



Quick Start Guide - REVI Power Supplies & REVI-Key

[PNs: REVI-Drive-4-100W, REVI-Drive-12-250W, REVI-DriveXL-4-384W, REVI-Key] Updated: Jan 2025

Power Supply Interface:



- 1.) Power Toggle Switch
- 2.) Data Service Port (RJ45) For REVI-Key or RDM Device Manager
- 3.) Rear DMX Disconnect switch Switch position UP for normal operation. Switch position DOWN to internally disconnect the rear DMX ports.
- 4.) Power Supply Part Number



- 1.) Power Output: (C1+) Channel-1 Positive, (C2-) Channel-2 Negative, etc.
- 2.) DMX/RDM Signal (Hardwire) For Data signal, REVI-Key or RDM Device Manager
- 3.) DMX/RDM Signal (RJ45) For Data signal
- 4.) AC Input (100~240 VAC)
- 5.) DMX Driver UID Unique ID for each internal DMX Driver
- 6.) Production barcode with driver firmware and current for each channel

REVI-Key Interface:



MCS+	\rightarrow Not used	
MCS-	ightarrow Not used	
DMX-	\rightarrow DMX-	(ORANGE when using RJ45 wires)
DMX+	\rightarrow DMX+	(WHITE&ORANGE when using RJ45 wires)
DALI+	\rightarrow Not used	
DALI-	\rightarrow Not used	
15V_P	\rightarrow Not used	
15V_G	\rightarrow Not used	

REVI-Key Software

The software package comes with two file folders. One for the USB driver that will allow the computer to communicate to the REVI-Key, and the second for the software and most up-to-date firmware.

The first time using the software will take 4 steps. All subsequent times, the software can be directly opened from the folder.

- 1.) Download the software (The software can be found in the Documents section of each of the REVI Power supplies)
- 2.) Extract the software to a location on the computer where the software will live
- 3.) Install the USB Driver
- 4.) Open the software!

NOTE: Minimum System Requirements - Windows7/Windows10, Framework 4.0

First – Download the software:

The software can be found in the Documents tab of any of our REVI-Drive Power Supplies. Save this file to your Downloads folder.

Second - Extract the software:

1.) Select the folder: 📲 REVI Config Software Package

2.) Right-mouse-click and select, "Extract All..."



- 3.) Select Browse and Choose the Desktop or common location where the software will be located.
- 4.) Click, Extract.

Third – Install the USB Driver

- 1. Open the folder REVI Config Software Package
- 2. Open the folder REVI Config Software Driver
- 3. Double-click CDM v2.1200 WHQL Certified.exe ^{CDM v2.12.00 WHQL Certified}
- 4. Select, Extract

Fourth – Open the software!

- 1. Open the folder REVI Config Software Package
- 2. Open the folder REVI Config Software
- 3. Double-click REVI-Key Tool EREVI-KeyTool

Configuring the REVI Power Supplies



1.) Scan for configurable devices - Click Scan then select Search

2.) Once the scan is complete all connected devices will appear in the Device Group Window – Close this window.
 NOTE: The UIDs listed are associated with the UID labels on the outputs of the power supplies.

🛃 REVI-Key Hetw	ork ¥2.19.7.7						_ 🗆 🗙
1 2 ()			4
3	BDI Device Search	ing		-			
Setting	Device Group						
Devices	VID	Personality	Dax Address	Version	Device Label	Identify	1
- Broadcast	09D100000205	DMX Dual Dri	1	V 000004.12		Identify ON	
	09D10000021F	DMX Dual Dri	1	V 000004.12		Identify ON	
	Finish Searching Devi	ce Find 2 device:	2		🗌 Auto Address		
						Search	
-	11 A.					li	0
COM185:Active	REVI-Ke	y: 2.05					.::

3.) To view and configure the power outputs, select the UID associated to the output ports that need to be configured. – Click Read (this reads all the current configurations saved to the power outputs)

Broadcast Dex: 09D10000021F Dex: 09D100000205	Firmware Version: Fice Description: Foot Frint: Device Model Id: VID:	V 000004.12 [ED DRIVER SOW 2 0101 09 D1 00 00 02 1F	Personality: Dex Start Address: Device Label: Curve: Hin Level(%):	DMX Dual Driver I Gumna 0.1	•
	Hanufacturer: Chi Current(ma): Chi Current(ma): Fade Time:	S00 S00 S00 S00 S00	Bit Control: Power On Level (%): Failure Level (%): Dalay Time (ms):	0 Bit 100.0 100.0 1000	×

4.) Configure the power outputs. Below is a key with descriptions of each available option. NOTE: Not all options will be available for all power supplies.

Variable	Description	Configurable?	
Firmware Version	Power Supply Firmware Version	No	
Device Description	Description of the power supply unit	No	
Footprint	How many DMX channels are associated with the selected power outputs for the UID	No	
Model ID	ID of power supply hardware	No	
UID	Unique ID associated to each bank of power outputs (see #5 on Power Supply)	No	
Manufacturer	Environmental Lights	No	
CH Current (mA)	Output Current for each channel (NOTE: DO NOT power fixtures outside of their specified	Ves	
	drive currents)	165	
Fade Time	Fade time between two dimming level inputs. (Default: 300 ms)	Yes	
Personality	Personality is function of dimming mode	Yes	
DMX Start Address	the address in the range 1 to 512	Yes	
Device Label	Custom name of power supply or fixtures being controlled. i.e. kitchen pendants.	Yes	
Curve	Dimming Curve (Default: gamma)	Yes	
Min Level (%)	Lowest dimming level (Default: 0.1%)	Yes	
Bit Control	dimming resolution (Default: 8-bit)	Yes	
Power On Level	Prightness Lovel when AC ON without a DMY signal (Default 100%)	Vac	
(%)	Dugutiess Level when AC ON Without a DIMA Signal (Default, 100%)	Tes	
Failure Level (%)	Brightness Level when DMX Signal is lost (Default: 100%)	Yes	
Delay Time (ms)	Time delay before DMX Signal lost takes effect (Recommended Range: 1300-9900mS)	Yes	

5.) Save changes made – Click Save

ces Broadcast Day 09010000021E	RDM formation Sensor	V 000004 12	Personality	DEV Dual Driver	-
Dex 09D100000205	A president	LED DRIVER SOW	- Dex Start Address:	1	
	int:	2	Device Label:		_
	I Nodel Id:	0101	Curve:	guns	•
	OID:	09 D1 00 00 02 1F	Min Level (%):	0.1	-
	Manufacturer:	Environmental Lights	Bit Control:	8 Bit	•
	Fade Time:	300ns	Delay Time (ns):	1000	
	Ch2 Current (ma):	500	Failure Level (%) :	100.0	•