

## External Alarm Unit Instructions



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### Introduction

The Marco Polo External Alarm Unit provides a loud audible warning that a monitored tag has moved beyond its programmed boundary area. The alarm is only sounded when a tag transitions from inside the designated boundary area to outside the boundary and has remained there for 3 consecutive checks, made at 40 second intervals, by the locator. The alarm unit does not amplify the beep tones that are sounded in tracking mode or low tag battery alerts – only boundary alarms.

#### Warning

**The External Alarm Unit is extremely loud. You may wish to allow it to complete its 30-second alarm cycle before approaching the locator. When testing the alarm, place your finger over the speaker in the alarm unit to reduce the sound level and be ready to switch the unit off to silence the alarm.**

### Setup

To activate the External Alarm Unit the Marco Polo locator must be programmed to remote alarm mode (Rmt) for each monitored tag that you wish to activate the alarm. Note that each of the up

to 3 tags that can be monitored by the locator can have an independent alarm mode setting. For example, tag 1 can be programmed to remote (Rmt) mode to activate the external alarm, tag 2 can be programmed to On to activate only the internal alarm and tag 3 can be programmed to Off to disable all audible alarms and only indicate the alarm on the LCD display.

To access the alarm mode settings on the Marco Polo locator, press and hold the “Sel” key for 3 seconds until “Setup” flashes on the display and then press “Sel” again to enter Setup mode. Select the tag 1, 2 or 3 to be setup. Use the arrow keys to change the alarm mode setting as desired and press “Sel” to progress to the boundary setting mode. Select a boundary, Near, Med, Far or Max as desired and then press “Sel” again to save the settings and exit setup mode. You can repeat this process for the other tags if needed.

The External Alarm Unit itself comes setup and ready to use. Simply plug it into the “Alarm” output jack on the locator and turn the power switch on the alarm unit to the On position.

### Operation

When monitor mode is activated on the Marco Polo locator and a monitored tag moves outside the programmed boundary area a sequence of events occurs:

- 1st 40-second check found outside the boundary area: Low received signal level or “No Signal” displayed on the locator’s display.
- 2<sup>nd</sup> 40-second check found outside the boundary area: The internal audible alarm on the locator (if enabled) is sounded.
- 3<sup>rd</sup> 40-second check found outside the boundary area: The External Alarm Unit (if enabled) is sounded for 30 seconds. The alarm unit automatically rearms after sounding for 30 seconds. You can stop the alarm at any time by switching the alarm unit off.

Note that it will take between 40 and 80 seconds for the internal alarm to activate and between 80 and 120 seconds for the External Alarm Unit to activate *after* the tag has crossed the boundary line. If you are close enough to the locator to hear the internal alarm then you can disable the external alarm by putting the locator into track or idle mode or by turning the External Alarm Unit off.

### Batteries

The External Alarm Unit uses 3 AG13 (LR44) button cell batteries. Replace the batteries when the alarm sound becomes weak or if the red light on the alarm unit fails to flash when the unit is turned On. In continuous use the batteries should last for about 1 year depending on the number of alarm activations that have occurred.