



# echoflex

## ERDMX

### Wireless DMX-512 Interface

#### Description

Echoflex Solutions introduces a new way to control DMX-512 compatible dimmers and other DMX compatible devices. The ERDMX-512, developed in conjunction with Luella Enterprises, allows the EnOcean family of wireless, self powered switches and sensors to control industry standard DMX-512 devices. A wireless, powerless way to add new DMX controls to theatrical and architectural lighting control systems. Additional controls can be added quickly and efficiently without the need for expensive DMX cables. In the event there is an existing DMX network, inexpensive DMX mergers are available to simplify the addition of the ERDMX system.

The ERDMX-512 interface is powered by 120V, 277V, 347V or low voltage (9-24VDC) and will accept inputs from up to 30 switches to switch on or off, dim up or down or to select pre-programmed lighting scenes. The ERDMX now has a DMX "snapshot" mode, where current DMX scenes can be recorded using any industry standard DMX controller. These scenes can then be recalled and modified by PTM up/down master switches. With only one high voltage wiring point the control solution can be installed literally in minutes and subsequent control are added as quickly.

ERDMX



Wireless

Battery Free



PTM265D

[www.echoflexsolutions.com](http://www.echoflexsolutions.com)

To discuss echoflex products in your area, please see -  
<http://www.echoflexsolutions.com/representation-agent>

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## ERDMX Wireless DMX-512 Interface

### Features and Technical Overview

Power supply: ..... 120VAC/277VAC or 347VAC or 24VDC @ 200mA (see ordering info below)  
 Function outputs: ..... USITT DMX-512 1990 and DMX-512-A compatible  
 Frequency: ..... 315 MHz or 868MHz (see ordering information below)  
 Antenna:..... Integrated whip antenna: 315 MHz-15cm; 868 MHz - 9cm  
 Control Inputs: ..... Sensor plus Learn and Clear Buttons for switch assignment  
 Control Outputs: ..... Status Indicator and Learn Mode LEDs  
 Dimensions: ..... 88mm L x 48mm W x 48mm D  
 Mounting: ..... mounts in a standard 1/2" knockout  
 Operating Temperature: ..... -10° to +45°C  
 Storage Temperature: ..... -20° to +80°C

#### Model

#### Description

ERDMX-120/347	120/347VAC controller - 868 MHz	(Commercial-Industrial, Canada)
ERDMX-C-120/347	120/347VAC controller - 315 MHz	(Commercial-Industrial, Canada)
ERDMX-120/277	120/277VAC controller - 868 MHz	(Commercial-Industrial, USA)
ERDMX-C- 120/277	120/277VAC controller - 315 MHz	(Commercial-Industrial, USA)
ERDMX-LV	9-24VDC controller - 868 MHz	
ERDMX-C-LV	9-24VDC controller - 315 MHz	

#### Associated Products

Echoflex PTM265D	Dual Rocker Decorator Wall Switch (pictured above)
Echoflex PTM265HH	4 Channel Hand Held Switch
Echoflex PTM265	Decorator Style Wall Switch

### Distribution by:

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