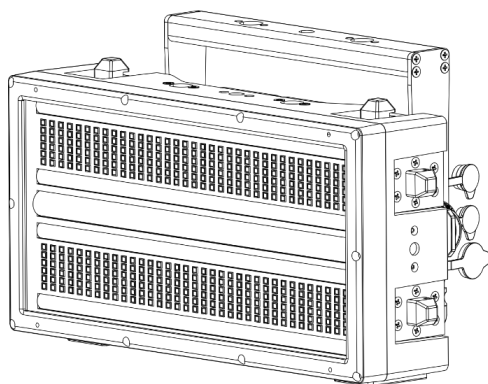




FOS Epic Strobe



This product manual contains important information about the safe installation and use of this projector. Please read and follow these instructions carefully and keep this manual in a safe place for future reference.

User manual

Please read the instructions carefully before use

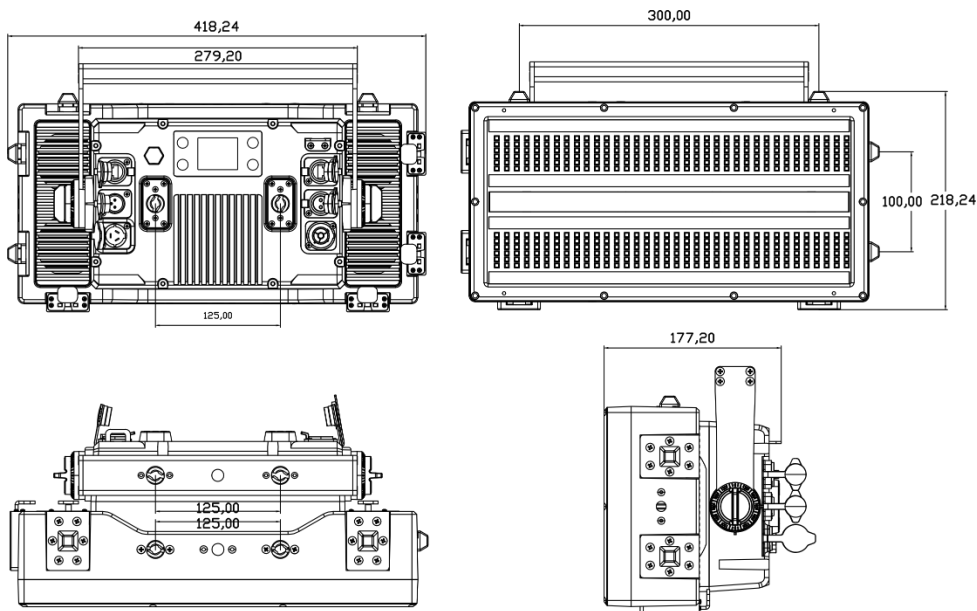
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STATEMENT

The product has well capability and intact packing when leave factory. All of the user should comply with warning item and manual, any misuse cause of the damages are not included in our guarantee, and also can not be responsible for any malfunction & problem owing to ignore the manual.

1. Dimension



2. Safety Information



WARNING! Read the safety precautions in this section before unpacking, installing, powering or operating this product.

This luminaires are multi-environmental fixtures with an IP-rating of 65, intended for professional use only. They are not suitable for household use.

Review the following safety precautions carefully before installing or operating the fixture. This fixture must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the fixture and the hazards involved.

Preventing electric shock



WARNING! Risk of electric shock.

- Always power off/unplug the fixture before removing any covers.
- Ensure that the power is turned off when connecting the fixture to the AC mains supply.
- Ensure that the fixture is electrically connected to earth (ground).
- Do not apply power if the fixture is in any way damaged.
- Do not immerse the fixture in water or liquid.

Preventing burns and fire



WARNING! Take measures to prevent burns and fire.

- Install in a location that prevents accidental contact with the fixture.
- Install only in a well-ventilated space.
- Install at least 0.3 m (12 in.) away from objects to be illuminated.
- Install only in accordance with applicable building codes.
- Ensure a minimum clearance of 0.1 m (4 in.) around the cooling fans.
- Do not paint, cover or modify the fixture.
- Keep all flammable materials away from the fixture.
- Allow the fixture to cool for 15 minutes after operation, before touching it.
- CAUTION: Exterior surface temperature after 5 min. operation = 45 °C (113 °F). Steady state = 60 °C (140 °F).

Avoid personal injury



WARNING! Take measure to prevent personal injury.

- Do not look directly at the light source from close range.
- Take precautions to prevent injury due to falls when working at height.
- For permanent installation, ensure that the fixture is securely fastened to a load-bearing surface with suitable corrosion-resistant hardware.
- For temporary installation with clamps, ensure that the quarter-turn fasteners are turned fully and secured with a suitable safety cable. The cable must be approved for a safe working load (SWL) of 10 times the weight of the fixture, and it must have a minimum gauge of 3 mm.

3. Preparing for installation

Unpack the fixture and inspect it to ensure that it has not been damaged during transport.

The fixture is shipped with two quarter-turn brackets, that can be used to mount the fixture at elevation.

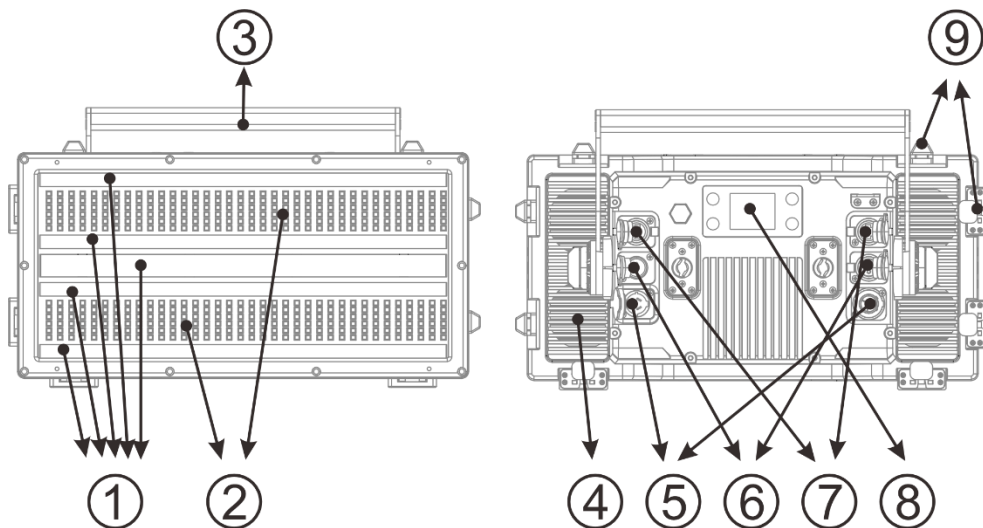
The fixture is IP65-rated, and is designed for use in wet locations. This means that it is protected from:

- Dust, to the degree that dust cannot enter the fixture in sufficient quantities as to interfere with its operation.
- Lower pressure jets of water from any direction.

When selecting a location for the fixture, ensure that:

- It is situated away from public thoroughfares and protected from contact with people.
- It is not immersed in water or exposed to high-pressure water jets.
- It has adequate ventilation.

4. Parts identification and terminology



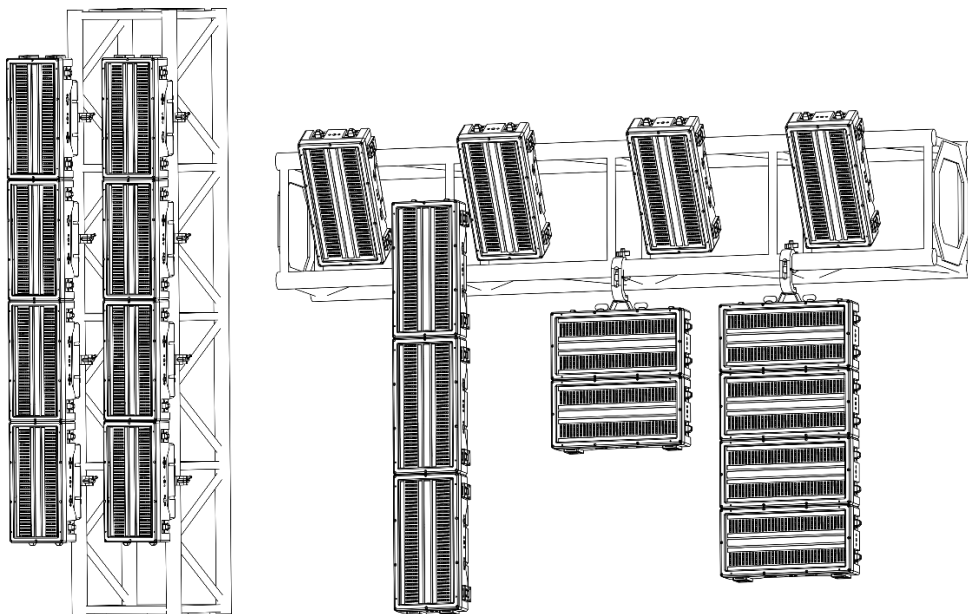
- ① LED white strobe tubes
- ② LED RGBW 4in1 panels
- ③ Adjustable Handle
- ④ Waterproof fans
- ⑤ SEETRONIC True1 Power In&Out
- ⑥ SEETRONIC DMX In&Out
- ⑦ SEETRONIC ArtNet RJ45 In&Out
- ⑧ LCD Touch Screen
- ⑨ Combine Construct

5. Installation

The fixture may be installed in any orientation, but if installed horizontally with a downward beam-angle, water can potentially pool in the fan wells. Under normal operation the moisture will evaporate. However, in locations with high rainfall, you may wish to fabricate a rain shield above the fixture, or modify the position and orientation of the fixture to minimize pooling.

