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Quick Start Guide - REVI Power Supplies & REVI-Key

Part Numbers: REVI-Drive-4-100W, REVI-Drive-12-250W, REVI-DriveXL-4-384W, REVI-Key

Power Supply Interface:

1.) Power Toggle Switch
2.) Data Service Port (RJ45) – For REVI-Key or RDM Device Manager
3.) 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+ → Not used
MCS- → Not used
DMX- → **DMX+** (**ORANGE** when using RJ45 wires)
DMX+ → **DMX-** (WHITE&**ORANGE** when using RJ45 wires)
DALI+ → Not used
DALI- → Not used
15V_P → Not used
15V_G → Not used

NOTE: If hard-wiring the REVI-Key to the power supply PAY ATTENTION to the reversed polarity
Connect **DMX+** of REVI-Key to **DMX-** on the hard wire DMX/RDM Signal port
Connect **DMX-** of REVI-Key to **DMX+** on the hard wire DMX/RDM Signal port

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!

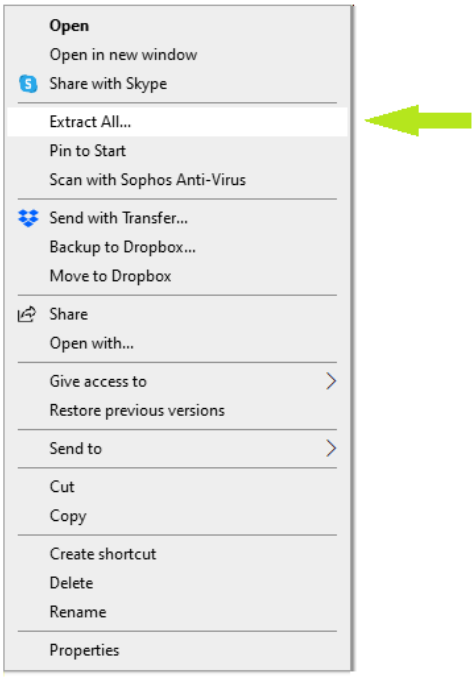
NOTE: Minimum System Requirements – Windows7/Windows10, Framework 4.0

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

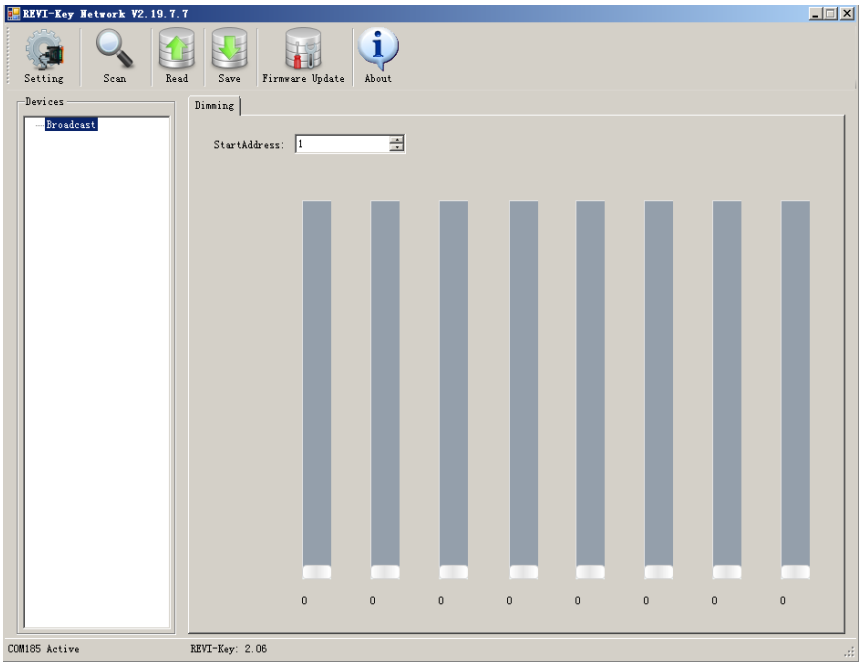
1. Open the folder – REVI Config Software Package
2. Open the folder – REVI Config Software **Driver**
3. Double-click CDM v2.1200 WHQL Certified.exe CDM v2.12.00 WHQL Certified
4. Select, **Extract**

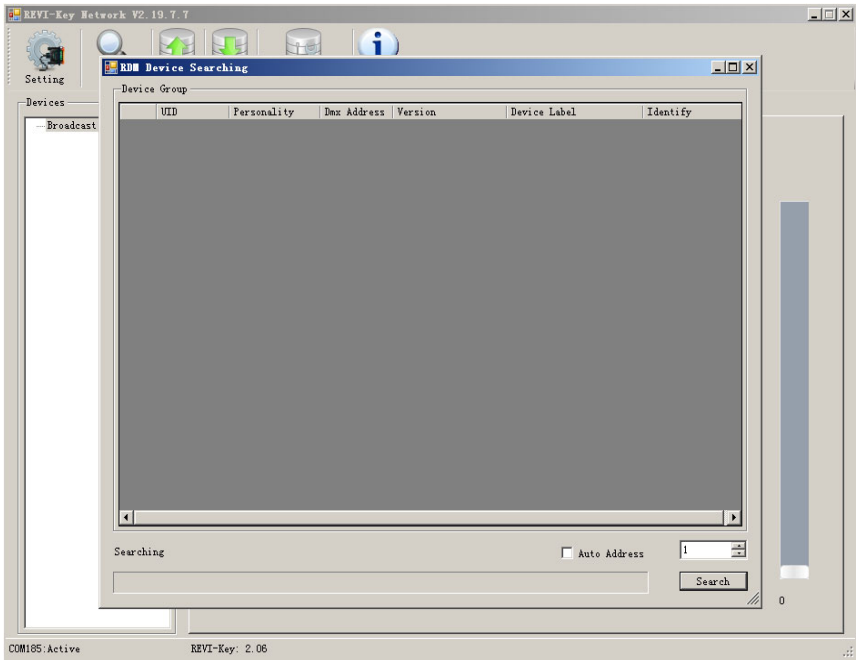
Fourth – Open the software!

