Intermezzo 3in1 Effekt

INDOOR LED BAR

USER MANUAL

CE   RoHS
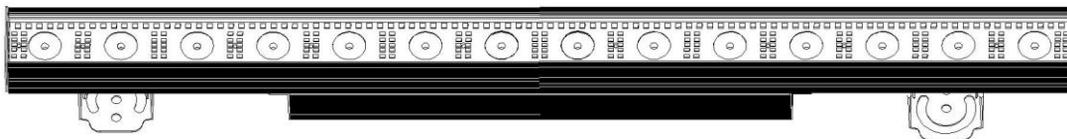
KEEP THIS MANUAL FOR FUTURE NEEDS

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Caution!

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

- Avoid looking directly into the light source!

- Keep this device away from rain and moisture!

- Make sure it is grounded when using it!

- Unplug mains lead before opening the housing!

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

- Every person involved with the installation, operation and maintenance of this device has to

- be qualified

- follow the instructions of this manual

Introduction

Thank you for having chosen Intermezzo Indoor Bar. You will see you acquired a powerful and versatile device. Unpack your item. Before you initial start-up, please make sure that there is no damage caused by transportation. Should there be any, consult your dealer and do not use the device.

Safety instructions

This device has left our premises in absolutely perfect condition. In order to maintain this condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this user manual. Always disconnect from the mains, when the device is not in use or before cleaning it. Keep away children and amateurs from the device! There are no serviceable parts inside the device. Maintenance and service operations are only to be carried out by authorized dealers.

Installation

On the rear panel of the item you can find an 3pin XLR-jack (**DMX OUT**) and an 3pin XLR-plug (**DMX IN**), which can be used for connecting several devices. Choose the device which is to control the effects. Connect the **DMX OUT**-jack with the **DMX IN**-plug of the next device.

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.

DMX-512 connection with DMX terminator

For installations where the DMX cable has to run a long distance or is in an electrically noisy environment, such as in a discotheque, it is recommended to use a DMX terminator. This helps in preventing corruption of the digital control signal by electrical noise. The DMX terminator is simply an XLR plug with a 120 resistor connected between pins 2 and 3, which is then plugged into the output XLR socket of the last fixture in the chain. Please see illustrations below.
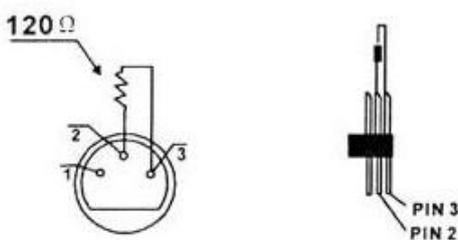
Caution: At the last fixture, the DMX-cable has to be terminated with a terminator. Solder a 120 resistor between Signal (–) and Signal (+) into a 3-pin XLR-plug and plug it in the DMX-output of the last fixture.

Connection with the mains

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

Control menu map

Mode	Programming		Description
DMX mode	Addr	37CH	d001-d476
		34CH	d001-d479
		5 CH	d001-d508
		2 CH	d001-d511
Static colors	StAt	CL00-CL20	RGB static color
Show	Shou	Sh 1-7	Program Show 1-7
		Sp 1-9	Program Speed 1-9 (sow->fast)
		St 0-9	Program Flash 0-9 (sow->fast)

Sound Mode	Soud	So 1-4		Sound Program show 1-4
		Sen1-9		Mic Sensitivity
Edit color	Colo	r000-255		Red (0-100%)
		g000-255		Green (0-100%)
		b000-255		Blue (0-100%)
		U000-255		14 cree LED (0-100%)
		S000-255		5730 SMD (0-100%)
		St 0 – St 9		LED Strobe (slow->fast)
Slave	SLAV	Slave		Slave
Infrared	InFr	on/oFF		Enable or Disenable IR remote(no IR function)
Information	Info	ver	VVxx	Soft version
Direction set	dir	--->		Set to the right
		<---		Set to the left

Operation

Projector DMX starting address selection

All fixtures should be given a DMX starting address when using a DMX signal, so that the correct fixture responds to the correct control signals. This digital starting address is the channel number from which the fixture starts to listen to the digital control information sent out from the DMX controller. The allocation of this starting address is achieved by setting the correct number on the display located on the base of the device.

You can set the same starting address for all fixtures or a group of fixtures, or make different address for each fixture individually.

If you set the same address, all the units will start to listen to the same control signal from the same channel number. In other words, changing the settings of one channel will affect all the fixtures simultaneously.

If you set a different address, each unit will start to listen to the channel number you have set, based on the quantity of control channels of the unit. That means changing the settings of one channel will affect only the selected fixture.

Control Board

The Control Board offers several features: you can simply set the starting address, run the pre-programmed program or make a reset.

The main menu is accessed by pressing the **Mode**-button until the display starts flashing. Browse through the menu by pressing the **Up**-button or **Down**-button. Press the **Enter**-button in order to select the desired menu. You can change the selection by pressing the Up-button or Down-button. Confirm every selection by pressing the **Enter**-button. You can leave every mode by pressing the **Mode**-button. The functions provided are described in the following sections.