Two quarter-turn brackets are supplied with the fixture if it is to be flown above the ground. Rig the fixture to a support truss or structure using the supplied brackets and suitable clamps.

Fasten a safety cable (not shown) between the support structure and the attachment point on the fixture. The safety cable must be able to bear at least 10 times the weight of the fixture.



Please note that this is only part of the combination and hanging method, when using one hook as a hanging point, a maximum of 4 lights can be connected.

6. Connecting AC Power

The fixture can operate on any 100–240 V, 50/60 Hz AC mains power supply. It draws approximately 2 amps at full power. For permanent installation, have a qualified electrician wire the mains cable directly to a suitable branch circuit.

The junction's ingress protection (IP) rating must be suitable for the location. For temporary installation, the mains cable may be fitted with a grounded connector intended for exterior use.

When installing standard type C circuit breakers there will be no limitations due to the fixture in-rush current. Due to the nominal current of the fixture, ensure that no more than:

4 fixtures are connected through the same type C, 10A circuit breaker.

7 fixtures are connected through the same type C, 16A circuit breaker.

The fixture must be grounded/earthed and be able to be isolated from AC power. The AC power supply must incorporate a fuse or circuit breaker for fault protection.

After connecting the fixture to power, run the on-board test, using the "Fixture Text" menu, to ensure that the fixture and each LED are functioning correctly. See "Control menu" on page 63.

CAUTION: Do not open the fixture to replace the supplied power cable, or connect the fixture to an electrical dimmer system, as this can damage it.

7. Configuring the fixture

Set up the fixture using the control panel and LCD display at the arm side of the fixture.

Navigate the menus and options using the arrow buttons and select items using the Enter button. The options available are listed in "Control menu" on page 63. After powering on, the display shows the currently selected operating mode and other information.

The fixture is set by default to be controlled in DMX mode.

Master/Slave configuration

You can set a fixture to operate as master fixture to another fixture (which then becomes a slave fixture), or an entire group of fixtures (which then becomes slave fixtures). The assigned slave fixture(s) will mimic the settings of the master fixture. Use the "Auto Program -> Auto Color / Auto Fade" menu to set your fixture as master fixture, then other fixtures set to DMX mode as slave fixture.

Setting a static color manually

The fixture can be configured to display a predefined and static color using the "Manual Color" (see "Control menu" on page 63).

It may suit your needs when you without a DMX controller to do the color mixing.

Using stand-alone operation

Stand-alone operation is where the fixture is not connected to a control device, but is preprogrammed with 2 modes (Auto Color, Auto Fade), that play continuously in a loop, the run speed of "Auto Color", "Auto Fade" are adjustable.

To define a stand-alone program, use the "Auto Program" menus (see "Control menu" on page 63).

8. Connecting to a DMX control device

The fixture is controllable using a DMX control device and it can be connected using a DMX cable.

If using a cabled DMX system, connect the DMX in cable (with male 3-pin XLR plug) and out cable (with female 3-pin XLR plug) to the DMX data link. Terminate the DMX out cable of the last fixture in the data link. For outdoor installations, use only IP-rated XLR connectors suitable for outdoor use.

The DMX512 is widely used in intelligent lighting control, with a DMX 512 controller. connect several lights together, DMX in and DMX out, 3 pin XLR connectors: Pin 1: GND, Pin 2: Negative signal (-), Pin 3: Positive signal (+)

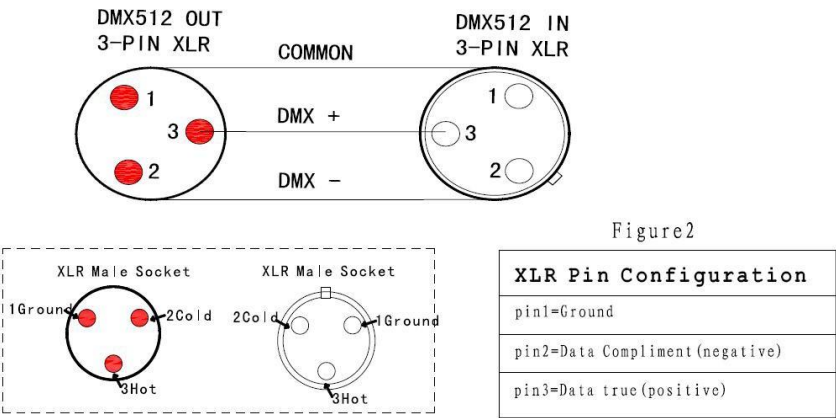


Figure2

9. Configuring the fixture for DMX control

About DMX

The fixture can be controlled using signals sent by a DMX controller on a number of channels (which varies depending on the DMX mode that has been set).

The first channel used to receive data from a DMX control device is known as the DMX start address. Each fixture must have a DMX start address set. For example, if a fixture has a DMX address of 10 and it is in 4-channel DMX mode, then it uses channels 10, 11, 12 and 13. The following fixture in the DMX chain could then be set to a DMX address of 14. If two or more DMX fixtures of the same type have the same DMX address, then they will mimic each other's behaviour. Incorrect settings will result in unpredictable responses to the lighting controller.

Setting the DMX address

The DMX address can be seen on the main screen. To change the address setting, press the up arrow to increase the address, or the down arrow to decrease the setting. When the desired address is displayed, press Enter to save the setting.

Note that channel spacing is determined by the DMX mode.

See the "DMX protocols" on page 12 for specific DMX control values.

Setting the DMX mode

Using the "DMX Channel Mode" menu available from the control panel, specify the DMX mode that provides the fixture controls that you require, confirm chosen mode by pressing 'Enter'.

10. Cleaning

To maintain optimal performance, regular cleaning is essential. Cleaning schedules will vary depending on the operating environment, and the installation should therefore be checked at frequent intervals within the first few weeks of operation to see whether cleaning is necessary. This procedure will allow you to assess cleaning requirements in your particular situation. Clean the fixture using a soft cloth dampened with a solution of water and a mild detergent. Do not use products that contain solvents, abrasives or caustic agents for cleaning, as they can cause damage to both hardware, cables and connectors.

11. DMX protocols

15CH SIMPLE MODE			
CH	Function	Value	Remark
1	Master Dimmer	000-255	0-100%
2	Centric Tube Dimmer	000-255	0-100%
3	Centric Tube Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)
		065-069	Strobe open
		070-084	Opening pulse (fast->slow)
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)
		105-109	Strobe open
		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open

		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
4	Centric Tube Duration	000-255	Only affects to normal strobe (025-064)
5	Single Tube (1-4) Dimmer	000-255	0-100%
6	Single Tube (1-4) Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)
		065-069	Strobe open
		070-084	Opening pulse (fast->slow)
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)
		105-109	Strobe open
		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open
		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)

		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
7	Single Tube (1-4) Duration	000-255	Only affects to normal strobe (025-064)
8	RGB Panels (1+2) Dimmer	000-255	0-100%
9	RGB Panels (1+2) Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)
		065-069	Strobe open
		070-084	Opening pulse (fast->slow)
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)
		105-109	Strobe open
		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open
		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
10	RGB Panels (1+2) Duration	000-255	Only affects to normal strobe (025-064)
11	RGB Panels (1+2) Red	000-255	0-100%
12	RGB Panels (1+2)	000-255	0-100%

	Green		
13	RGB Panels (1+2) Blue	000-255	0-100%
14	RGB Panels (1+2) CTC	000-255	CTC
15	Device Settings (Hold 3s to activate)	000-019	No function
		020-024	Display Backlight On
		025-029	Display Backlight Off
		105-109	Fan Auto
		110-114	Fan Silent
		115-119	Fan Off
		120-124	Fan High Power
		130-134	Invert RGB Panel 1 Off
		135-139	Invert RGB Panel 1 On
		140-144	Invert RGB Panel 2 Off
		145-149	Invert RGB Panel 2 On
		150-154	Invert Centric Tube Off
		155-159	Invert Centric Tube On
		160-164	Invert Centric Tube 1 Off
		165-169	Invert Centric Tube 1 On
		170-174	Invert Centric Tube 2 Off
		175-179	Invert Centric Tube 2 On
		180-184	Invert Centric Tube 3 Off
		185-189	Invert Centric Tube 3 On
		190-194	Invert Centric Tube 4 Off
		195-199	Invert Centric Tube 4 On
		200-204	Swap RGB Panels Off
		205-209	Swap RGB Panels On
		240-244	Factory Reset

