimide) dome high frequency tweeter. An internal 32 watt 70.7V / 100V transformer is terminated to a 24" direct burial rated pigtail that includes conductors for all transformer taps including a 1:1 connection for 8Ω operation. In an effort to enhance vocal and musical clarity in multi-speaker outdoor systems, the ROCKFA62T-BR is optimized to complement the FAP62T (for under eave mounting) and the SM52T for on the wall deployment in outdoor high quality sound systems.

To withstand the harshest environments, the new Strategy Series® ROCKFA62T-BR ground level deployed loudspeakers are constructed of weather-resistant materials. Woofers feature treated Kevlar® cone and synthetic rubber surrounds and the tweeter is constructed of PEI (Polyetherimide).

The speaker systems include an embedded underground eyebolt for a security anchor to prevent theft.

Architect & Engineer Specifications

The outdoor rock loudspeaker system shall be Atlas Sound ROCKFA62T-BR or approved equal. The simulated stone assembly shall consist of a 2-way FA136 style, coaxial woofer and tweeter, within an weather-resistant housing constructed of paintable UV-resistant, styrene, fiber reinforced molded plastic finished in a granite brown finish to mimic the look of natural stone. The unit shall be secured to its location at ground level through an embedded I-bolt security ring.

The 50 Watt RMS (32 Watt transformer) system shall have a 6" woofer, constructed of polypropylene impregnated Kevlar™ with Norsorex™ synthetic rubber surround , and a ½" coaxially mounted PEI (Polyetherimide) tweeter. The dividing network crossover frequency shall be 5kHz. Each unit shall include an internally mounted 32 watt 70.7V / 100V line matching transformer for use in distributed sound applications and have a 24 inch multi conductor wire extension for selecting wattage taps and for 8Ω applications. Wattage taps shall be 2, 4, 8, 16, & 32 @ 70.7V plus 1:1 tap for 8Ω operation. The loudspeaker system shall meet the following performance criteria: Power handling, 50 Watts RMS (32 Watt Transformer); Frequency response, ±5dB from 80Hz – 20kHz; Pressure sensitivity, 88dB SPL at one watt. The unit shall be 10½" (267mm) in height 12½" (318mm) in width and 9" (229mm) in depth. Weight Shall be 13.15lbs (5.96kg).

Specifications

Power Rating	50 Watt (Transformer 32 Watt)
Transformer Taps	4, 8, 16, 32 Watts and 1:1 winding for 8Ω mode
Sensitivity (1W / 1M)	88dB
Frequency Response	80Hz – 20kHz (±5dB)
Crossover	5kHz
Height	10½" (267mm)
Width	12½" (318mm)
Depth	9" (229mm)
Weight	13.15lbs (5.96kg)

Application

Use the Atlas Sound ROCKFA62T-BR Strategy Series® loudspeaker system for commercial, professional and residential applications where high-fidelity sound and weather-resistance is desired. Full-range frequency response makes these systems ideal for outdoor installation, in monaural and stereo foreground or background music systems, and for applications in which a ground speaker system is desired.

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8Ω Wiring

Connect the BLACK wire on the ROCKFA62T-BR to the negative or common on your amplifier, and the RED to the positive. If your amplifier will support speaker loads down to 4Ω, you can connect two (2) ROCKFA62T-BR's in parallel, per channel. Consult the owners manual of your amplifier to verify this.

Use 2 conductor stranded wire of sufficient capacity to avoid voltage drops due to long lengths.