DMX Protocol

37 Channel mode	Function	Function Control
CH1	0-255	CREE-LED1 (0-100%)
CH2	0-255	CREE-LED2 (0-100%)
CH3	0-255	CREE-LED3 (0-100%)
CH4	0-255	CREE-LED4 (0-100%)
CH5	0-255	CREE-LED5 (0-100%)
CH6	0-255	CREE-LED6 (0-100%)
CH7	0-255	CREE-LED7 (0-100%)
CH8	0-255	CREE-LED8 (0-100%)
CH9	0-255	CREE-LED9 (0-100%)
CH10	0-255	CREE-LED10 (0-100%)
CH11	0-255	CREE-LED11 (0-100%)
CH12	0-255	CREE-LED12 (0-100%)
CH13	0-255	CREE-LED13 (0-100%)
CH14	0-255	CREE-LED14 (0-100%)
CH15	0-255	5050-RGB Red1 (0-100%)
CH16	0-255	5050-RGB Green1 (0-100%)
CH17	0-255	5050-RGB Blue1 (0-100%)
CH18	0-255	5050-RGB Red2 (0-100%)
CH19	0-255	5050-RGB Green2 (0-100%)
CH20	0-255	5050-RGB Blue2 (0-100%)
CH21	0-255	5050-RGB Red3 (0-100%)
CH22	0-255	5050-RGB Green3 (0-100%)
CH23	0-255	5050-RGB Blue3 (0-100%)
CH24	0-255	5050-RGB Red4 (0-100%)
CH25	0-255	5050-RGB Green4 (0-100%)
CH26	0-255	5050-RGB Blue4 (0-100%)
CH27	0-255	5050-RGB Red5 (0-100%)
CH28	0-255	5050-RGB Green5 (0-100%)
CH29	0-255	5050-RGB Blue5 (0-100%)
CH30	0-255	5730-SMD1 (0-100%)
CH31	0-255	5730-SMD2 (0-100%)
CH32	0-255	5730-SMD3 (0-100%)
CH33	0-255	5730-SMD4 (0-100%)
CH34	0-255	5730-SMD5 (0-100%)
	0-9	No Function

CH35	10-34	DMX Auto program1 (Random)	
	45-79	DMX Auto program2 (14-W+5050-RGB)	
	80-114	DMX Auto program3 (14-W+5730-SMD)	
	115-149	DMX Auto program4 (5050-RGB+5730-SMD)	
	150-184	DMX Auto program5 (14-W)	
	185-219	DMX Auto program6 (5050-RGB)	
	220-254	DMX Auto program7 (5730-RGB)	
	255	DMX Sound program	
CH36	0-255	DMX Auto Program Speed(Slow->fast)	
CH37	0-9	No Function	Strobe
	10-255	Slow->Fast	

34 Channel mode	Function	Function Control
CH1	0-255	CREE-LED1 (0-100%)
CH2	0-255	CREE-LED2 (0-100%)
CH3	0-255	CREE-LED3 (0-100%)
CH4	0-255	CREE-LED4 (0-100%)
CH5	0-255	CREE-LED5 (0-100%)
CH6	0-255	CREE-LED6 (0-100%)
CH7	0-255	CREE-LED7 (0-100%)
CH8	0-255	CREE-LED8 (0-100%)
CH9	0-255	CREE-LED9 (0-100%)
CH10	0-255	CREE-LED10 (0-100%)
CH11	0-255	CREE-LED11 (0-100%)
CH12	0-255	CREE-LED12 (0-100%)
CH13	0-255	CREE-LED13 (0-100%)
CH14	0-255	CREE-LED14 (0-100%)
CH15	0-255	5050-RGB Red1 (0-100%)
CH16	0-255	5050-RGB Green1 (0-100%)
CH17	0-255	5050-RGB Blue1 (0-100%)
CH18	0-255	5050-RGB Red2 (0-100%)
CH19	0-255	5050-RGB Green2 (0-100%)
CH20	0-255	5050-RGB Blue2 (0-100%)
CH21	0-255	5050-RGB Red3 (0-100%)
CH22	0-255	5050-RGB Green3 (0-100%)
CH23	0-255	5050-RGB Blue3 (0-100%)

	0-255	5050-RGB Red4 (0-100%)
CH24	0-255	5050-RGB Red4 (0-100%)
CH25	0-255	5050-RGB Green4 (0-100%)
CH26	0-255	5050-RGB Blue4 (0-100%)
CH27	0-255	5050-RGB Red5 (0-100%)
CH28	0-255	5050-RGB Green5 (0-100%)
CH29	0-255	5050-RGB Blue5 (0-100%)
CH30	0-255	5730-SMD1 (0-100%)
CH31	0-255	5730-SMD2 (0-100%)
CH32	0-255	5730-SMD3 (0-100%)
CH33	0-255	5730-SMD4 (0-100%)
CH34	0-255	5730-SMD5 (0-100%)

