

ITT

BCALARM R2

Wastewater and Water Systems

CentriPro

Indoor and Outdoor
Level Alarm Panels



CentriPro is a brand of ITT Corporation.

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FEATURES

- Indoor and Outdoor alarm panels for sump, effluent and wastewater systems as well as cisterns and storage tanks.
- Use Normally Open (NO) floats for high level or Normally Closed (NC) for low level indication.
- Enclosures rated by NEMA Standards for location/placement.
 - NEMA 1 for indoor use
 - NEMA 3R or 4X enclosures for outdoor use
- LA... (Boulay Fab. Level Alarm) units are sold less floats.
- TA... (Tank Alert®) alarms are provided with floats.
- A4-2 (TA-AB) is a new design - see new data section.
- Standard models require a 120V power supply.
- Battery backup alarm available on some models.
- Two Wireless Alarm units - allow retrofitting an alarm without digging up lawns and landscaping. There is a standard unlisted model and one with a UL listed enclosure and power supply.

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MODEL INFORMATION

Alarm Order No.	Agency Listing	NEMA Rating ③	Float Switch Included	Float Switch Length	Power Cord Length	Audible Alarm Type/db at 10'	Primary Power	Hertz	Voltage to Float Switch	Battery Backup Alarm	Additional Features
A4-2 (TA-AB)	UL, CSA	N1	Yes	10'	6'	Horn / 87	120 VAC	60	9 VDC	Yes	
TAN1M*	UL, CSA	N3R		15'	N/A	Horn / 88		50/60	12 VAC	No	
TAN3M*	UL, CSA					Horn / 85					
TAN4M*		N4X				Horn / 88					
TAABW	FCC	N1		10'	6'	Horn / 87		60	9 VDC	Yes	①
TAABWUL											
TAABP				10' ②							②
LAN1	UL, CSA	N4X	No	Order Separately	N/A	Bell / 88		120 VAC	No		
LAN4	UL, CSA					Horn / 95 @ 2'					

* M = Mechanical SignalMaster Switch

① This device is wireless and will transmit a signal up to 150' between the transmitter and the alarm, it requires line of sight clearance between the transmitter and the alarm panel, i.e. (no hills in between).

② The TAABP has a 120V, NEMA 5-15R, 13.8 Amp Max. receptacle on the bottom to accommodate a pump plug.

③ N1 = Indoor, N3R = Raintight (Outdoor), N4X = Watertight (Outdoor) and Corrosion Resistant (Fiberglass).

A4-2 (AB Alarm with Battery Backup)

- CSA Certified and UL Listed
- NEMA 1 enclosure, designed for ease of installation, rated for indoor use.
- If primary power fails, the alarm system continues to work due to battery backup feature (battery not included).
- Voltage:
 - Primary: 120 VAC, 60 Hz, 2.4 watts maximum, (alarm condition)
 - Secondary: 9 VDC to switch
- Battery Backup Power: 9 VDC
- Alarm Horn: 87 decibels at 10 feet (3 meters)
- Power Cord: 6 feet (1.8 meters)
- Red "alarm" light and green "power on" light, alarm "test" switch, and horn "silence" switch.
- Complete package includes standard SJE SignalMaster® control switch with 10 feet of cable and mounting clamp. SJE SignalMaster control switch passes NSF Standard 61 protocol by an approved Water Quality Association laboratory.

① For float switch connection only. Do not apply power. (Voltage across terminals is 8-9 VDC.) See picture below.



TAN1M (No Battery Backup)

- CSA Certified and UL Listed
- NEMA 1 enclosure, designed for ease of installation, rated for indoor use.
- Voltage:
 - Primary: 120 VAC, 50/60 Hz, 5 watts maximum, (alarm condition)
 - Secondary: 12 VAC float voltage
- Alarm Horn: 86 decibels at 10 feet (3 meters)
- Power Cord: 6 feet (1.8 meters)
- Float Switch Connection Terminal: For float switch connection only. Do not apply power. (Voltage across terminals is 12 VAC.)
- Float Switch: Sensor Float® 15' control switch with mounting clamp.
- Red warning light, warning light stays on until condition is remedied.
- Green "power on" light, alarm test switch and horn silence switch.
- Mechanical SignalMaster® Float on TAN1M, switches are rated for a maximum fluid temperature of 140° F (60° C).
- Does not control or interface with pump.
- Operates even if pump circuit fails when wired on separate circuit.



