

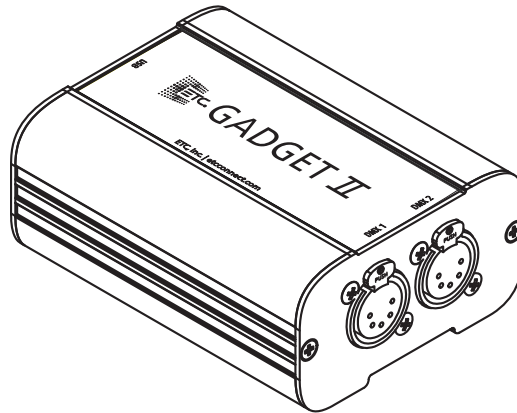
# ETC Setup Guide

## Gadget II USB to DMX/RDM Interface

---

### Overview

Gadget II provides a connection from a PC (Windows/Mac) to your lighting system's DMX/RDM devices. When connected to a computer running ETC software, Gadget II allows for DMX control level output, configuration, and monitoring for RDM devices including fixtures, dimmers, and more. You can also upgrade software for most DMX-based ETC products using ETC UpdaterAto software.



### Supported USB Operating Systems

Depending on the version of Concert or ETCnomad software you have, Gadget II is supported on Windows and Mac operating systems.

### Supported DMX Output

When used as a DMX output device in conjunction with ETCnomad software, Gadget II supports software configurable DMX/RDM speeds: max, fast (default), medium, and slow.

### Connections

---

**Note:** *Before plugging in Gadget II, install a software package, such as ETCnomad or Concert, that supports Gadget II to ensure the drivers are loaded on the PC.*

---

### To Connect Gadget II to a PC (Windows/Mac) and the DMX/RDM network

1. Ensure that the Gadget II device driver is installed on your computer. The driver installs automatically with the following software:
  - ETC Concert v2.0.0 or greater
  - UpdaterAto v5.0.0 or greater
  - ETCnomad v2.4.0 or greater
  - Hog 4 Consoles software
2. Connect the USB-A cable end to your computer.
3. Connect the USB-B cable end to Gadget II.
4. Connect standard DMX cables from the Gadget II DMX outputs to your DMX/RDM fixtures or devices.



**Corporate Headquarters** ■ Middleton, WI, USA | +1 608 831 4116  
**Global Offices** ■ London, UK | Rome, IT | Holzkirchen, DE | Paris, FR | Hong Kong | Dubai, UAE | Singapore  
New York, NY | Orlando, FL | Los Angeles, CA | Austin, TX  
**Web** [etccconnect.com](http://etccconnect.com) | **Support** [support.etccconnect.com](http://support.etccconnect.com) | **Contact** [etccconnect.com/contactETC](http://etccconnect.com/contactETC)  
© 2022 Electronic Theatre Controls, Inc. | Trademark and patent info: [etccconnect.com/ip](http://etccconnect.com/ip)  
Product information and specifications subject to change. ETC intends this document to be provided in its entirety.  
**4267M2220** Rev C Released 2022-12

# ETC Setup Guide

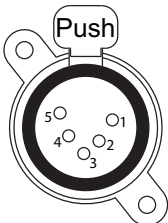
## Gadget II

A bi-color indicator LED is located next to the USB connection. The LED indicates the connection status between Gadget II and your computer.

The LED illuminates in the following conditions:

- Solid red during USB enumeration
- Solid green once enumerated
- Blinking green on receipt of a command from the USB host
- Slow blinking red while waiting for firmware
- Rapid blinking red during firmware receipt/upgrade
- Solid green once firmware upgrade is complete

The following table shows the pinout for the DMX connections.

| DMX512 Pinout for Five-pin XLR Female                                             |   |                 |
|-----------------------------------------------------------------------------------|---|-----------------|
|  | 1 | Common (Shield) |
|                                                                                   | 2 | Data –          |
|                                                                                   | 3 | Data +          |
|                                                                                   | 4 | not connected   |
|                                                                                   | 5 | not connected   |

## Architecture

