Colordreamer

DMX/RDM Addressing Tool

CD-MT512

Client	
Project	
Order Code	
QTY	

Thank you for purchasing the Colordreamer DMX/RDM Addressing Tool!

Our manual will describe the installation and mounting of the product as well as

description of how to use it.

Please read and understand this manual in its entirety before using the product.

Package Contents:

1XDMX Addressing Tool

1XThis Technical Manual

Product Warranty is void if product is not installed as per installation instructions and in compliance with all local and provincial codes.

SAFETY RECOMMENDATIONS AND WARNINGS

Only use this device in dry environments (indoor use)

Do not make modifications or alter the product

Keep away from flammable material.

Do not use chemicals or abrasives to clean the device as this many voids the warranty.

Ensure installation complies with local electrical rules and regulations.

Ensure mains input power is surge protected

Do not connect or disconnect the device while the power is connected.

Connectors are to be kept clean and dry at all times.

Input Voltage range 5-48VDC

Power off the device during service or when not in use.

Twisted pair cable is recommended for data transmission

Avoid unwanted voltage on the DMX cables at all times.

Do not remove any parts from the unit including the plug ground pin or connect to an ungrounded circuit.

Do no connect the unit to LEDs that are switched on.

To supply this unit with power, first connect the provided power cord to the unit and then to a suitable power outlet.
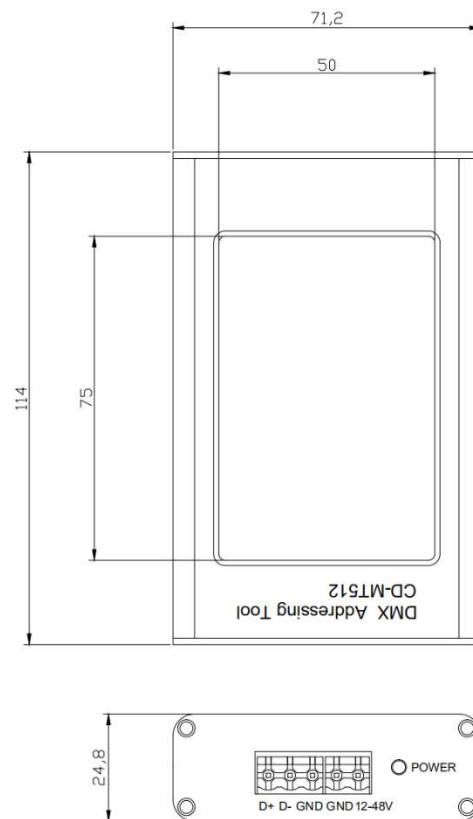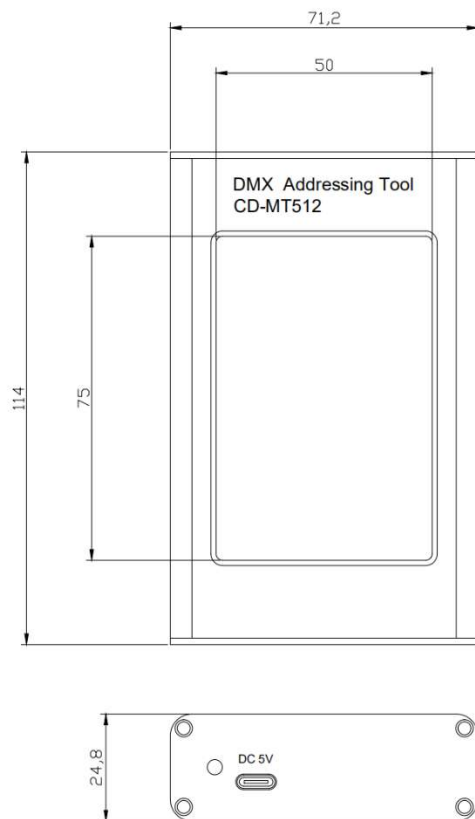
Product Overview