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TAN3M (XT Alarm System)

- The Tank Alert® XT can be used as a high level alarm in lift chambers, sump pump basins and holding tanks.
- UL Listed (for indoor and outdoor use) and CSA Certified.
- Voltage: 120 VAC, 50/60 Hz, 8.5 watts maximum, (alarm condition)
- Enclosure meets Type 3R water-tight standards, listed for indoor or outdoor use under UL standard 864. Dimensions are 6.5" x 4.5" x 3.0"
- Premounted terminal block so enclosure can also be used as a junction box for splicing pump, pump switch and pump power. Meets NEC standard for junction boxes.
- N.O. float switch has a 15' long, 18 gauge, 2 conductor SJOW (UL) cord
- Mechanical SignalMaster® Float on TAN3M, switches are rated for a maximum fluid temperature of 140° F (60° C)
- Automatic alarm reset, alarm test switch and horn silence switch
- Alarm Horn: 85 decibels at 10 feet (3 meters)
- Does not control or interface with pump
- Operates even if pump circuit fails when wired on separate circuit
- No power cord.



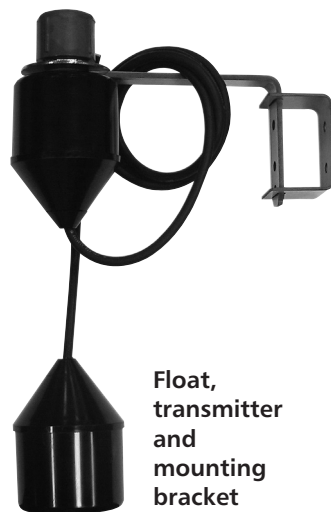
TAN4M (4X Alarm System)

- The Tank Alert® 4X can be used as a weatherproof high level alarm in lift chambers, sump pump basins and holding tanks.
- UL and cUL Listed
- Single phase, 120 volt, 60/50 hertz power supply required, 7 watts max. during alarm condition
- NEMA 4X enclosure rated for indoor or outdoor use.
- No power cord.
- Float Switch: Sensor Float® control switch with mounting clamp, 15' long, 18 gauge, SJOW.
- Stainless steel alarm horn sounds at 88db @ 10' (3 meters)
- NEMA 4X alarm beacon
- Automatic alarm reset and alarm test/normal/horn silence switch
- Dimensions are 6.4" x 5.3" x 5.0"
- Switches are rated for a maximum fluid temperature of 140° F (60° C)
- Does not control or interface with pump
- Operates even if pump circuit fails when wired on separate circuit.



TAABW (Alarm System - Standard Unit)

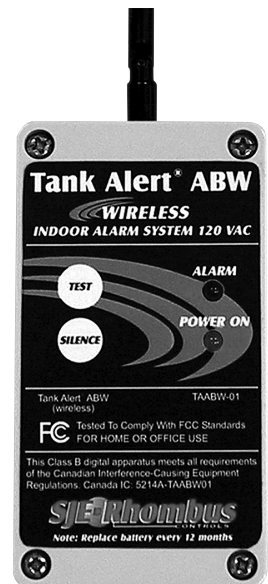
- The Tank Alert® ABW features a battery operated, wireless transmitter that is placed in a tank up to 150' from the receiver/alarm.
- Easy to install, wireless liquid level alarm system with auto-reset, battery backup feature, add to existing systems without digging up lawns and landscaping.
- NEMA 1 indoor rated alarm enclosure
- FCC approved wireless transmitter with up to 150' range, includes mounting bracket
- Red "alarm" light and green "power on" light, alarm "test" switch, and horn "silence" switch
- Includes 10' Sensor Float® mechanical control switch
- Switching mechanism operates on low voltage and is isolated from the power line to reduce the possibility of shock.
- Alarm horn: 87 db @ 10'
- Battery backup power: 9 VDC (battery not included)
- Power cord: 6' cord supplied
- Alarm Enclosure: 6" x 4" x 2.25" NEMA 1 plastic
- Long life Lithium battery in transmitter (recommend replacement every 2 years)
- Loss of signal alarm. After 3 hours and 15 min. without a signal, an alarm sounds and the red light blinks.
- Agency Listing: FCC (FCC ID# SCP TAABW01)