16CH SIMPLE MODE

CH	Function	Value	Remark
1	Master Dimmer	000-255	0-100%
2	Centric Tube Dimmer	000-255	0-100%
3	Centric Tube Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)
		065-069	Strobe open
		070-084	Opening pulse (fast->slow)
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)
		105-109	Strobe open
		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open
		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
4	Centric Tube Duration	000-255	Only affects to normal strobe (025-064)
5	Single Tube (1-4) Dimmer	000-255	0-100%
6	Single Tube (1-4) Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)

		065-069	Strobe open
		070-084	Opening pulse (fast->slow)
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)
		105-109	Strobe open
		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open
		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
7	Single Tube (1-4) Duration	000-255	Only affects to normal strobe (025-064)
8	RGB Panels (1+2) Dimmer	000-255	0-100%
9	RGB Panels (1+2) Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)
		065-069	Strobe open
		070-084	Opening pulse (fast->slow)
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)
		105-109	Strobe open
		110-124	Random strobe (fast->slow)
		125-129	Strobe open

		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open
		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
10	RGB Panels (1+2) Duration	000-255	Only affects to normal strobe (025-064)
11	RGB Panels (1+2) Red	000-255	0-100%
12	RGB Panels (1+2) Green	000-255	0-100%
13	RGB Panels (1+2) Blue	000-255	0-100%
14	RGB Panels (1+2) White	000-255	0-100%
15	RGB Panels (1+2) CTC	000-255	CTC
16	Device Settings (Hold 3s to activate)	000-019	No function
		020-024	Display Backlight On
		025-029	Display Backlight Off
		105-109	Fan Auto
		110-114	Fan Silent
		115-119	Fan Off
		120-124	Fan High Power
		130-134	Invert RGB Panel 1 Off
		135-139	Invert RGB Panel 1 On
		140-144	Invert RGB Panel 2 Off

		145-149	Invert RGB Panel 2 On
		150-154	Invert Centric Tube Off
		155-159	Invert Centric Tube On
		160-164	Invert Centric Tube 1 Off
		165-169	Invert Centric Tube 1 On
		170-174	Invert Centric Tube 2 Off
		175-179	Invert Centric Tube 2 On
		180-184	Invert Centric Tube 3 Off
		185-189	Invert Centric Tube 3 On
		190-194	Invert Centric Tube 4 Off
		195-199	Invert Centric Tube 4 On
		200-204	Swap RGB Panels Off
		205-209	Swap RGB Panels On
		240-244	Factory Reset

39CH EASY MODE

CH	Function	Value	Remark
1	Master Dimmer	000-255	0-100%
2	Centric Tube Dimmer	000-255	0-100%
3	Centric Tube Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)
		065-069	Strobe open
		070-084	Opening pulse (fast->slow)
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)
		105-109	Strobe open
		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open
		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open

		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
4	Centric Tube Duration	000-255	Only affects to normal strobe (025-064)
5	Centric Tube Pattern Dimmer	000-255	0-100%
6	Centric Tube Pattern Selection	000-001	No function
		002-143	One pattern per value
		144-255	No function
7	Centric Tube Pattern Selection Fade	000-255	Selection fade (fast->slow)
8	Centric Tube Pattern Speed	000-124	Left to Right / Slow to fast
		125-130	No function
		131-249	Right to Left / Fast to slow
		250-255	No function
9	Centric Tube Pattern Fade	000-255	Pattern fade (fast->slow)
10	Reserve	000-255	Reserve
11	Single Tube (1-4) Dimmer	000-255	0-100%
12	Single Tube (1-4) Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)
		065-069	Strobe open
		070-084	Opening pulse (fast->slow)
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)

		105-109	Strobe open
		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open
		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
13	Single Tube (1-4) Duration	000-255	Only affects to normal strobe (025-064)
14	Single Tube (1-4) Pattern Dimmer	000-255	0-100%
15	Single Tube (1-4) Pattern Selection	000-001	No function
		002-143	One pattern per value
		144-255	No function
16	Reserve	000-255	Reserve
17	Reserve	000-255	Reserve
18	Single Tube (1-4) Pattern Selection Fade	000-255	Selection fade (fast->slow)
19	Single Tube (1-4) Pattern Speed	000-124	Left to Right / Slow to fast
		125-130	No function
		131-249	Right to Left / Fast to slow
		250-255	No function
20	Single Tube (1-4) Pattern Fade	000-255	Pattern fade (fast->slow)
21	Reserve	000-255	Reserve

22	RGB Panels (1+2) Dimmer	000-255	0-100%
23	RGB Panels (1+2) Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)
		065-069	Strobe open
		070-084	Opening pulse (fast->slow)
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)
		105-109	Strobe open
		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open
		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
24	RGB Panels (1+2) Duration	000-255	Only affects to normal strobe (025-064)
25	RGB Panels (1+2) Red	000-255	0-100%
26	RGB Panels (1+2) Green	000-255	0-100%
27	RGB Panels (1+2) Blue	000-255	0-100%
28	RGB Panels (1+2) CTC	000-255	CTC

29	RGB Panels (1+2) Pattern Dimmer	000-255	0-100%
30	RGB Panels (1+2) Pattern Selection	000-001	No function
		002-079	One pattern per value
		080-255	No function
31	RGB Panels (1+2) Pattern Selection Fade	000-255	Selection fade (fast->slow)
32	RGB Panels (1+2) Pattern Speed	000-124	Left to Right / Slow to fast
		125-130	No function
		131-249	Right to Left / Fast to slow
		250-255	No function
33	RGB Panels (1+2) Pattern Fade	000-255	Pattern fade (fast->slow)
34	Reserve	000-255	Reserve
35	RGB Panels (1+2) Pattern Red	000-255	0-100%
36	RGB Panels (1+2) Pattern Green	000-255	0-100%
37	RGB Panels (1+2) Pattern Blue	000-255	0-100%
38	RGB Panels (1+2) Pattern CTC	000-255	Pattern CTC
39	Device Settings (Hold 3s to activate)	000-019	No function
		020-024	Display Backlight On
		025-029	Display Backlight Off
		105-109	Fan Auto
		110-114	Fan Silent
		115-119	Fan Off
		120-124	Fan High Power
		130-134	Invert RGB Panel 1 Off
		135-139	Invert RGB Panel 1 On
		140-144	Invert RGB Panel 2 Off
		145-149	Invert RGB Panel 2 On

		150-154	Invert Centric Tube Off
		155-159	Invert Centric Tube On
		160-164	Invert Centric Tube 1 Off
		165-169	Invert Centric Tube 1 On
		170-174	Invert Centric Tube 2 Off
		175-179	Invert Centric Tube 2 On
		180-184	Invert Centric Tube 3 Off
		185-189	Invert Centric Tube 3 On
		190-194	Invert Centric Tube 4 Off
		195-199	Invert Centric Tube 4 On
		200-204	Swap RGB Panels Off
		205-209	Swap RGB Panels On
		240-244	Factory Reset

71CH STANDARD MODE			
CH	Function	Value	Remark
1	Master Dimmer	000-255	0-100%
2	Centric Tube Dimmer	000-255	0-100%
3	Centric Tube Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)
		065-069	Strobe open
		070-084	Opening pulse (fast->slow)
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)
		105-109	Strobe open
		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open
		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)

		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
4	Centric Tube Duration	000-255	Only affects to normal strobe (025-064)
5	Centric Tube Pattern Dimmer	000-255	0-100%
6	Centric Tube Pattern Selection	000-001	No function
		002-143	One pattern per value
		144-255	No function
7	Centric Tube Pattern Selection Fade	000-255	Selection fade (fast->slow)
8	Centric Tube Pattern Speed	000-124	Left to Right / Slow to fast
		125-130	No function
		131-249	Right to Left / Fast to slow
		250-255	No function
9	Centric Tube Pattern Fade	000-255	Pattern fade (fast->slow)
10	Reserve	000-255	Reserve
11	Single Tube 1 Dimmer	000-255	0-100%
12	Single Tube 1 Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)
		065-069	Strobe open
		070-084	Opening pulse (fast->slow)
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)
		105-109	Strobe open

		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open
		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
13	Single Tube 1 Duration	000-255	Only affects to normal strobe (025-064)
14	Single Tube 1 Pattern Dimmer	000-255	0-100%
15	Single Tube 1 Pattern Selection	000-001	No function
		002-143	One pattern per value
		144-255	No function
16	Single Tube 1 Pattern Selection Fade	000-255	Selection fade (fast->slow)
17	Single Tube 1 Pattern Speed	000-124	Left to Right / Slow to fast
		125-130	No function
		131-249	Right to Left / Fast to slow
		250-255	No function
18	Single Tube 1 Pattern Fade	000-255	Pattern fade (fast->slow)
19	Reserve	000-255	Reserve
20	Single Tube 2 Dimmer	000-255	0-100%
21	Single Tube 2	000-019	Strobe close

	Strobe	020-024	Strobe open
		025-064	Normal strobe (fast->slow)
		065-069	Strobe open
		070-084	Opening pulse (fast->slow)
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)
		105-109	Strobe open
		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open
		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
22	Single Tube 2 Duration	000-255	Only affects to normal strobe (025-064)
23	Single Tube 2 Pattern Dimmer	000-255	0-100%
24	Single Tube 2 Pattern Selection	000-001	No function
		002-143	One pattern per value
		144-255	No function
25	Single Tube 2 Pattern Selection Fade	000-255	Selection fade (fast->slow)
26	Single Tube 2 Pattern Speed	000-124	Left to Right / Slow to fast
		125-130	No function

