



## Deluxe Discharge Alarm

DU-RBH-01 (Round, Black, Horn)  
DU-RCH-01 (Round, Chrome, Horn)

Owner's Manual  
&  
Installation Instructions

Read and comply with all instructions, warnings and limitations before installing, servicing or removing this device.

Additional copies of this manual are available at no charge by contacting the manufacturer, distributor or dealer. Fireboy-Xintex reserves the right to change features without notice.

General Information	3
Specifications	3
Operation of Fireboy Deluxe Discharge Alarm(s)	3
Installation	5
Installing the Display Unit (DU-RBH-01/DU-RCH-01)	5
Electrical Connections (DU-RBH-01/DU-RCH-01)	5
Testing the DU-RBH-01/DU-RCH-01	5
Maintenance	5
In the Event of an Alarm	6
Repairing Fireboy Deluxe Discharge Alarm(s)	6
Returning Fireboy Deluxe Discharge Alarm(s)	6
1 Year Limited Warranty	7

## General Information

The DU-RBH-01 and DU-RCH-01 Deluxe Discharge Alarms are an effective means to monitor the status of your Fireboy Pre-engineered Fire Suppression system. The Deluxe Discharge Alarms have both visual and audible indication of the Fire Suppression system's status.

## Specification

### System Specifications (DU-RBH-01/DU-RCH-01)

Operating Voltage: 9-30 VDC

Nominal Current Draw: 25mA @ 12 VDC

Maximum Current Draw: 75mA @ 9 VDC

Operating Temperature: 22°F (-6°C) to 158°F (70°C)

Alarm Horn: ≈ 68dB

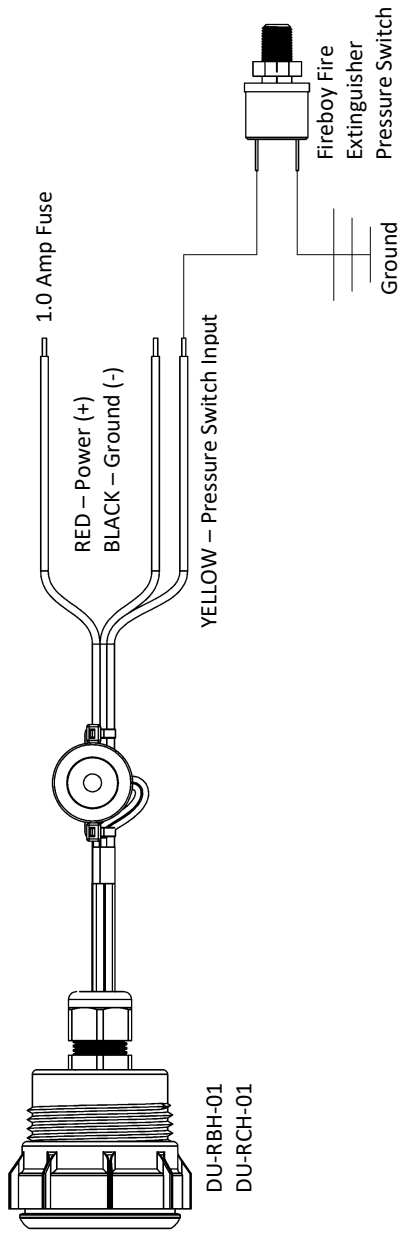
## Operation of Fireboy Deluxe Discharge Alarm(s)

The Deluxe Discharge Alarm has a Green LED located on the front face of the unit. The LED will be illuminated as long as the Fire Suppression bottle is full. If the Fire Suppression bottle drops in pressure from either a discharge or leak, the LED will turn off, and the horn will sound.



DU-RBH-01

DU-RCH-01



## Installation

### Installing the Display Unit (DU-RBH-01/DU-RCH-01)

The Deluxe Discharge Alarm should be located at the instrument panel, so that the visible and audible indicators may be easily seen and heard.

Drill a 2-1/16" hole to accommodate the DU-RBH-01/DU-RCH-01.

Insert Display Unit into hole and secure with the provided threaded mounting nut.

### Electrical Connections (DU-RBH-01/DU-RCH-01)

The Deluxe Discharge Alarm operates on 9-30 VDC. A Red and a Black 16 GA wire are provided for connecting to the power source. Connect the Red wire to Power (+) with an inline 1.0 Amp fuse. Connect the Black wire to Ground (-).

