

# TANK ALERT® AB DUO ALARM SYSTEM

Easy-to-install dual liquid level alarm system with auto-reset and battery backup features for indoor use.

This alarm system monitors two separate liquid levels in lift pump chambers, sump pump basins, holding tanks, sewage, agricultural, filters, and other water applications.

The alarm horn and red "alarm 1" LED indicator activates when an alarm 1 condition occurs. The alarm horn and yellow "alarm 2" LED indicator activates when an alarm 2 condition occurs.

A green "Power On" light indicates 120 VAC primary power to the alarm. Low battery chirp feature indicates when battery should be replaced.

The Tank Alert® AB DUO alarm system can serve as high or low level alarm or filter alarm depending on the float switch model used.



## FEATURES

- NEMA 1 enclosure, designed for ease of installation, rated for indoor use.
- Automatic alarm reset.
- Red "alarm 1" light, yellow "alarm 2" light, and green "power on" light, alarm "test" switch, and horn "silence" switch.
- Alarm horn sounds at 87 decibels at 10 feet (3 meters).
- Can be used with any switching mechanism rated to include 1 amp, 9 VDC load.
- If primary power fails, the alarm system continues to work due to battery backup feature (battery not included).
- Complete package includes standard SJE SignalMaster® control switch with 15 feet (4.57 meters) of cable and mounting clamp.
- Switching mechanism operates on low voltage and is isolated from the power line to reduce the possibility of shock.
- Low battery chirp.
- Easy access battery compartment.
- External terminal block for easy float switch installation.
- CSA Certified.
- Five-year limited warranty.

## OPTIONS

When ordered with the alarm, the system is available with:

- Auxiliary dry normally open and normally closed contacts

## SPECIFICATIONS

### VOLTAGE FOR 120 VAC MODEL:

Primary: 120 VAC, 50/60 Hz,  
2.4 watts max. (alarm condition)  
Secondary: 9 VDC

### BATTERY BACKUP POWER: 9 VDC

**ALARM ENCLOSURE:** 6 x 4 x 2.25 inches  
(15.24 x 10.16 x 5.71 cm), NEMA 1  
plastic

**ALARM HORN:** 87 decibels at 10 feet (3  
meters)

**POWER CORD:** 6 foot (1.8 meter)

### AUXILIARY ALARM CONTACTS

**(OPTIONAL):** Voltage: 120 VAC;  
Current: 0.5 amps maximum

**FLOAT SWITCH CONNECTION TERMINAL:**  
for float switch connection only  
(voltage across terminals is 8-9 VDC)

**FLOAT SWITCH:** SJE SignalMaster® control  
switch with mounting clamp

**CABLE:** 15 feet (4.57 meters),  
flexible 18 gauge, 2 conductor (UL)  
SJOW, water resistant (CPE)

**FLOAT:** 2.74 inch diameter x 4.83  
inch long (7.0 cm x 12.3 cm),  
high impact, corrosion resistant  
polypropylene housing for use in  
sewage and water up to 140°F (60°C)



**SJE RHOMBUS**

PO Box 1708, Detroit Lakes, MN 56502  
1-888-DIAL-SJE • 1-218-847-1317  
1-218-847-4617 Fax

email: [customer.service@sjerhombus.com](mailto:customer.service@sjerhombus.com)

**[www.sjerhombus.com](http://www.sjerhombus.com)** D.5

SEE BACKSIDE FOR ORDERING INFORMATION.  
SEE PRICE BOOK FOR LIST PRICE.

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## ORDERING INFORMATION

120 VAC		Shipping Weight
Part#	Description	
1036378	TA AB DUO-01H (120 VAC w/15' SJE SignalMaster® High Level	2.73 lbs
1052956	TA AB DUO-01X (120 VAC - no float switch)	1.50 lbs

120 VAC WITH AUXILIARY CONTACTS		Shipping Weight
Part#	Description	
1038473	TA AB DUO-01HA (120 VAC w/15' SJE SignalMaster® High Level w/Aux Contacts	2.75 lbs

H = High Level A = Auxiliary Contacts X = No Float

**MASTER CARTON holds 16 boxed units.**  
**SEE PRICE BOOK FOR LIST PRICE.**



## SPECIFICATIONS

### VOLTAGE FOR 120 VAC MODEL:

Primary: 120 VAC, 50/60 Hz, 2.4 watts max. (alarm condition)

Secondary: 9 VDC

**BATTERY BACKUP POWER:** 9 VDC

**ALARM ENCLOSURE:** 6 x 4 x 2.25 inches (15.24 x 10.16 x 5.71 cm), NEMA 1 plastic

**ALARM HORN:** 87 decibels at 10 feet (3 meters)

**POWER CORD:** 6 foot (1.8 meter)

**AUXILIARY ALARM CONTACTS (OPTIONAL):** Voltage: 120 VAC;  
Current: 0.5 amps maximum

**FLOAT SWITCH CONNECTION TERMINAL:** for float switch connection only  
(voltage across terminals is 8-9 VDC)

**FLOAT SWITCH:** SJE SignalMaster® control switch with mounting clamp

**CABLE:** 15 feet (4.57 meters), flexible 18 gauge, 2 conductor (UL) SJOW, water resistant (CPE)

**FLOAT:** 2.74 inch diameter x 4.83 inch long (7.0 cm x 12.3 cm), high impact, corrosion resistant polypropylene housing for use in sewage and water up to 140°F (60°C)

**Call or fax your order!**

**1-888-DIAL-SJE (1-888-342-5753) / Fax 218-847-4617**

*Product offering and pricing are subject to change without notice.*

*Please visit [www.sjerhombus.com](http://www.sjerhombus.com) for the most current information.*



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[www.sjerhombus.com](http://www.sjerhombus.com)

[customer.service@sjerhombus.com](mailto:customer.service@sjerhombus.com)