

Battery Overview

Introduction

With any system that requires high availability, the best option from the manufacturer is often required. Winland recognizes that not all batteries operate the same in different use cases. In this aspect, Winland wants to provide a clear definition for best options when it comes to batteries in the following systems:

EnviroAlert Professional® – Gateway

EAPro-WTS
EAPro-WHS
EAPro-WMFT

EnviroAlert EA800-IP

EA-WTS
EA-WHS
EA-WMFS

Winland recommends using name brand batteries such as:

Duracell
Energizer
Panasonic
AC Delco

Winland does NOT recommend mixing older and new batteries, nor different types of batteries.

Winland's Wireless transmitters require short bursts of high current to achieve the performance and range, this type of usage is best suited for the following types of battery chemistry:

Alkaline
Lithium

Each Wireless Transmitter has optional hardwire power input. If both batteries and hardwire inputs are used, the batteries will be used as backup power. There is still a minor drain on the batteries on the EnviroAlert Series which often requires battery replacement for AA Alkaline around the 3 years mark.

Standard life expectancy of AA batteries:

Alkaline: 1 year *

Lithium: 1.5 years *

*It is important to know that life expectancy is affected by signal strength and interference.