The CD-MT512 is a powerful DMX Addressing and test tool.it allows for DMX Addressing and Color testing of Lighting products. This Tool is a must for anyone involved with DMX512 installation.
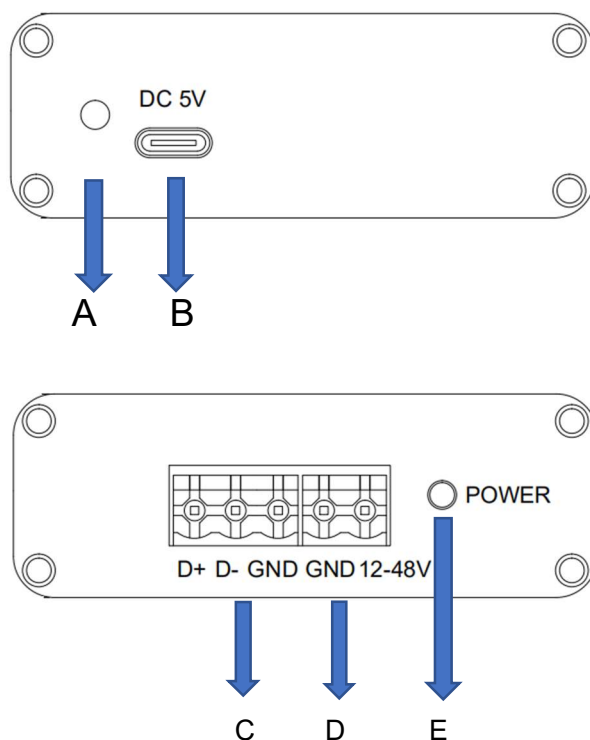
Product Specification

Models	CD-MT512
Electrical	
Input Voltage	12-48VDC
USB Port	USB Type C, cable not included
Power Consumption	2W
Display	3.5-inch (diagonal) all-screen LCD Multi-Touch display
Control	
DMX Outputs	512 DMX Channels
Physical	
Housing Material	Aluminium
Finish Color	Black
Connector	Removable multi-pin terminal blocks
Dimensions(LXWxH) Body	114X71.2X24.8mm
Weight	200g
Environment	
Operating Temperature	-10℃ to +50℃
Storage Temperature	-20℃ to +70℃
Humidity	0-80% non-condensing
IP Rating	Dry, Indoor IP20
Certification	CE

Dimension

DMX Addressing Tool
CD-MT512

71,2
50
114
75
24,8
DC 5V

DMX Addressing Tool
CD-MT512

71,2
50
114
75
24,8
POWER
D+ D- GND GND 12-48V

Connectivity

A：Status LED for Power　　　　B: USB Type C　　　　C: DMX Output: D+ D- GND

D: Power: GND 12-48VDC　　　　E: Status LED for Power

Power on the device via USB Type C or 2PIN terminal blocks
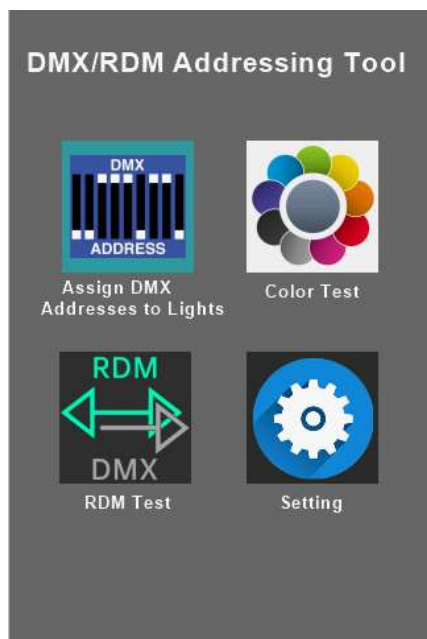
Description of Status LED:

E: Status LED for Power

Status	Description
Powered Off	Power cable not connected. The device has no power
Permanently Red:	Connected to Power. Power is on.

User Guide

Home Screen

CD-MT512 has 4 modes to assist with all DMX setup. On the Home Screen, touch an app icon briefly to open a quick actions menu.

Assign DMX Addresses to Lights
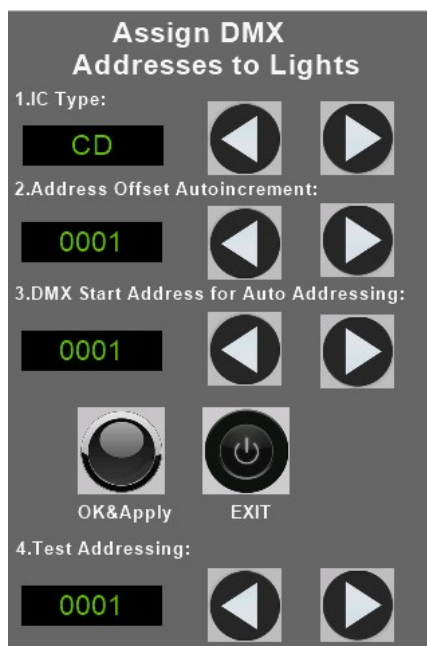
1．IC Type can be CD/SM1651X/SM17512/UCS-C

CD works only with Colordreamer DMX Lights，SM1651X type only works with LED light fitting with SM1651X Chip;SM17512 type works with LED fitting with SM17512 Chip; UCS-C type only works with LED light fitting with UCS-C Chip.