		131-249	Right to Left / Fast to slow
		250-255	No function
27	Single Tube 2 Pattern Fade	000-255	Pattern fade (fast->slow)
28	Reserve	000-255	Reserve
29	Single Tube 3 Dimmer	000-255	0-100%
30	Single Tube 3 Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)
		065-069	Strobe open
		070-084	Opening pulse (fast->slow)
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)
		105-109	Strobe open
		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open
		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
31	Single Tube 3 Duration	000-255	Only affects to normal strobe (025-064)
32	Single Tube 3 Pattern Dimmer	000-255	0-100%

33	Single Tube 3 Pattern Selection	000-001	No function
		002-143	One pattern per value
		144-255	No function
34	Single Tube 3 Pattern Selection Fade	000-255	Selection fade (fast->slow)
35	Single Tube 3 Pattern Speed	000-124	Left to Right / Slow to fast
		125-130	No function
		131-249	Right to Left / Fast to slow
		250-255	No function
36	Single Tube 3 Pattern Fade	000-255	Pattern fade (fast->slow)
37	Reserve	000-255	Reserve
38	Single Tube 4 Dimmer	000-255	0-100%
39	Single Tube 4 Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)
		065-069	Strobe open
		070-084	Opening pulse (fast->slow)
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)
		105-109	Strobe open
		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open
		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open

		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
40	Single Tube 4 Duration	000-255	Only affects to normal strobe (025-064)
41	Single Tube 4 Pattern Dimmer	000-255	0-100%
42	Single Tube 4 Pattern Selection	000-001	No function
		002-143	One pattern per value
		144-255	No function
43	Single Tube 4 Pattern Selection Fade	000-255	Selection fade (fast->slow)
44	Single Tube 4 Pattern Speed	000-124	Left to Right / Slow to fast
		125-130	No function
		131-249	Right to Left / Fast to slow
		250-255	No function
45	Single Tube 4 Pattern Fade	000-255	Pattern fade (fast->slow)
46	Reserve	000-255	Reserve
47	Single Tube (1-4) Dimmer	000-255	0-100%
48	Single Tube (1-4) Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)
		065-069	Strobe open
		070-084	Opening pulse (fast->slow)
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)
		105-109	Strobe open
		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)

		145-149	Strobe open
		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
49	Single Tube (1-4) Duration	000-255	Only affects to normal strobe (025-064)
50	Single Tube (1-4) Pattern Dimmer	000-255	0-100%
51	Single Tube (1-4) Pattern Selection	000-001	No function
		002-143	One pattern per value
		144-255	No function
52	Reserve	000-255	Reserve
53	RGB Panels (1+2) Dimmer	000-255	0-100%
54	RGB Panels (1+2) Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)
		065-069	Strobe open
		070-084	Opening pulse (fast->slow)
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)
		105-109	Strobe open
		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open

		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
55	RGB Panels (1+2) Duration	000-255	Only affects to normal strobe (025-064)
56	RGB Panels (1+2) Red	000-255	0-100%
57	RGB Panels (1+2) Green	000-255	0-100%
58	RGB Panels (1+2) Blue	000-255	0-100%
59	RGB Panels (1+2) CTC	000-255	CTC
60	RGB Panels (1+2) Backgroud Color	000-255	Macro background color
61	RGB Panels (1+2) Backgroud Color Fade	000-255	Macro background color fade
62	RGB Panels (1+2) Pattern Dimmer	000-255	0-100%
63	RGB Panels (1+2) Pattern Selection	000-001	No function
		002-079	One pattern per value
		080-255	No function
64	RGB Panels (1+2) Pattern Selection Fade	000-255	Selection fade (fast->slow)
65	RGB Panels (1+2) Pattern Speed	000-124	Left to Right / Slow to fast
		125-130	No function

		131-249	Right to Left / Fast to slow
		250-255	No function
66	RGB Panels (1+2) Pattern Fade	000-255	Pattern fade (fast->slow)
67	Reserve	000-255	Reserve
68	RGB Panels (1+2) Pattern Red	000-255	0-100%
69	RGB Panels (1+2) Pattern Green	000-255	0-100%
70	RGB Panels (1+2) Pattern Blue	000-255	0-100%
71	Device Settings (Hold 3s to activate)	000-019	No function
		020-024	Display Backlight On
		025-029	Display Backlight Off
		105-109	Fan Auto
		110-114	Fan Silent
		115-119	Fan Off
		120-124	Fan High Power
		130-134	Invert RGB Panel 1 Off
		135-139	Invert RGB Panel 1 On
		140-144	Invert RGB Panel 2 Off
		145-149	Invert RGB Panel 2 On
		150-154	Invert Centric Tube Off
		155-159	Invert Centric Tube On
		160-164	Invert Centric Tube 1 Off
		165-169	Invert Centric Tube 1 On
		170-174	Invert Centric Tube 2 Off
		175-179	Invert Centric Tube 2 On
		180-184	Invert Centric Tube 3 Off
		185-189	Invert Centric Tube 3 On
		190-194	Invert Centric Tube 4 Off
		195-199	Invert Centric Tube 4 On
		200-204	Swap RGB Panels Off

		205-209	Swap RGB Panels On
		240-244	Factory Reset

112CH PURE MODE

CH	Function	Value	Remark
1	Master Dimmer	000-255	0-100%
2	Centric Tube Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)
		065-069	Strobe open
		070-084	Opening pulse (fast->slow)
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)
		105-109	Strobe open
		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open
		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
3	Centric Tube Duration	000-255	Only affects to normal strobe (025-064)
4	Centric Tube Pixel 1 Intensity	000-255	0-100%
5	Centric Tube	000-255	0-100%

	Pixel 2 Intensity		
...	...	...	...
15	Centric Tube Pixel 12 Intensity	000-255	0-100%
16	Single Tube 1 Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)
		065-069	Strobe open
		070-084	Opening pulse (fast->slow)
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)
		105-109	Strobe open
		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open
		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
17	Single Tube 1 Duration	000-255	Only affects to normal strobe (025-064)
18	Single Tube 1 Pixel 1 Intensity	000-255	0-100%
19	Single Tube 1 Pixel 2 Intensity	000-255	0-100%
...	...	...	...

29	Single Tube 1 Pixel 12 Intensity	000-255	0-100%
30	Single Tube 2 Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)
		065-069	Strobe open
		070-084	Opening pulse (fast->slow)
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)
		105-109	Strobe open
		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open
		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
31	Single Tube 2 Duration	000-255	Only affects to normal strobe (025-064)
32	Single Tube 2 Pixel 1 Intensity	000-255	0-100%
33	Single Tube 2 Pixel 2 Intensity	000-255	0-100%
...	...	...	...
43	Single Tube 2 Pixel 12 Intensity	000-255	0-100%
44	Single Tube 3	000-019	Strobe close

	Strobe	020-024	Strobe open
		025-064	Normal strobe (fast->slow)
		065-069	Strobe open
		070-084	Opening pulse (fast->slow)
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)
		105-109	Strobe open
		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open
		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
45	Single Tube 3 Duration	000-255	Only affects to normal strobe (025-064)
46	Single Tube 3 Pixel 1 Intensity	000-255	0-100%
47	Single Tube 3 Pixel 2 Intensity	000-255	0-100%
...	...	...	...
57	Single Tube 3 Pixel 12 Intensity	000-255	0-100%
58	Single Tube 4 Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)

		065-069	Strobe open
		070-084	Opening pulse (fast->slow)
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)
		105-109	Strobe open
		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open
		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
59	Single Tube 4 Duration	000-255	Only affects to normal strobe (025-064)
60	Single Tube 4 Pixel 1 Intensity	000-255	0-100%
61	Single Tube 4 Pixel 2 Intensity	000-255	0-100%
...	...	...	...
71	Single Tube 4 Pixel 12 Intensity	000-255	0-100%
72	RGB Panel 1 Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)
		065-069	Strobe open
		070-084	Opening pulse (fast->slow)

		085-089	Strobe open
		090-104	Closing pulse (fast->slow)
		105-109	Strobe open
		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open
		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
73	RGB Panel 1 Duration	000-255	Only affects to normal strobe (025-064)
74	RGB Panel 1 Red 1	000-255	0-100%
75	RGB Panel 1 Green 1	000-255	0-100%
76	RGB Panel 1 Blue 1	000-255	0-100%
...	...	...	...
89	RGB Panel 1 Red 6	000-255	0-100%
90	RGB Panel 1 Green 6	000-255	0-100%
91	RGB Panel 1 Blue 6	000-255	0-100%
92	RGB Panel 2 Strobe	000-019	Strobe close
		020-024	Strobe open