5 Channel mode	Function	Function Control	
CH1	0-9	Cree LED OFF	
	10-19	(ALL LED ON)　CH4 Dimmer(0-100%)	Cree 14W Led program
	20-29	Cree Led program1	
	30-39	Cree Led program2	
	40-49	Cree Led program3	
	50-59	Cree Led program4	
	60-69	Cree Led program5	
	70-79	Cree Led program6	
	80-89	Cree Led program7	
	90-99	Cree Led program8	
	100-109	Cree Led program9	
	110-119	Cree Led program10	
	120-129	Cree Led program11	
	130-139	Cree Led program12	
	140-149	Cree Led program13	
	150-159	Cree Led program14	
	160-169	Cree Led program15	
	170-179	Cree Led program16	
	180-189	Cree Led program17	
	190-199	Cree Led program18	
	200-209	Cree Led program19	
	210-219	Cree Led program20	
	220-229	Cree Led program21	
	230-239	Cree Led program22	
	240-55	Cree Led program23	
	0-9	5050-RGB OFF	
	10-31	(All 5050-RGB On)　CH4	

		Dimmer(0-100%)	
CH2	32—53	5050-RGB program1	5050-RGB program
	54—75	5050-RGB program2	
	76-97	5050-RGB program3	
	98-119	5050-RGB program4	
	120-141	5050-RGB program5	
	142-163	5050-RGB program6	
	164-185	5050-RGB program7	
	186-207	5050-RGB program8	
	208-229	5050-RGB program9	
	230-251	5050-RGB program10	
	252-255	5050-RGB program11	
CH3	0-9	5730-SMD OFF	
	10-27	(All 5730-smd On) CH4 Dimmer(0-100%)	5730-SMD program
	28-45	5730-SMD program1	
	46-63	5730-SMD program2	
	64-81	5730-SMD program3	
	82-99	5730-SMD program4	
	100-117	5730-SMD program5	
	118-135	5730-SMD program6	
	136-153	5730-SMD program7	
	154-171	5730-SMD program8	
	172-189	5730-SMD program9	
	190-207	5730-SMD program10	
	208-225	5730-SMD program11	
	226-243	5730-SMD program12	
	244-255	5730-SMD program13	
CH4	0-255	Program speed(Slow->Fast)	
CH5	0-9	No Function	strobe
	10-255	Slow->Fast	

2 Channel mode	Function	Function Control	
CH1	0-9	Blackout	
	10-34	DMX Auto program1 (Random)	
	45-79	DMX Auto program2 (14-W+5050-RGB)	
	80-114	DMX Auto program3 (14-W+5730-SMD)	
	115-149	DMX Auto program4 (5050-RGB+5730-SMD)	
	150-184	DMX Auto program5 (14-W)	
	185-219	DMX Auto program6 (5050-RGB)	
	220-254	DMX Auto program7 (5730-RGB)	
	255	DMX Sound program	
CH2	0-255	DMX Auto Program Speed(Slow->fast)	

Set DMX address

Display the DMX 512 value of each channel. With this function you can display the DMX 512 value of each channel. The display automatically shows the channel with a value changing.

Auto Program

With this function, you can run the internal program. You can select the desired program under. You can set the number of steps under. You can edit the individual scenes under. With this function, you can run the individual scenes either automatically, i.e. with the adjusted Step-Time.

Specifications

● Physical
  ○ Length: 1000MM(39.3")
  ○ Width: 66MM(2.5")
  ○ Height: 125MM(4.9")
  ○ Weight: 3.8kg(8.37lb) without accessories
● Dynamic effects
  ○ Color: Warm white; RGB; Cool white
  ○ Color temperature: CTO, 7600K
  ○ Electronic dimming : 0-100% linear dimming
● Control and Programming
  ○ Control option modes: DMX512, stand alone, Master-Slave, Sound control
  ○ DMX channels: 2/5/34/37CH
  ○ Addressing and setting: control panel with digital display
● Optics
  ○ Light source: (outside) 120pcs RGB SMDs
                  (center) 14*3w CREE warm white beam
                  (strobe) 180pcs cool white SMDs
  ○ Minimum LED lifetime: 50,000 hours
  ○ Manufacturer's figure obtained under manufacturer's test conditions
● Construction
  ○ Color: black
  ○ IP rate: IP20
● Installation
  ○ Mounting: Adjustment bracket, surface or truss mount
  ○ Orientation: Any

- ○ Location: Indoor use
- ● Connections
  - ○ AC power in/through: Powercon in/out
  - ○ DMX data in/through: 3-pin XLR
  - ○ @220V： connect 8 pieces light

    @110V: connect 4 pieces light

- ● Electrical
  - ○ AC power in/through: 100-240v nominal, 50/60 Hz
  - ○ Rated power: 100W
- ● Thermal
  - ○ Cooling System: Aluminum housing, no noise
  - ○ Temperature: Max ambient 40 degree
- ● Included items
  - ○ Power cable 1.5m (4.9')
  - ○ User Manual