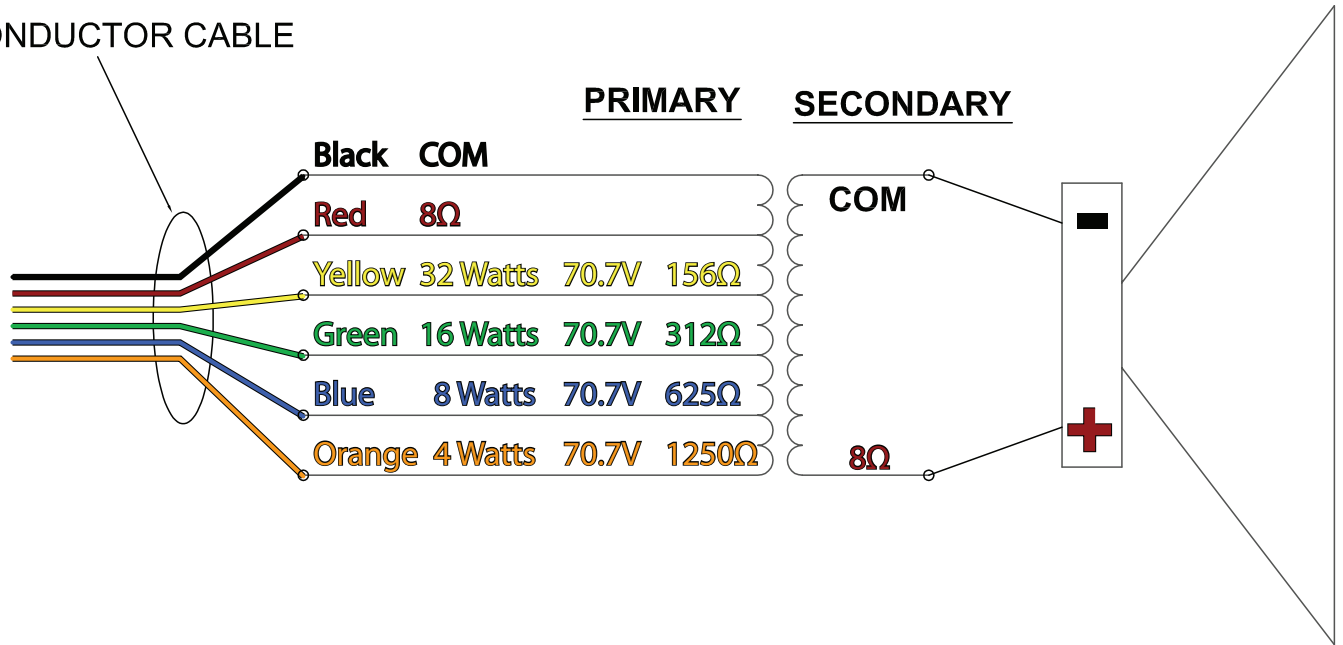
70.7V WIRING

Connect the BLACK wire on the ROCKFA62T-BR to the negative or common on your commercial amplifier. Choose the appropriate color for the 70.7V tap per the instructions below.

Use 2 conductor stranded wire of sufficient capacity to avoid voltage drops due to long lengths.

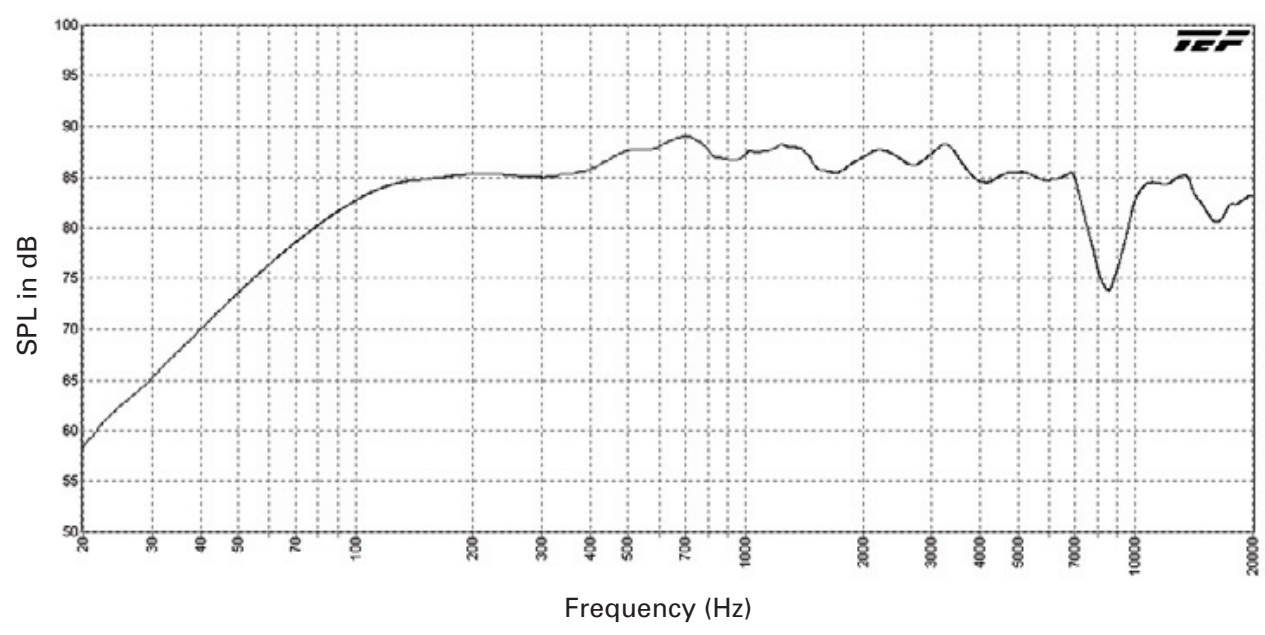
Black	Common
Red	8Ω (Do Not Use For 70.7V Operation)
Yellow	32 Watt Tap
Green	16 Watt Tap
Blue	8 Watt Tap
Orange	4 Watt Tap

6 CONDUCTOR CABLE



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ROCKFA62T-BR Frequency Response



ROCKFA62T-BR Impedance (Ohms) vs Frequency