2.Address offset autoincrement：

0001 for one channel fixtures

0002 for 2channels fixtures

0003 for RGB fixtures

0004 for RGBW fixtures

3.DMX Start address for auto addressing.

Example:

For DMX flexible strip.10Pixels per meter, RGB Color, if you set start address0001, then address will be 0001 0002 0003,0004 0005,0006……automatically

Remember to press "OK&Apply" to confirm your setting.

4.Test addressing:

After applied your address setting, you can test if you address your fixtures successfully.

Example:

For DMX flexible strip.10Pixels per meter, RGB Color, if you set start address 01. then you can test addressing as below:
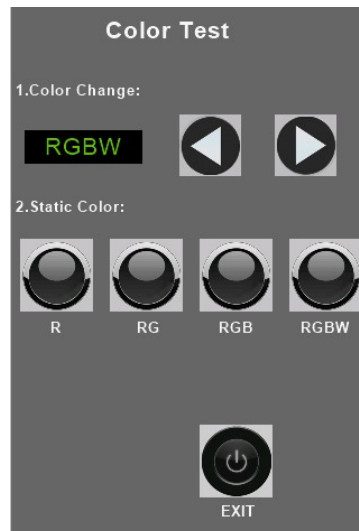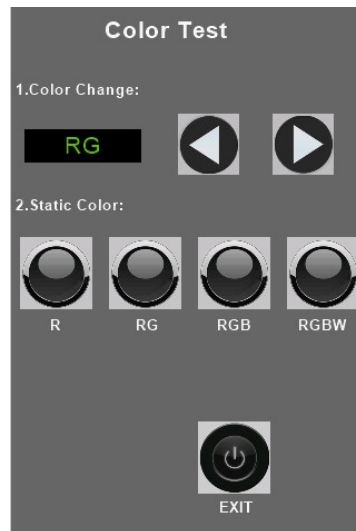
Address	Description
0001	1st Pixel Red on
0002	1st Pixel Green on
0003	1st Pixel Blue on
0004	2nd Pixel Red on
0005	2nd Pixel Green on
0006	2nd Pixel Blue on
0010	……

Color Test

User can test led fitting color when software is not ready.

1: Color change

Color Change automatically changes colors for R/RG/RGB/RGBW Fitting

2: Static Color

Static Color displays a simple, plain color.

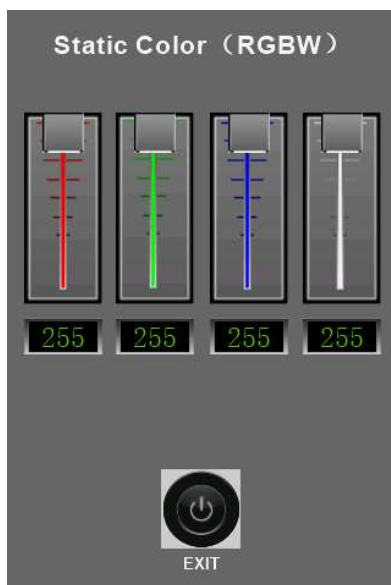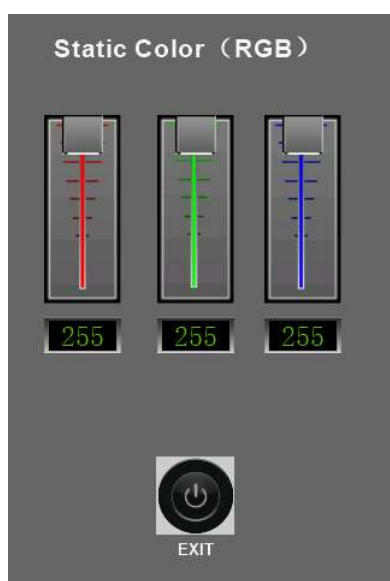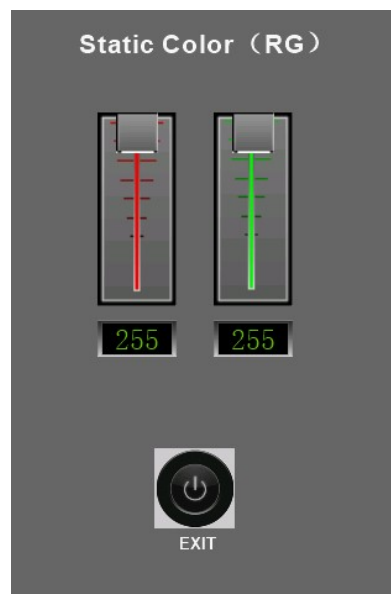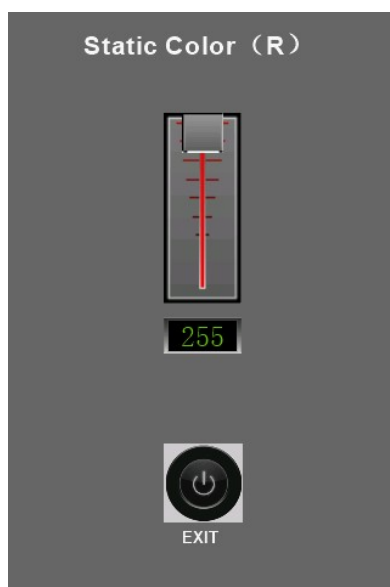Opens the Fader Box by press R/RG/RGB/RGBW icon

