

# TANK ALERT® AB DUO ALARM SYSTEM

Indoor Dual Alarm System with Auto Reset and Battery Backup

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)
- 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

## OPTIONS

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

- Auxiliary dry normally open and normally closed contacts



LR54245

**TANK ALERT® AB DUO** - Easy-to-install indoor alarm featuring two alarm inputs to monitor two level conditions. Includes auto reset and battery backup features.

Part #	Description	Shipping Weight	List Price
1036378	TA AB DUO-01H (120 VAC w/15' SJE SignalMaster® High Level)	2.73 lbs.	\$257.04
1038473	TA AB DUO-01HAUX (120 VAC w/15' SJE SignalMaster® High Level w/Auxiliary Contacts)	2.75 lbs.	\$283.82
1052956	TA AB DUO-01X (120 VAC - no float switch)	1.50 lbs.	\$199.21

H = High Level X = No Float AUX = Auxiliary Contacts MASTER CARTON holds 16 boxed units.

## 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)

**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)

### AUXILIARY ALARM CONTACTS (OPTIONAL):

**VOLTAGE:** 120 VAC;

**CURRENT:** 0.5 amps maximum