		025-064	Normal strobe (fast->slow)
		065-069	Strobe open
		070-084	Opening pulse (fast->slow)
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)
		105-109	Strobe open
		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open
		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
93	RGB Panel 2 Duration	000-255	Only affects to normal strobe (025-064)
94	RGB Panel 2 Red 1	000-255	0-100%
95	RGB Panel 2 Green 1	000-255	0-100%
96	RGB Panel 2 Blue 1	000-255	0-100%
...	...	...	...
109	RGB Panel 2 Red 6	000-255	0-100%
110	RGB Panel 2 Green 6	000-255	0-100%
111	RGB Panel 2	000-255	0-100%

	Blue 6		
112	Device Settings (Hold 3s to activate)	000-019	No function
		020-024	Display Backlight On
		025-029	Display Backlight Off
		105-109	Fan Auto
		110-114	Fan Silent
		115-119	Fan Off
		120-124	Fan High Power
		130-134	Invert RGB Panel 1 Off
		135-139	Invert RGB Panel 1 On
		140-144	Invert RGB Panel 2 Off
		145-149	Invert RGB Panel 2 On
		150-154	Invert Centric Tube Off
		155-159	Invert Centric Tube On
		160-164	Invert Centric Tube 1 Off
		165-169	Invert Centric Tube 1 On
		170-174	Invert Centric Tube 2 Off
		175-179	Invert Centric Tube 2 On
		180-184	Invert Centric Tube 3 Off
		185-189	Invert Centric Tube 3 On
		190-194	Invert Centric Tube 4 Off
		195-199	Invert Centric Tube 4 On
		200-204	Swap RGB Panels Off
		205-209	Swap RGB Panels On
		240-244	Factory Reset

209CH PURE MODE

CH	Function	Value	Remark
1	Master Dimmer	000-255	0-100%
2	Master Dimmer fine	000-255	0-100%
3	Centric Tube Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)

		065-069	Strobe open
		070-084	Opening pulse (fast->slow)
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)
		105-109	Strobe open
		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open
		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
4	Centric Tube Duration	000-255	Only affects to normal strobe (025-064)
5	Centric Tube Pixel 1 Intensity	000-255	0-100%
6	Centric Tube Pixel 1 Intensity fine	000-255	0-100%
...	...	...	...
27	Centric Tube Pixel 12 Intensity	000-255	0-100%
28	Centric Tube Pixel 12 Intensity fine	000-255	0-100%
29	Single Tube 1 Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)
		065-069	Strobe open

		070-084	Opening pulse (fast->slow)
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)
		105-109	Strobe open
		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open
		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
30	Single Tube 1 Duration	000-255	Only affects to normal strobe (025-064)
31	Single Tube 1 Pixel 1 Intensity	000-255	0-100%
32	Single Tube 1 Pixel 1 Intensity fine	000-255	0-100%
...	...	...	...
53	Single Tube 1 Pixel 12 Intensity	000-255	0-100%
54	Single Tube 1 Pixel 12 Intensity fine	000-255	0-100%
55	Single Tube 2 Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)
		065-069	Strobe open
		070-084	Opening pulse (fast->slow)

		085-089	Strobe open
		090-104	Closing pulse (fast->slow)
		105-109	Strobe open
		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open
		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
56	Single Tube 2 Duration	000-255	Only affects to normal strobe (025-064)
57	Single Tube 2 Pixel 1 Intensity	000-255	0-100%
58	Single Tube 2 Pixel 1 Intensity fine	000-255	0-100%
...	...	...	...
79	Single Tube 2 Pixel 12 Intensity	000-255	0-100%
80	Single Tube 2 Pixel 12 Intensity fine	000-255	0-100%
81	Single Tube 3 Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)
		065-069	Strobe open
		070-084	Opening pulse (fast->slow)
		085-089	Strobe open

		090-104	Closing pulse (fast->slow)
		105-109	Strobe open
		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open
		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
82	Single Tube 3 Duration	000-255	Only affects to normal strobe (025-064)
83	Single Tube 3 Pixel 1 Intensity	000-255	0-100%
84	Single Tube 3 Pixel 1 Intensity fine	000-255	0-100%
...	...	...	...
105	Single Tube 3 Pixel 12 Intensity	000-255	0-100%
106	Single Tube 3 Pixel 12 Intensity fine	000-255	0-100%
107	Single Tube 4 Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)
		065-069	Strobe open
		070-084	Opening pulse (fast->slow)
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)

		105-109	Strobe open
		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open
		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
108	Single Tube 4 Duration	000-255	Only affects to normal strobe (025-064)
109	Single Tube 4 Pixel 1 Intensity	000-255	0-100%
110	Single Tube 4 Pixel 1 Intensity fine	000-255	0-100%
...	...	...	...
131	Single Tube 4 Pixel 12 Intensity	000-255	0-100%
132	Single Tube 4 Pixel 12 Intensity fine	000-255	0-100%
133	RGB Panel 1 Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)
		065-069	Strobe open
		070-084	Opening pulse (fast->slow)
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)
		105-109	Strobe open

		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open
		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
134	RGB Panel 1 Duration	000-255	Only affects to normal strobe (025-064)
135	RGB Panel 1 Red 1	000-255	0-100%
136	RGB Panel 1 Red 1 fine	000-255	0-100%
137	RGB Panel 1 Green 1	000-255	0-100%
138	RGB Panel 1 Green 1 fine	000-255	0-100%
139	RGB Panel 1 Blue 1	000-255	0-100%
140	RGB Panel 1 Blue 1 fine	000-255	0-100%
...	...	...	...
165	RGB Panel 1 Red 6	000-255	0-100%
166	RGB Panel 1 Red 6 fine	000-255	0-100%
167	RGB Panel 1 Green 6	000-255	0-100%

168	RGB Panel 1 Green 6 fine	000-255	0-100%
169	RGB Panel 1 Blue 6	000-255	0-100%
170	RGB Panel 1 Blue 6 fine	000-255	0-100%
171	RGB Panel 2 Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)
		065-069	Strobe open
		070-084	Opening pulse (fast->slow)
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)
		105-109	Strobe open
		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open
		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
172	RGB Panel 2 Duration	000-255	Only affects to normal strobe (025-064)
173	RGB Panel 2 Red 1	000-255	0-100%
174	RGB Panel 2 Red 1 fine	000-255	0-100%

175	RGB Panel 2 Green 1	000-255	0-100%
176	RGB Panel 2 Green 1 fine	000-255	0-100%
177	RGB Panel 2 Blue 1	000-255	0-100%
178	RGB Panel 2 Blue 1 fine	000-255	0-100%
...	...	...	...
203	RGB Panel 2 Red 6	000-255	0-100%
204	RGB Panel 2 Red 6 fine	000-255	0-100%
205	RGB Panel 2 Green 6	000-255	0-100%
206	RGB Panel 2 Green 6 fine	000-255	0-100%
207	RGB Panel 2 Blue 6	000-255	0-100%
208	RGB Panel 2 Blue 6 fine	000-255	0-100%
209	Device Settings (Hold 3s to activate)	000-019	No function
		020-024	Display Backlight On
		025-029	Display Backlight Off
		105-109	Fan Auto
		110-114	Fan Silent
		115-119	Fan Off
		120-124	Fan High Power
		130-134	Invert RGB Panel 1 Off
		135-139	Invert RGB Panel 1 On
		140-144	Invert RGB Panel 2 Off
		145-149	Invert RGB Panel 2 On
		150-154	Invert Centric Tube Off
		155-159	Invert Centric Tube On
		160-164	Invert Centric Tube 1 Off

		165-169	Invert Centric Tube 1 On
		170-174	Invert Centric Tube 2 Off
		175-179	Invert Centric Tube 2 On
		180-184	Invert Centric Tube 3 Off
		185-189	Invert Centric Tube 3 On
		190-194	Invert Centric Tube 4 Off
		195-199	Invert Centric Tube 4 On
		200-204	Swap RGB Panels Off
		205-209	Swap RGB Panels On
		240-244	Factory Reset

178 FULL ACCESS MODE			
CH	Function	Value	Remark
1	Master Dimmer	000-255	0-100%
2	Centric Tube Pixel 1 Intensity	000-255	0-100%
3	Centric Tube Pixel 2 Intensity	000-255	0-100%
...	...	...	...
13	Centric Tube Pixel 12 Intensity	000-255	0-100%
14	Centric Tube Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)
		065-069	Strobe open
		070-084	Opening pulse (fast->slow)
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)
		105-109	Strobe open
		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open

		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
15	Centric Tube Duration	000-255	Only affects to normal strobe (025-064)
16	Centric Tube Pattern Dimmer	000-255	0-100%
17	Centric Tube Pattern Selection	000-001	No function
		002-143	One pattern per value
		144-255	No function
18	Centric Tube Pattern Selection Fade	000-255	Selection fade (fast->slow)
19	Centric Tube Pattern Speed	000-124	Left to Right / Slow to fast
		125-130	No function
		131-249	Right to Left / Fast to slow
		250-255	No function
20	Centric Tube Pattern Fade	000-255	Pattern fade (fast->slow)
21	Reserve	000-255	Reserve
22	Single Tube 1 Pixel 1 Intensity	000-255	0-100%
23	Single Tube 1 Pixel 2 Intensity	000-255	0-100%
...	...	...	...
33	Single Tube 1 Pixel 12 Intensity	000-255	0-100%

