USER MANUAL

NISAEA RGBW

SAFETY INSTRUCTIONS

CAUTION!

Be careful with your operations. With a dangerous voltage you can suffer a dangerous
electric shock when touching the wires!

Keep this device away from rain and moisture!

Unplug mains lead before opening the housing!

For your own safety, please read this user manual carefully before you initial start-up.

Features:

Four operation modes: DMX 512 protocol, auto and master/slave and sound active operating
in various modes to form different led effects

DMX-512 connection / connection between fixtures

Occupation of the XLR-connection:

If you are using controllers with this occupation, you can connect the DMX-output of the
controller directly with the DMX-input of the first fixture in the DMX-chain. If you wish to
connect DMX-controllers with other XLR-outputs, you need to use adapter-cables.

Building a serial DMX-chain:

Connect the DMX-output of the first fixture in the DMX-chain with the DMX-input of the next
fixture. Always connect one output with the input of the next fixture until all fixtures are
connected.

Caution: At the last fixture, the DMX-cable has to be terminated with a terminator. Solder a
120 resistor between Signal (–) and Signal (+) into a 3-pin XLR-plug and plug it in the
DMX-output of the last fixture.

Connection with the mains

Connect the device to the mains with the enclosed power supply cable.

OPERATION

1. DMX 512 protocol

Addressing

The LED DISPLAY on the rear side of the base allows you to assign the DMX fixture address,
which is defined as the first channel from which the item will respond to the controller. If you
set, for example, the address to channel 7, the item will use the channel 7 to 14 for control.
Please, be sure that you don't have any overlapping channels in order to control each item
correctly and independently from any other fixture on the DMX data link. If two, three or more
items are addressed similarly, they will work similarly. At DMX mode you can choose the
address from 1 to 512.After you connect the item to the mains, the item starts running. When
the item finishes resetting, d-OO1 will flash in the led display and then set the desired DMX
address by pressing the UP or DOWN buttons.

DMX Controlling:

After having addressed all items, you may now start operating these via your lighting controller. After switching on, the item will automatically detect whether DMX 512 data is received or not.

NINE DMX channels:

Channel 1: red from small to big brightness(dimmig)

Channel 2: green from small to big brightness(dimmig)

Channel 3: blue from small to big brightness(dimmig)

Channel 4: white from small to big brightness(dimmig)

Channel 5: master dimmer from small to full brightness

Channel 6: strobe from slow to fast

Channel 7: dimmer,color macro

0-30   dimmer on at ch1/ch2/ch3/ch4

31-255   color macro, the brightness can be adjusted by the master dimmer at ch4

Channel 8: dimmer, increasing brightness, then decreasing brightness,

              colors following one by one

0-85   dimmer on at ch1/ch2/ch3/ch4

86-169   increasing brightness, then decreasing brightness, the running speed can be

              adjusted by ch8

170-255   color following one by one, the running speed can be adjusted by ch8

Channel 9: running speed adjustments

When ch7 at 86-169 or at 170-255, the speed adjustment works

2. Sound active

Press the FUN button, till BEAE shows in the led display, confirm by the the button ENTER, then the item will run to the beat of music.

3.auto

Press the FUN button, the following functions can be achieved by the button ENTER:

AUTO: run the preset shows;

CF00: increasing brightness, then decreasing brightness, the speed of increasing brightness, then decreasing brightness can be adjusted by the buttons of UP and DOWN from 00 slowest to 99 fastest.

CCO8: color changes, the speed of color changes can be adjusted by the buttons of UP and DOWN from 00 slowest to 99 fastest.

CS99: color selections, the color selections can be done by the buttons of UP and DOWN from 00 to 99.

R000: press the button FUN five seconds, till R000 shows in the led display, the red color brightness can be adjusted by the buttons UP or DOWN;

G000: press the button FUN five seconds, till G000 shows in the led display, the green color brightness can be adjusted by the buttons UP or DOWN;

B000: press the button FUN five seconds, till B000 shows in the led display, the blue color brightness can be adjusted by the buttons UP or DOWN;

W000: press the button FUN five seconds, till W000 shows in the led display, the white color brightness can be adjusted by the buttons UP or DOWN;

4. Synchronization & master /slave mode

Take one item and set the item at sound active, or auto as above, then get other items and press the button FUN, till SUB shows in the led display, confirm by the button of ENTER, then connect the items to the item at auto/sound active already set by DMX cables, disconnect the items from DMX controller, the items will wok symtaneously, the item at auto/sound active as master, the others as slave.

TECHNICAL SPECIFICATIONS

Power supply: 90-240V AC 50/60Hz
Power consumption:72W
DMX-control-channels:9
DMX-512-connection: 3-pin XLR
Number of LED: 7 high MCD RGBW four in one 8W LED total 56W
25° beam angle
Dimensions: 255*275*100mm
Weight:1.80kgs

Please note: Every information is subject to change without prior notice.