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

Configuring the REVI Power Supplies

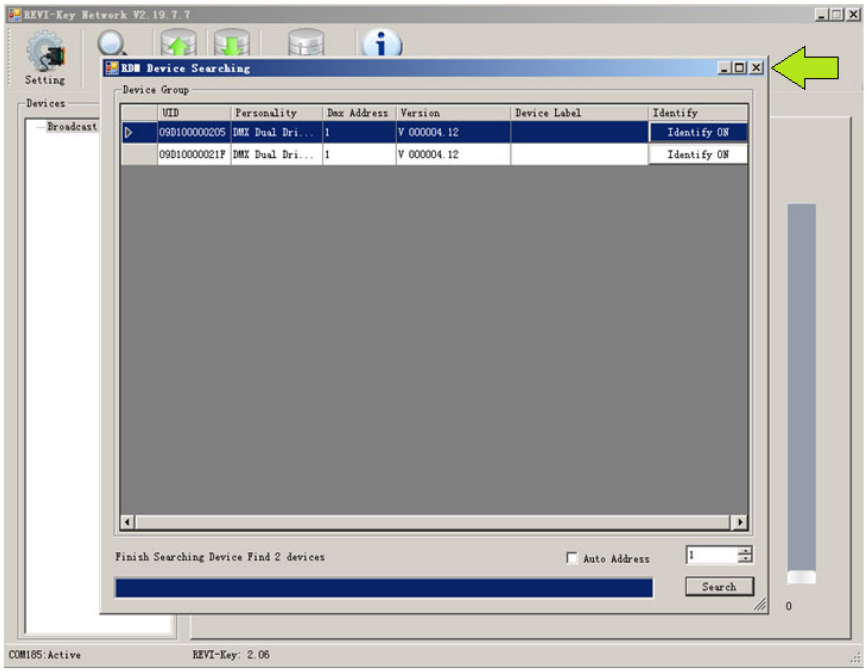
1.) Scan for configurable devices – Click **Scan** then select **Search**



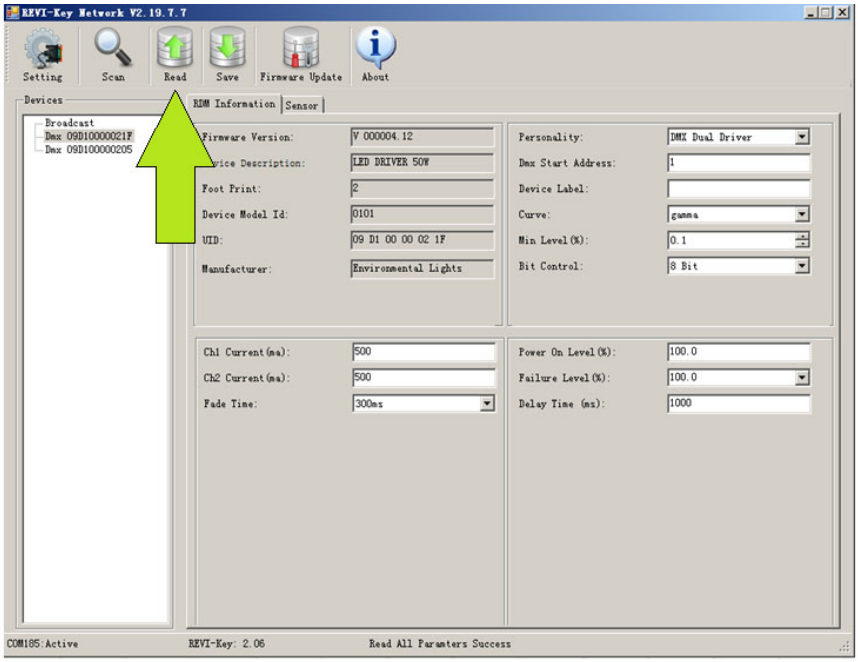


2.) Once the scan is complete all connected devices will appear in the Device Group Window – Close this window.

NOTE: The UIDs listed are associated with the UID labels on the outputs of the power supplies.



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)



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 drive currents)	Yes
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 (%)	Brightness Level when AC ON without a DMX signal (Default: 100%)	Yes
Failure Level (%)	Brightness Level when DMX Signal is lost (Default: 100%)	Yes
Delay Time (ms)	Time delay before DMX Signal lost takes effect (Default: 1000 ms)	Yes

5.) Save changes made – Click Save