34	Single Tube 1 Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)
		065-069	Strobe open
		070-084	Opening pulse (fast->slow)
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)
		105-109	Strobe open
		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open
		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
35	Single Tube 1 Duration	000-255	Only affects to normal strobe (025-064)
36	Single Tube 1 Pattern Dimmer	000-255	0-100%
37	Single Tube 1 Pattern Selection	000-001	No function
		002-143	One pattern per value
		144-255	No function
38	Single Tube 1 Pattern Selection Fade	000-255	Selection fade (fast->slow)
39	Single Tube 1	000-124	Left to Right / Slow to fast

	Pattern Speed	125-130	No function
		131-249	Right to Left / Fast to slow
		250-255	No function
40	Single Tube 1 Pattern Fade	000-255	Pattern fade (fast->slow)
41	Reserve	000-255	Reserve
42	Single Tube 2 Pixel 1 Intensity	000-255	0-100%
43	Single Tube 2 Pixel 2 Intensity	000-255	0-100%
...	...	...	...
53	Single Tube 2 Pixel 12 Intensity	000-255	0-100%
54	Single Tube 2 Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)
		065-069	Strobe open
		070-084	Opening pulse (fast->slow)
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)
		105-109	Strobe open
		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open
		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open

		230-244	Burst (fast->slow)
		245-255	Strobe open
55	Single Tube 2 Duration	000-255	Only affects to normal strobe (025-064)
56	Single Tube 2 Pattern Dimmer	000-255	0-100%
57	Single Tube 2 Pattern Selection	000-001	No function
		002-143	One pattern per value
		144-255	No function
58	Single Tube 2 Pattern Selection Fade	000-255	Selection fade (fast->slow)
59	Single Tube 2 Pattern Speed	000-124	Left to Right / Slow to fast
		125-130	No function
		131-249	Right to Left / Fast to slow
		250-255	No function
60	Single Tube 2 Pattern Fade	000-255	Pattern fade (fast->slow)
61	Reserve	000-255	Reserve
62	Single Tube 3 Pixel 1 Intensity	000-255	0-100%
63	Single Tube 3 Pixel 2 Intensity	000-255	0-100%
...	...	...	...
73	Single Tube 3 Pixel 12 Intensity	000-255	0-100%
74	Single Tube 4 Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)
		065-069	Strobe open
		070-084	Opening pulse (fast->slow)
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)
		105-109	Strobe open

		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open
		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
75	Single Tube 4 Duration	000-255	Only affects to normal strobe (025-064)
76	Single Tube 4 Pattern Dimmer	000-255	0-100%
77	Single Tube 4 Pattern Selection	000-001	No function
		002-143	One pattern per value
		144-255	No function
78	Single Tube 4 Pattern Selection Fade	000-255	Selection fade (fast->slow)
79	Single Tube 4 Pattern Speed	000-124	Left to Right / Slow to fast
		125-130	No function
		131-249	Right to Left / Fast to slow
		250-255	No function
80	Single Tube 4 Pattern Fade	000-255	Pattern fade (fast->slow)
81	Reserve	000-255	Reserve
82	Single Tube 4 Pixel 1 Intensity	000-255	0-100%
83	Single Tube 4	000-255	0-100%

	Pixel 2 Intensity		
...	...	...	...
93	Single Tube 4 Pixel 12 Intensity	000-255	0-100%
94	Single Tube 4 Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)
		065-069	Strobe open
		070-084	Opening pulse (fast->slow)
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)
		105-109	Strobe open
		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open
		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
95	Single Tube 4 Duration	000-255	Only affects to normal strobe (025-064)
96	Single Tube 4 Pattern Dimmer	000-255	0-100%
97	Single Tube 4 Pattern Selection	000-001	No function
		002-143	One pattern per value
		144-255	No function

98	Single Tube 4 Pattern Selection Fade	000-255	Selection fade (fast->slow)
99	Single Tube 4 Pattern Speed	000-124	Left to Right / Slow to fast
		125-130	No function
		131-249	Right to Left / Fast to slow
		250-255	No function
100	Single Tube 4 Pattern Fade	000-255	Pattern fade (fast->slow)
101	Reserve	000-255	Reserve
102	Single Tube (1-4) Pattern Dimmer	000-255	0-100%
103	Single Tube (1-4) Pattern Selection	000-001	No function
		002-143	One pattern per value
		144-255	No function
104	Single Tube (1-4) Pattern Selection Fade	000-255	Selection fade (fast->slow)
105	Single Tube (1-4) Pattern Speed	000-124	Left to Right / Slow to fast
		125-130	No function
		131-249	Right to Left / Fast to slow
		250-255	No function
106	Single Tube (1-4) Pattern Fade	000-255	Pattern fade (fast->slow)
107	Reserve	000-255	Reserve
108	RGB Panel 1 Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)
		065-069	Strobe open
		070-084	Opening pulse (fast->slow)
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)
		105-109	Strobe open
		110-124	Random strobe (fast->slow)

		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open
		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
109	RGB Panel 1 Duration	000-255	Only affects to normal strobe (025-064)
110	RGB Panel 1 Pattern Dimmer	000-255	0-100%
111	RGB Panel 1 Pattern Selection	000-001	No function
		002-079	One pattern per value
		080-255	No function
112	RGB Panel 1 Pattern Selection Fade	000-255	Selection fade (fast->slow)
113	RGB Panel 1 Pattern Speed	000-124	Left to Right / Slow to fast
		125-130	No function
		131-249	Right to Left / Fast to slow
		250-255	No function
114	RGB Panel 1 Pattern Fade	000-255	Pattern fade (fast->slow)
115	Reserve	000-255	Reserve
116	RGB Panel 1 Red	000-255	0-100%
117	RGB Panel 1 Green	000-255	0-100%

118	RGB Panel 1 Blue	000-255	0-100%
119	RGB Panel 1 CTC	000-255	CTC
120	RGB Panel 1 Red 1	000-255	0-100%
121	RGB Panel 1 Green 1	000-255	0-100%
122	RGB Panel 1 Blue 1	000-255	0-100%
...	...	...	...
135	RGB Panel 1 Red 6	000-255	0-100%
136	RGB Panel 1 Green 6	000-255	0-100%
137	RGB Panel 1 Blue 6	000-255	0-100%
138	RGB Panel 2 Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)
		065-069	Strobe open
		070-084	Opening pulse (fast->slow)
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)
		105-109	Strobe open
		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open
		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)

		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
139	RGB Panel 2 Duration	000-255	Only affects to normal strobe (025-064)
140	RGB Panel 2 Pattern Dimmer	000-255	0-100%
141	RGB Panel 2 Pattern Selection	000-001	No function
		002-079	One pattern per value
		080-255	No function
142	RGB Panel 2 Pattern Selection Fade	000-255	Selection fade (fast->slow)
143	RGB Panel 2 Pattern Speed	000-124	Left to Right / Slow to fast
		125-130	No function
		131-249	Right to Left / Fast to slow
		250-255	No function
144	RGB Panel 2 Pattern Fade	000-255	Pattern fade (fast->slow)
145	Reserve	000-255	Reserve
146	RGB Panel 2 Red	000-255	0-100%
147	RGB Panel 2 Green	000-255	0-100%
148	RGB Panel 2 Blue	000-255	0-100%
149	RGB Panel 2 CTC	000-255	CTC
150	RGB Panel 2 Red 1	000-255	0-100%
151	RGB Panel 2 Green 1	000-255	0-100%
152	RGB Panel 2	000-255	0-100%

	Blue 1		
...	...	...	...
165	RGB Panel 2 Red 6	000-255	0-100%
166	RGB Panel 2 Green 6	000-255	0-100%
167	RGB Panel 2 Blue 6	000-255	0-100%
168	RGB Panels (1+2) Pattern Dimmer	000-255	0-100%
169	RGB Panels (1+2) Pattern Selection	000-001	No function
		002-079	One pattern per value
		080-255	No function
170	RGB Panels (1+2) Pattern Selection Fade	000-255	Selection fade (fast->slow)
171	RGB Panels (1+2) Pattern Speed	000-124	Left to Right / Slow to fast
		125-130	No function
		131-249	Right to Left / Fast to slow
		250-255	No function
172	RGB Panels (1+2) Pattern Fade	000-255	Pattern fade (fast->slow)
173	Reserve	000-255	Reserve
174	RGB Panels (1+2) Pattern Red	000-255	0-100%
175	RGB Panels (1+2) Pattern Green	000-255	0-100%
176	RGB Panels (1+2) Pattern Blue	000-255	0-100%
177	RGB Panels (1+2) Pattern CTC	000-255	Pattern CTC
178	Device Settings (Hold 3s to activate)	000-019	No function
		020-024	Display Backlight On
		025-029	Display Backlight Off
		105-109	Fan Auto

		110-114	Fan Silent
		115-119	Fan Off
		120-124	Fan High Power
		130-134	Invert RGB Panel 1 Off
		135-139	Invert RGB Panel 1 On
		140-144	Invert RGB Panel 2 Off
		145-149	Invert RGB Panel 2 On
		150-154	Invert Centric Tube Off
		155-159	Invert Centric Tube On
		160-164	Invert Centric Tube 1 Off
		165-169	Invert Centric Tube 1 On
		170-174	Invert Centric Tube 2 Off
		175-179	Invert Centric Tube 2 On
		180-184	Invert Centric Tube 3 Off
		185-189	Invert Centric Tube 3 On
		190-194	Invert Centric Tube 4 Off
		195-199	Invert Centric Tube 4 On
		200-204	Swap RGB Panels Off
		205-209	Swap RGB Panels On
		240-244	Factory Reset

275CH FULL ACCESS EXTEND MODE

CH	Function	Value	Remark
1	Master Dimmer	000-255	0-100%
2	Master Dimmer fine	000-255	0-100%
3	Centric Tube Pixel 1 Intensity	000-255	0-100%
4	Centric Tube Pixel 1 Intensity fine	000-255	0-100%
5	Centric Tube Pixel 2 Intensity	000-255	0-100%
6	Centric Tube Pixel 2 Intensity fine	000-255	0-100%
...	...	...	...

