



## INSTALLATION INSTRUCTIONS

1917 OAK PARK BLVD. PLEASANT HILL, CA 94523  
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Interface  
Unit  
IF-1

### INSTALLATION

- 1) Mount the Interface Unit away from heat, vibration and ignition wires. It can be mounted in any position, even upside down.
- 2) Wire as shown in the wiring diagram. The wiring will be the same whether you are using two RTD (Reaction Time Delay) units or one RTD and one CO (Crossover Delay) unit as shown. There may be occasions where only one delay box will be used. This delay box should be wired as Unit #1. All wiring should be at least 14 gauge size, with 12 gauge on the interface + 12v terminal as shown.

### OPERATION

#### USING ONLY ONE DELAY BOX

Flip the small toggle switch on the IF-1 unit to the "INPUT #1 ONLY" position. This causes the IF-1 unit to ignore delay box #2 and allows you to use delay box #1 as a regular delay box.

#### USING TWO DELAY BOXES

- 1) Flip the toggle switch to the "BOTH INPUTS" position.
- 2) The interface unit can be used in two different situations. You can use a CO Crossover unit to leave off of your opponent's tree and an RTD Delay unit to leave off of your tree; or you can leave off of the top light on your tree with one of the delay boxes and the bottom light on your tree with the other delay box.
- 3) Set the delay boxes to give you the delays that you need.
- 4) To set the trans brake, both trans brake buttons must be pressed.
- 5) At the proper times, release the trans brake buttons. The quickest-releasing delay box will release the trans brake and turn on its LED on the IF-1 interface unit. The LED will stay on until you reset the trans brake or shut off the power.

SEE REVERSE SIDE FOR WIRING DIAGRAM

#### LIMITED 1 YEAR WARRANTY

Dedenbear Products components are warranted by Dedenbear Products against defective material or workmanship under normal use and service for a period of one (1) year after purchase. Dedenbear Products will repair or replace the defective unit, at Dedenbear Products option, free of charge. This warranty does not cover any damage to the component caused by abuse, mishandling, alteration, accident, electrical current fluctuations, failure to follow installation/operating instructions, maintenance, storage and environmental conditions, or repair attempts made by anyone other than Dedenbear Products Authorized Service facility.

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For service on all Dedenbear Products, return directly to: DEDENBEAR PRODUCTS, INC. • ATTN: REPAIRS • 1917 OAK PARK BLVD. • PLEASANT HILL, CA 94523. For faster service, please include a note describing the nature of the problem, a copy of your original invoice, your name, return shipping address, and a daytime phone number where you can be reached.