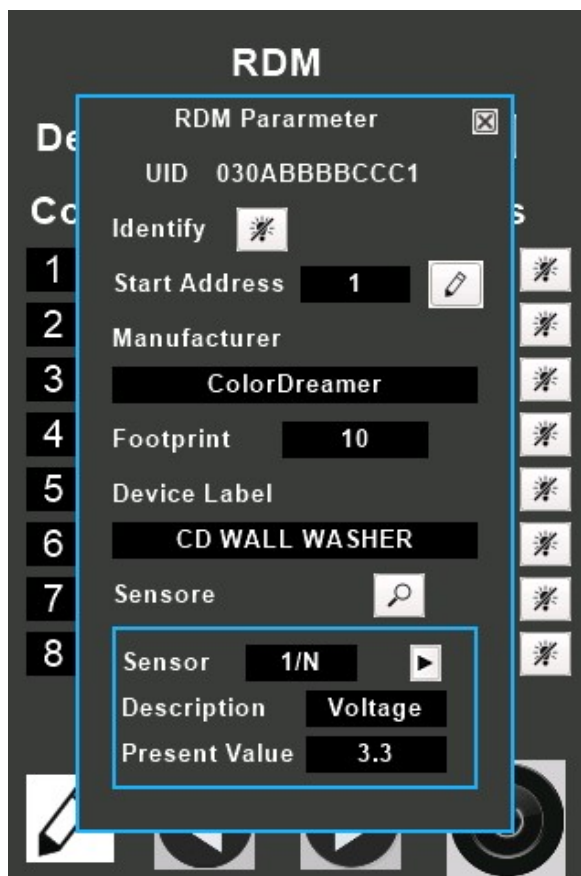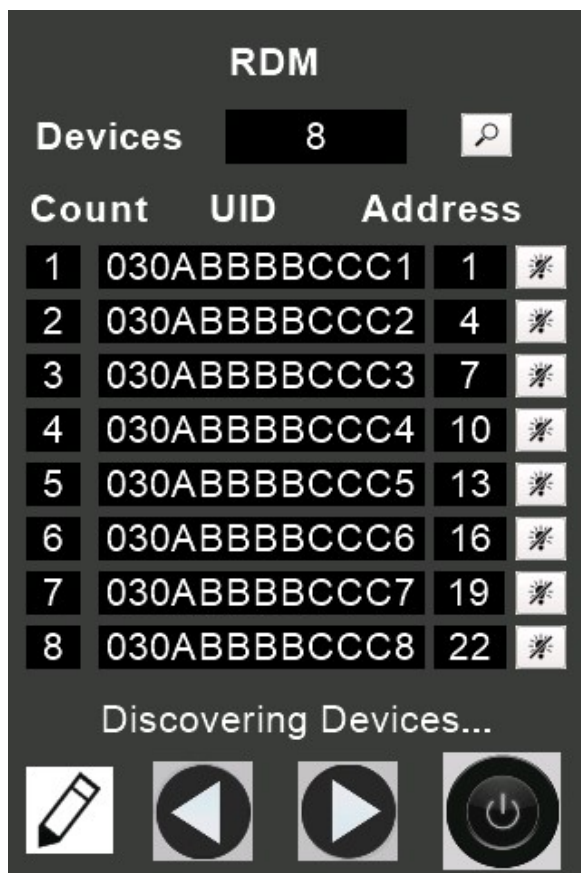Use the fader for each color channel separately to adjust the color.

The color mixing and the final color will be shown.

Every color channel can have a value between 0 and 255.

0 is the lowest value.

255 is the highest value.

RDM Test

Back Light

Use the fader to adjust the brightness of screen