25	Centric Tube Pixel 12 Intensity	000-255	0-100%
26	Centric Tube Pixel 12 Intensity fine	000-255	0-100%
27	Centric Tube Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)
		065-069	Strobe open
		070-084	Opening pulse (fast->slow)
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)
		105-109	Strobe open
		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open
		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
28	Centric Tube Duration	000-255	Only affects to normal strobe (025-064)
29	Centric Tube Pattern Dimmer	000-255	0-100%
30	Centric Tube Pattern Selection	000-001	No function
		002-143	One pattern per value
		144-255	No function

31	Centric Tube Pattern Selection Fade	000-255	Selection fade (fast->slow)
32	Centric Tube Pattern Speed	000-124	Left to Right / Slow to fast
		125-130	No function
		131-249	Right to Left / Fast to slow
		250-255	No function
33	Centric Tube Pattern Fade	000-255	Pattern fade (fast->slow)
34	Reserve	000-255	Reserve
35	Single Tube 1 Pixel 1 Intensity	000-255	0-100%
36	Single Tube 1 Pixel 1 Intensity fine	000-255	0-100%
37	Single Tube 1 Pixel 2 Intensity	000-255	0-100%
38	Single Tube 1 Pixel 2 Intensity fine	000-255	0-100%
...	...	...	...
57	Single Tube 1 Pixel 12 Intensity	000-255	0-100%
58	Single Tube 1 Pixel 12 Intensity fine	000-255	0-100%
59	Single Tube 1 Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)
		065-069	Strobe open
		070-084	Opening pulse (fast->slow)
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)
		105-109	Strobe open
		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open

		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
60	Single Tube 1 Duration	000-255	Only affects to normal strobe (025-064)
61	Single Tube 1 Pattern Dimmer	000-255	0-100%
62	Single Tube 1 Pattern Selection	000-001	No function
		002-143	One pattern per value
		144-255	No function
63	Single Tube 1 Pattern Selection Fade	000-255	Selection fade (fast->slow)
64	Single Tube 1 Pattern Speed	000-124	Left to Right / Slow to fast
		125-130	No function
		131-249	Right to Left / Fast to slow
		250-255	No function
65	Single Tube 1 Pattern Fade	000-255	Pattern fade (fast->slow)
66	Reserve	000-255	Reserve
67	Single Tube 2 Pixel 1 Intensity	000-255	0-100%
68	Single Tube 2 Pixel 1 Intensity fine	000-255	0-100%
69	Single Tube 2 Pixel 2 Intensity	000-255	0-100%
70	Single Tube 2 Pixel 2 Intensity fine	000-255	0-100%

...	...	...	...
89	Single Tube 2 Pixel 12 Intensity	000-255	0-100%
90	Single Tube 2 Pixel 12 Intensity fine	000-255	0-100%
91	Single Tube 2 Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)
		065-069	Strobe open
		070-084	Opening pulse (fast->slow)
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)
		105-109	Strobe open
		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open
		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
92	Single Tube 2 Duration	000-255	Only affects to normal strobe (025-064)
93	Single Tube 2 Pattern Dimmer	000-255	0-100%
94	Single Tube 2 Pattern Selection	000-001	No function
		002-143	One pattern per value

		144-255	No function
95	Single Tube 2 Pattern Selection Fade	000-255	Selection fade (fast->slow)
96	Single Tube 2 Pattern Speed	000-124	Left to Right / Slow to fast
		125-130	No function
		131-249	Right to Left / Fast to slow
		250-255	No function
97	Single Tube 2 Pattern Fade	000-255	Pattern fade (fast->slow)
98	Reserve	000-255	Reserve
99	Single Tube 3 Pixel 1 Intensity	000-255	0-100%
100	Single Tube 3 Pixel 1 Intensity fine	000-255	0-100%
101	Single Tube 3 Pixel 2 Intensity	000-255	0-100%
102	Single Tube 3 Pixel 2 Intensity fine	000-255	0-100%
...	...	...	...
121	Single Tube 3 Pixel 12 Intensity	000-255	0-100%
122	Single Tube 3 Pixel 12 Intensity fine	000-255	0-100%
123	Single Tube 3 Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)
		065-069	Strobe open
		070-084	Opening pulse (fast->slow)
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)
		105-109	Strobe open
		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)

		145-149	Strobe open
		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
124	Single Tube 3 Duration	000-255	Only affects to normal strobe (025-064)
125	Single Tube 3 Pattern Dimmer	000-255	0-100%
126	Single Tube 3 Pattern Selection	000-001	No function
		002-143	One pattern per value
		144-255	No function
127	Single Tube 3 Pattern Selection Fade	000-255	Selection fade (fast->slow)
128	Single Tube 3 Pattern Speed	000-124	Left to Right / Slow to fast
		125-130	No function
		131-249	Right to Left / Fast to slow
		250-255	No function
129	Single Tube 3 Pattern Fade	000-255	Pattern fade (fast->slow)
130	Reserve	000-255	Reserve
131	Single Tube 4 Pixel 1 Intensity	000-255	0-100%
132	Single Tube 4 Pixel 1 Intensity fine	000-255	0-100%
133	Single Tube 4 Pixel 2 Intensity	000-255	0-100%

134	Single Tube 4 Pixel 2 Intensity fine	000-255	0-100%
...	...	...	...
153	Single Tube 4 Pixel 12 Intensity	000-255	0-100%
154	Single Tube 4 Pixel 12 Intensity fine	000-255	0-100%
155	Single Tube 4 Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)
		065-069	Strobe open
		070-084	Opening pulse (fast->slow)
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)
		105-109	Strobe open
		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open
		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
156	Single Tube 4 Duration	000-255	Only affects to normal strobe (025-064)
157	Single Tube 4 Pattern Dimmer	000-255	0-100%
158	Single Tube 4	000-001	No function

	Pattern Selection	002-143	One pattern per value
		144-255	No function
159	Single Tube 4 Pattern Selection Fade	000-255	Selection fade (fast->slow)
160	Single Tube 4 Pattern Speed	000-124	Left to Right / Slow to fast
		125-130	No function
		131-249	Right to Left / Fast to slow
		250-255	No function
161	Single Tube 4 Pattern Fade	000-255	Pattern fade (fast->slow)
162	Reserve	000-255	Reserve
163	Single Tube (1-4) Pattern Dimmer	000-255	0-100%
164	Single Tube (1-4) Pattern Selection	000-001	No function
		002-143	One pattern per value
		144-255	No function
165	Single Tube (1-4) Pattern Selection Fade	000-255	Selection fade (fast->slow)
166	Single Tube (1-4) Pattern Speed	000-124	Left to Right / Slow to fast
		125-130	No function
		131-249	Right to Left / Fast to slow
		250-255	No function
167	Single Tube (1-4) Pattern Fade	000-255	Pattern fade (fast->slow)
168	Reserve	000-255	Reserve
169	RGB Panel 1 Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)
		065-069	Strobe open
		070-084	Opening pulse (fast->slow)
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)

		105-109	Strobe open
		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open
		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
170	RGB Panel 1 Duration	000-255	Only affects to normal strobe (025-064)
171	RGB Panel 1 Pattern Dimmer	000-255	0-100%
172	RGB Panel 1 Pattern Selection	000-001	No function
		002-079	One pattern per value
		080-255	No function
173	RGB Panel 1 Pattern Selection Fade	000-255	Selection fade (fast->slow)
174	RGB Panel 1 Pattern Speed	000-124	Left to Right / Slow to fast
		125-130	No function
		131-249	Right to Left / Fast to slow
		250-255	No function
175	RGB Panel 1 Pattern Fade	000-255	Pattern fade (fast->slow)
176	Reserve	000-255	Reserve
177	RGB Panel 1 Pattern Red	000-255	0-100%

