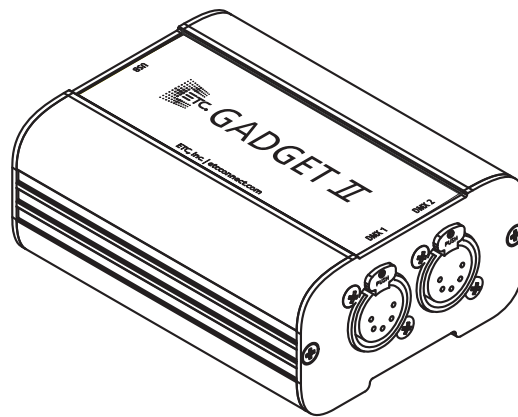


# ETC Setup Guide

## 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 UpdaterAtoR software.



### Supported USB Operating Systems

Depending on the version of Concert or ETCnomad software you use, 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 (default), fast, 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

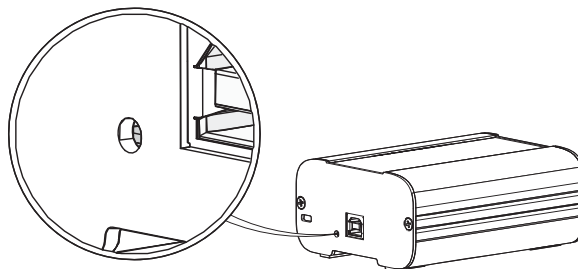
1. Ensure that the Gadget II device driver is installed on your computer. The driver installs automatically with the following software:

Gadget II	Gadget II CPU2
ETC Concert v2.0.0 or greater	ETC Concert v4.3.0 or greater
UpdaterAtoR v5.0.0 or greater	UpdaterAtoR v6.1.0 or greater
ETCnomad v2.4.0 or greater	ETCnomad Eos v3.1.4 or greater
Hog 4 Consoles software	Hog 4 PC v3.19.1 or greater

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.

### Status and Pinout

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 following table provides the states of the LED depending on the connection status of the device.



Gadget II CPU2 is shown. The LED for Gadget II (non-CPU2) is on the other side of the USB connection.

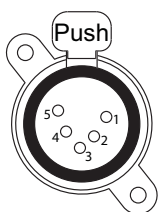


# ETC Setup Guide

## Gadget II

Connection Status	Gadget II LED	Gadget II CPU2 LED
During USB enumeration	Solid red	Solid red
When USB enumeration is complete	Solid green	Solid green
Upon transmit/receipt of command to/from the USB host	Blinking green	Blinking green
When waiting for firmware	Slow blinking red	N/A
When firmware is received/during upgrade	Rapid blinking red	Orange (solid red/blinking green)
When firmware upgrade is complete	Solid green	N/A

The following table shows the pinout for the DMX connections.

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

## Architecture