A Yellow 16 GA wire is provided for connecting the Deluxe Discharge Alarm to a Fireboy Pre-Engineered Fire Extinguisher. Connect the Yellow wire to one of the terminals of the Pressure Switch located on the Fire Extinguisher. The second terminal of the Pressure Switch is connected to Ground.

### Testing the DU-RBH-01/DU-RCH-01

The DU-RBH-01/DU-RCH-01 can be tested by disconnecting either wire connection at the Pressure Switch. When the wire is disconnected, the LED will turn off and the alarm horn will sound.

## Maintenance

The system should be tested periodically in the fashion described in the previous sections

### In the Event of an Alarm

1. Immediately shutdown all engines, powered ventilation, and electrical systems.
2. Extinguish all smoking materials.
3. DO NOT open the engine compartment.
4. Before inspecting for damage, allow the agent to “soak” the compartment for at least 15 minutes and wait for hot metals or fuels to cool.
5. Have approved portable extinguishers in hand and ready for use.
6. Do not breathe fumes or vapors caused by the fire and/or suppression agent. They are hazardous and toxic. Refer to Health and Safety section of the Extinguisher Manual.
7. Forced ventilation will often be necessary. Care should be taken to readily dissipate hazardous atmospheres and not merely move them to another location. Consideration should be given to exhaust paths when opening or venting the enclosure after discharge. Ventilation should not be directed near any area that might be used as a gathering spot for personnel.

### Repairing Fireboy Deluxe Discharge Alarm(s)

Fireboy Deluxe Discharge Alarms are not field serviceable. Components must be returned to the factory for any repairs.

### Returning Fireboy Deluxe Discharge Alarm(s)

No product may be returned for credit or repair without a written “Returned Material Authorization” (RMA) form. Purchaser must call or email Fireboy-Xintex 616-735-9380 or [fireboy@fireboy-xintex.com](mailto:fireboy@fireboy-xintex.com) for a RMA. If due to extenuating circumstances a product is to be returned, after approval it must be received in 100% new/resalable condition. Products stored by the buyer for more than 26 weeks may not be returned for any reason. Maintaining fresh and current inventory is the responsibility of the buyer.

## 1 Year Limited Warranty

This Warranty is in lieu of all other expressed or implied Warranties

Seller warrants title, materials, and workmanship on equipment, except components manufactured by others for which the Seller assigns, as permitted, the original manufacturer's warranty. Seller's warranty shall be for a period of (1) one year from the date of sale to the ORIGINAL CONSUMER PURCHASER, during which non-conforming equipment returned to the Seller at Buyer's expense and risk, be repaired or replaced at the Seller's option. Fireboy-Xintex LLC will repair or replace products found to be defective in materials or workmanship within the period set forth above, provided that: (a) the product has not been subjected to abuse, contamination, neglect, accident, incorrect wiring not our own, improper installation or servicing, or used in violation of instructions furnished by Fireboy-Xintex LLC and (b) as to any prior defects in materials or workmanship covered by this warranty, the product has not been repaired or altered by anyone except Fireboy-Xintex LLC and (c) the serial number has not been removed, defaced or otherwise changed, and (d) examination discloses, in the judgment of Fireboy-Xintex LLC, does not assume the costs of removal and/or installation of the product or any other incidental costs of removal and/or installation of the product or any other incidental costs which may arise as a result of any defect in material or workmanship, and (e) upon discovery of defect, Buyer shall immediately cease use of and notify Fireboy-Xintex LLC.

Any warranty implied by law, including warranties of merchantability or fitness, is in effect only for the duration of the expressed warranties set forth above, no person is authorized to give any other warranty, or to assume for Fireboy-Xintex LLC any other liability in connection with the sale of its products; Fireboy-Xintex LLC shall not be liable for the loss of use, revenue, or profit or for any injury, or for any other consequential or incidental damages, buyer is not relying on seller's judgment regarding his or her particular requirements, and has had an opportunity to inspect the product to his or her satisfaction.

This warranty gives you specific legal rights, and you may also have other rights, which vary, from state to state.

[www.fireboy-xintex.com](http://www.fireboy-xintex.com)

Fireboy-Xintex LLC  
O-379 Lake Michigan Dr. NW  
Grand Rapids, MI 49534  
[fireboy@fireboy-xintex.com](mailto:fireboy@fireboy-xintex.com)  
Phone (616) 735 9380

Fireboy-Xintex UK Operations Limited  
10 Holton Road, Holton Heath Trading Park  
Poole Dorset BH16 6LT UK  
[fireboyeu@fireboy-xintex.com](mailto:fireboyeu@fireboy-xintex.com)  
Phone 44 (0) 845 9462