178	RGB Panel 1 Pattern Green	000-255	0-100%
179	RGB Panel 1 Pattern Blue	000-255	0-100%
180	RGB Panel 1 Pattern CTC	000-255	Pattern CTC
181	RGB Panel 1 Red 1	000-255	0-100%
182	RGB Panel 1 Red 1 fine	000-255	0-100%
183	RGB Panel 1 Green 1	000-255	0-100%
184	RGB Panel 1 Green 1 fine	000-255	0-100%
185	RGB Panel 1 Blue 1	000-255	0-100%
186	RGB Panel 1 Blue 1 fine	000-255	0-100%
...	...	...	...
211	RGB Panel 1 Red 6	000-255	0-100%
212	RGB Panel 1 Red 6 fine	000-255	0-100%
213	RGB Panel 1 Green 6	000-255	0-100%
214	RGB Panel 1 Green 6 fine	000-255	0-100%
215	RGB Panel 1 Blue 6	000-255	0-100%
216	RGB Panel 1 Blue 6 fine	000-255	0-100%
217	RGB Panel 2 Strobe	000-019	Strobe close
		020-024	Strobe open
		025-064	Normal strobe (fast->slow)
		065-069	Strobe open
		070-084	Opening pulse (fast->slow)

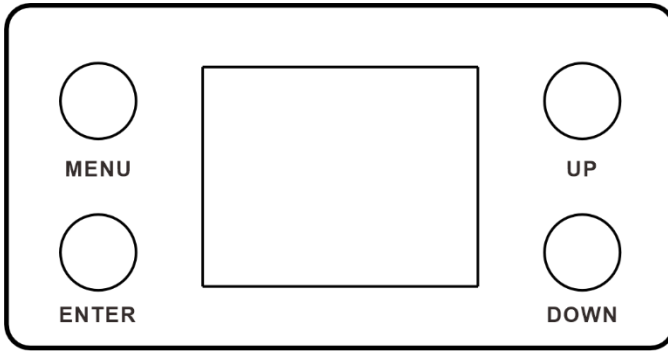
		085-089	Strobe open
		090-104	Closing pulse (fast->slow)
		105-109	Strobe open
		110-124	Random strobe (fast->slow)
		125-129	Strobe open
		130-144	Random opening pulse (fast->slow)
		145-149	Strobe open
		150-164	Random closing pulse (fast->slow)
		165-169	Strobe open
		170-184	Burst pulse (fast->slow)
		185-189	Strobe open
		190-204	Random burst pulse (fast->slow)
		205-209	Strobe open
		210-224	Sine wave (fast->slow)
		225-229	Strobe open
		230-244	Burst (fast->slow)
		245-255	Strobe open
218	RGB Panel 2 Duration	000-255	Only affects to normal strobe (025-064)
219	RGB Panel 2 Pattern Dimmer	000-255	0-100%
220	RGB Panel 2 Pattern Selection	000-001	No function
		002-079	One pattern per value
		080-255	No function
221	RGB Panel 2 Pattern Selection Fade	000-255	Selection fade (fast->slow)
222	RGB Panel 2 Pattern Speed	000-124	Left to Right / Slow to fast
		125-130	No function
		131-249	Right to Left / Fast to slow
		250-255	No function
223	RGB Panel 2 Pattern Fade	000-255	Pattern fade (fast->slow)
224	Reserve	000-255	Reserve

225	RGB Panel 2 Pattern Red	000-255	0-100%
226	RGB Panel 2 Pattern Green	000-255	0-100%
227	RGB Panel 2 Pattern Blue	000-255	0-100%
228	RGB Panel 2 Pattern CTC	000-255	Pattern CTC
229	RGB Panel 2 Red 1	000-255	0-100%
230	RGB Panel 2 Red 1 fine	000-255	0-100%
231	RGB Panel 2 Green 1	000-255	0-100%
232	RGB Panel 2 Green 1 fine	000-255	0-100%
233	RGB Panel 2 Blue 1	000-255	0-100%
234	RGB Panel 2 Blue 1 fine	000-255	0-100%
...	...	...	...
259	RGB Panel 2 Red 6	000-255	0-100%
260	RGB Panel 2 Red 6 fine	000-255	0-100%
261	RGB Panel 2 Green 6	000-255	0-100%
262	RGB Panel 2 Green 6 fine	000-255	0-100%
263	RGB Panel 2 Blue 6	000-255	0-100%
264	RGB Panel 2 Blue 6 fine	000-255	0-100%
265	RGB Panels (1+2) Pattern Dimmer	000-255	0-100%
266	RGB Panels (1+2)	000-001	No function

	Pattern Selection	002-079	One pattern per value
		080-255	No function
267	RGB Panels (1+2) Pattern Selection Fade	000-255	Selection fade (fast->slow)
268	RGB Panels (1+2) Pattern Speed	000-124	Left to Right / Slow to fast
		125-130	No function
		131-249	Right to Left / Fast to slow
		250-255	No function
269	RGB Panels (1+2) Pattern Fade	000-255	Pattern fade (fast->slow)
270	Reserve	000-255	Reserve
271	RGB Panels (1+2) Pattern Red	000-255	0-100%
272	RGB Panels (1+2) Pattern Green	000-255	0-100%
273	RGB Panels (1+2) Pattern Blue	000-255	0-100%
274	RGB Panels (1+2) Pattern CTC	000-255	Pattern CTC
275	Device Settings (Hold 3s to activate)	000-019	No function
		020-024	Display Backlight On
		025-029	Display Backlight Off
		105-109	Fan Auto
		110-114	Fan Silent
		115-119	Fan Off
		120-124	Fan High Power
		130-134	Invert RGB Panel 1 Off
		135-139	Invert RGB Panel 1 On
		140-144	Invert RGB Panel 2 Off
		145-149	Invert RGB Panel 2 On
		150-154	Invert Centric Tube Off
		155-159	Invert Centric Tube On
		160-164	Invert Centric Tube 1 Off

		165-169	Invert Centric Tube 1 On
		170-174	Invert Centric Tube 2 Off
		175-179	Invert Centric Tube 2 On
		180-184	Invert Centric Tube 3 Off
		185-189	Invert Centric Tube 3 On
		190-194	Invert Centric Tube 4 Off
		195-199	Invert Centric Tube 4 On
		200-204	Swap RGB Panels Off
		205-209	Swap RGB Panels On
		240-244	Factory Reset

12. Control menu



MENU	Menu and return
DOWN	To go backward in the selected functions
UP	To go forward in the selected functions
ENTER	To confirm the selected functions

Note:

1. Screen lock password: Up Down Up Down
2. Press the Enter button to enter the menu
3. If there is no operation within 30 seconds, the interface will jump to the main menu
4. If the current mode is DMX mode, when there is no signal input, the screen will flash after no operation for a few seconds, and will not turn off the screen
5. When it's master mode, do not enter the screen saver

Set DMX Address:

1. Press "**MENU**" to unlock screen, then select the "**DMX Address**" and press "**ENTER**".
2. Showing "**Set DMX Address 001**", Press the "**UP** or **DOWN**" key to increase or decrease the DMX address value.
3. Press "**ENTER**" to save and Exit, Press "**Cancel**" does not save and Exit.

Level 1	Level 2	Description
DMX Address	DMX Address	001-512
DMX Channel Mode	15CH	
	39CH	
	71CH	
	112CH	
	209CH	
	178CH	
	275CH	
	16CH	
Dimming Mode	DIM1	
	DIM2	
	DIM3	
	DIM4	
	DIM5	
Mode Selection	DMX512	
	Manual	R/G/B/W [0~255]
	Auto	Auto 1~3
Network Settings	Set IP address	
	Set subnet mask	
	Set the Universe	
System Settings	Display mode	Always On/10s Off/20s Off/30s Off
	Screen Lock	On/Off
	Language	Language / 语言
	No Signal	Blackout / Hold
	Factory Reset	Yes / No
	Fan Mode	Auto / Silent / Off / High
	Screen Flip	No / Yes
System Information	Temperature	
	RDMUID	
	Version	

13. Specification

Lightsource

- Strobe Tube: 360 x 2W 6500K white leds
- Strobe Tube: 5 x 12 segments
- RGBW Panel: 432 x 2W RGBW 4in1 leds
- RGBW Panel: 2 x 6 segments

Control

- DMX Channel Modes: 15CH, 39CH, 71CH, 112CH, 209CH, 178CH, 275CH, 16CH
- Display: Illuminated graphic LCD
- Controls: 4 touch sensitive, backlighted controls
- Protocol: USITT DMX-512, RDM, ArtNet, sACN, Auto
- Cooling: Active, Forced Air, Temperature-regulated
- Thermal Protection: Automatic overtemperature protection

Connectors

- DMX I/O: Seetronic IP65 XLR 3-Pin or 5-Pin In&Out
- Power I/O: Seetronic PowerCON TRUE1 In&Out
- ArtNet I/O: Seetronic RJ45 In&Out

Operating Conditions

- Mains voltage: 100-240V AC / 50-60Hz
- Max power consumption 500W
- Temperature range, Operating: -40°C to 45°C

Mounting Options

- Mounting point by Yoke (included)
- Safety wire attachment: foldout eyelets

Shipping

Single fixture: cardboard

Tourpack: 4-way Flight Case

Housing Colors

Standard colors: black

Dimensions

Length: 420 mm

Width: 177 mm

Height (including handle): 249 mm

Weight

N.W: 10.2 kg G.W: 11.3 kg

Packing Size

54x30x23cm