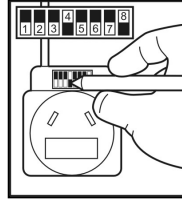


TANK-ALERT

INSTALLATION INSTRUCTIONS

SETTING RECEIVER

- Accurately measure the height of your tank (mm).
- Using the Switch Setting Chart for Tank Height chart (**PTO**), locate your tank nearest height measurement read across to the relevant multi switch settings.
- The multi switches are located in a recess at the back of the receiver above the pins. Using a screwdriver or ball point pen tip, flip the relevant switch(es) upwards (= **ON**). As an example, if the tank is 850 mm high, set switches **ON (Up)** Number **4 & 8**.



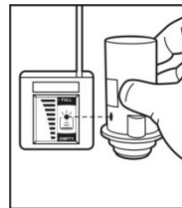
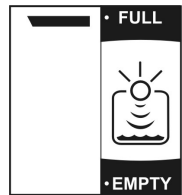
Your **Tank-Alert** receiver is now programmed to your tank height.

MATCHING RECEIVER AND TRANSMITTER

You should match the receiver with the transmitter so that the system code is unique to your tank. Transmitter will not be active prior to this process.

You only need to do this once.

- Plug receiver into a suitable and convenient electrical socket and switch on. The display screen on the front of the receiver will show a flashing top bar as shown in diagram. This indicates that the receiver is awaiting a unique code. **The flashing top bar will last for 2 minutes during which time you can match the transmitter to the receiver.**
- Hold the transmitter against the receiver right hand side, as shown, so that the dots are touching each other (important!) for about 20 seconds to allow unique code to be transferred. Bars will increase up the display screen. When all 10 bars are shown they will flash to indicate that the unique code is transferred. During matching process you will hear an audible beep to indicate matching is in progress. A change in tone will indicate completion of the matching process.

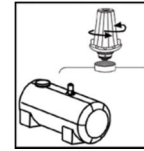


FITTING TRANSMITTER

The procedure is the same for fitting to both old and new tanks. Requires Star/Phillips head screwdriver.

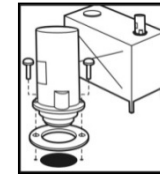
For tanks with pre-drilled 2", 1½", or 1¼" BSP gauge holes (60mm/48mm/42mm)

- Remove cap from hole and insert transmitter. Screw in tightly.
- Ensure transmitter is vertical on top of the tank. With bottom of cone inside tank.



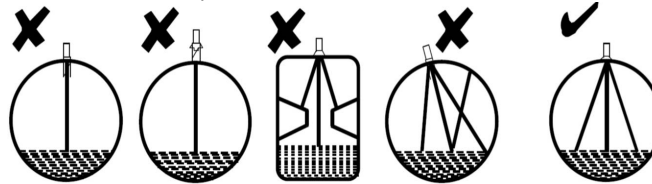
For tanks with 2" (60 mm) BSP gauge socket

- Unscrew cap from hole ensure weather seal in place screw in tightly.
- Tighten on to the tank using the 2 stainless steel self-tapping screws supplied. **Do not over tighten.**



For tanks with no pre-drilled hole.

- Drill 2", 1½", or 1¼" BSP gauge hole and follow instructions for tanks with pre-drilled holes.



- **The Receiver and Transmitter should be located a maximum distance of 200m apart when fitted.**

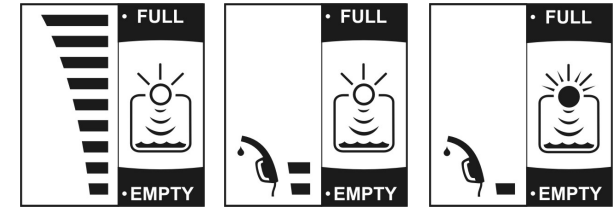
The Tank-Alert is now fully installed and signals should be received every hour. After initial installation it may take one hour for the correct fluid level indication to be displayed on screen.

NOTE: In the event of power failure or if the receiver is switched off or moved to a new socket:

When power returns again or unit is switched on, the receiver display screen will show the top bar flashing. There is no need to repeat the matching instruction. The top bar will continue to flash for 2 minutes, after which time the display screen will be blank, whilst the unique signal is located. This may take up to one hour.