Float,
transmitter
and
mounting
bracket

TAABWUL (UL/cUL Listed Components)

- The Tank Alert ABW UL features a battery operated wireless transmitter that is placed in a tank up to 150' from the receiver/alarm.
- Easy to install, wireless liquid level alarm system with auto-reset, battery backup feature, add to existing systems without digging up lawns and landscaping.
- TAABWUL version has a UL/cUL listed enclosure and power supply
- NEMA 1 indoor rated alarm enclosure
- FCC approved wireless transmitter with up to 150' range, includes mounting bracket
- Red "alarm" light and green "power on" light, alarm "test" switch, and horn "silence" switch
- Includes 10' Sensor Float® mechanical control switch
- Switching mechanism operates on low voltage and is isolated from the power line to reduce the possibility of shock.
- Alarm horn: 87 db @ 10'
- Battery backup power: 9 VDC (battery not included)
- Power cord: 6' UL/CUL listed class 2 power cord supplied
- Alarm Enclosure: 4.6" x 2.5" x 1.5" NEMA 1 plastic
- Long life Lithium battery in transmitter (recommend replacement every 2 years)
- Loss of signal alarm. After 3 hours and 15 min. without a signal, an alarm sounds and the red light blinks.
- Agency Listings: FCC (FCC ID# SCP TAABW01)



TAABWUL

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TAABP (ABP Alarm with Pump Receptacle)

- 120V receptacle on bottom to plug in pump power cord.
- Control Switches: Two factory spliced SJE MilliAmpMaster™ control switches with 10' of cable and mounting clamps.
- UL/cUL Listed
- NEMA 1 enclosure, designed for ease of installation, rated for indoor use.
- Voltage:
 - Primary: 120 VAC, 60 Hz, 2.4 watts maximum
 - Secondary: 9 VDC
- Battery Backup Power: 9 VDC
- Alarm Horn: 87 decibels at 10 feet (3 meters)
- Power Cord: 6 feet (1.8 meters)
- Automatic alarm reset
- Red "alarm" light and green "power on/pump run" light, alarm "test" switch, and horn "silence" switch.
- Alarm float acts as redundant on float for pump.

① External 8-9 VDC terminal connection for float cord. See picture below.



LAN1

- UL and CSA Listed
- Provides warning of high liquid level conditions when used with a Normally Open (N.O.) float switch. Use a Normally Closed (N.C.) switch for low level warning.
- Single phase, 120 volt, 60 hertz power required
- NEMA 1 painted steel enclosure suitable for indoor use
- Dimensions are 8" x 8" x 4"
- Alarm bell, 88db @ 10' (3 meters)
- Red warning light (non-flashing) on panel front
- Power On light
- Off/On reset switch through door
- Does not control or interface with pump
- Alarm bell and light stay on until reset even if level goes down
- Operates even if pump circuit fails when wired on separate circuit
- Float switch required, order switch separately (N.O. = A2D11 mechanical, N.C. for low level alarm = A2E23U mechanical)



LAN4

- UL and CSA Listed
- Provides warning of high liquid level conditions when used with a Normally Open (N.O.) float switch. Use a Normally Closed (N.C.) switch for low level warning.
- Single phase, 120 volt, 60 hertz power required
- NEMA 4X fiberglass, corrosion resistant, weatherproof enclosure suitable for outdoor use and damp environments
- Dimensions are 14" (includes light) x 10" x 5.5"
- NEMA 4X alarm buzzer, 95db @ 2' (.6 meters)
- NEMA 4X flashing alarm light on top of panel provides up to 360° signal depending on mounting
- Power On light inside enclosure
- Off/On reset switch inside enclosure
- Locking hasp on door
- Does not control or interface with pump
- Alarm bell and light stay on until reset even if level goes down
- Operates even if pump circuit fails when wired on separate circuit
- Float switch required, order switch separately (N.O. = A2D11 mechanical, N.C. for low level alarm = A2E23U mechanical)





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