User Manual

Remote Control System Specification

Revision 7, 1 May 08 (Preliminary, not released for production)

1 Key Fob Transmitter,

Giant Alarm System Co. Model JJ-RC-F with EV1527
Two buttons with one button designating up symbol
and the other a down symbol (see Remote Specifications)

2 Receiver Configuration;

Giant Alarm System Co. Model JJ-JS-06 with EV1527
Regeneration type frequency selection
- Nominal 12 V input to receiver..
- Operating temperature range: -5C to 75C
- Manufacture is to provide assurance of FCC approval
- Output rating: 12V 2 Amp minimum rating
  12V 1 Amp maximum load

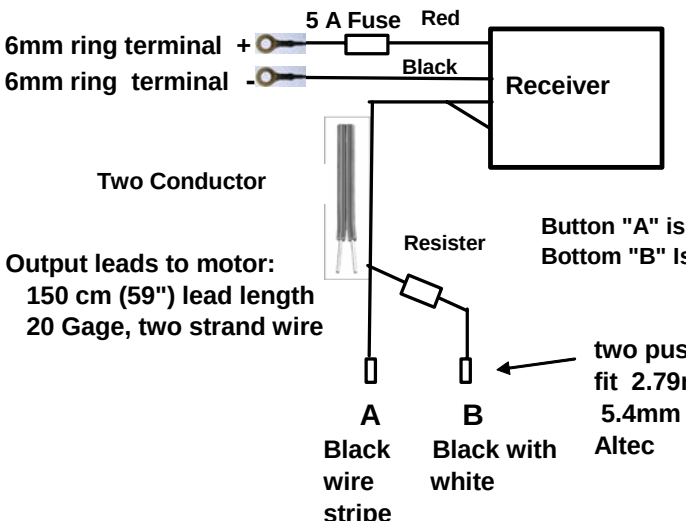
Operation Specification

Transmitter input	Receiver output To Motor	
(transmitter has two buttons)	A	B
No buttons pushed	0 V	0 V
Both Buttons pushed	0 V	0 V
"A" button pushed and held	+ 12V	- 12V
"B" button pushed and held	- 12V	+ 12V

(see **A** & **B** labels on picture below)

3 Receiver leads

Battery Input Leads:
120 cm (47") inch leads to battery



Transmitter Buttons

(See layout for button detail)

Button "A" is Up, wire "A" is + and "B" -
Bottom "B" Is DOWN, wire "A" is - and "B" +

two push-on terminal receptacles to fit 2.79mm wide x 0.51mm thick x 5.4mm long tab on motor supplied by Altec

Wire Specifications:
All wire is 20 gage (8mm) or larger, two conductor, 105 deg C rated, minimum insulation thickness of .50mm (.020 inch)

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NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment.Such modifications could void the user’s authority to operate the equipment.

Federal Communications Commission (FCC) Statement

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.
-- Increase the separation between the equipment and receiver.
-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-- Consult the dealer or an experienced radio/TV technician for help.