TANK-ALERT ON SCREEN DISPLAYS

NORMAL MESSAGES



Full

Early Warning

Almost Empty

If switch 1 is ON, an audible warning will sound periodically when the screen indicates 'Almost Empty'

OTHER MESSAGES

Blank screen after installation or following a power failure

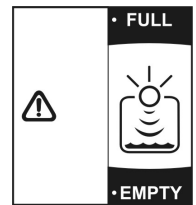
Receiver waiting for signal

- Do Nothing! Signal should be received within one hour.

Flashing triangle, no bars

No radio signal (after waiting for two hours)

- check for correct matching procedure
- location of receiver to transmitter (try repositioning receiver)
- moisture penetration due to seal damage
- Exhausted battery. Change battery.



No Signal

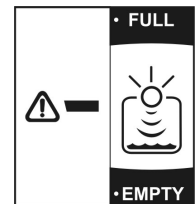
Flashing triangle, middle bar only

No ultrasonic echo (may be caused by condensation on sensing cone)

- do nothing and allow to dry naturally

If message persists

- check that the transmitter sensor cone is clean
- check that the transmitter is vertical
- check that the transmitter seal is undamaged



No Echo

TANK-ALERT RECEIVER MULTI SWITCH SETTING CHART FOR TANK HEIGHT

Height of tank in mm. Measure the vertical height of the tank from the transmitter position on top of the tank to the bottom of the tank. Read to the nearest measurement on the chart. Setting switch #1 enables the 'Low liquid level' audible warning.	
	Set Switches On (up)
500	All Off
550	7
600	6,8
650	6,7,8
700	5,7
750	5,6
800	5,6,7,8
850	4,8
900	4,6
950	4,6,7
1000	4,5,8
1050	4,5,7,8
1100	4,5,6,7
1150	3
1200	3,7,8
1250	3,6,8
1300	3,5
1350	3,5,7
1400	3,5,6,8
1450	3,5,6,7,8
1500	3,4,7
1550	3,4,6
1600	3,4,6,7,8
1650	3,4,5,8
1700	3,4,5,6
1750	3,4,5,6,7
1800	2,8
1850	2,7,8
1900	2,6,7
1950	2,5
2000	2,5,7,8
2050	2,5,6,8
2100	2,4
2150	2,4,7
2200	2,4,6,8
2250	2,4,6,7,8
2300	2,4,5,7
2350	2,4,5,6
2400	2,4,5,6,7,8
2450	2,3,8
2500	2,3,6

Continued next page..

THE RIGHT CHOICE

- The Tank-Alert measures the level of usable liquid in your tank in 10 graduations of the tank height.
- The Tank-Alert will fit easily to most standard storage tanks (plastic or steel) that have a 2", 1½", or 1¼" BSP gauge hole (60mm/48mm/42mm)
- Suitable for use in tanks for the storage of water, diesel fuel, kerosene, gas oil types A2, C1, C2, and D as defined by BS 2869. Check with the manufacturer and/or supplier before using with any other fluids.
- RF wireless range of up to 200m.
- Setting switch #1 enables the 'Low liquid level' audible warning.
- Supplied with long life lithium battery. CR 2430 Li-Mn 3V
- We give a full 1 year warranty subject to normal conditions. The warranty becomes invalid if the unit has been tampered with. This does not include changing the battery.

sales@tytronic.com.au

TANK-ALERT

TANK-ALERT RECEIVER MULTI SWITCH SETTING CHART FOR TANK HEIGHT (continued)

Height of tank in mm. Measure the vertical height of the tank from the transmitter position on top of the tank to the bottom of the tank. Read to the nearest measurement on the chart. Setting switch #1 enables the 'Low liquid level' audible warning.	
	Set Switches On (up)
2550	2,3,6,7
2600	2,3,5,8
2650	2,3,5,7,8
2700	2,3,5,6,7
2750	2,3,4
2800	2,3,4,7,8
2850	2,3,4,6,8
2900	2,3,4,5
3000	2,3,4,5,6,8



TANK-ALERT

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TANK-MONITOR

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