WI-DMX WIRELESS TRANSCEIVER

MANUAL

V1.1

Thank you for purchasing our company products. Please read these instructions carefully to enjoy optimum performance and a longer service life before you start to use.

CONTENTS

UNPACKING INSPECTIONS

Unpacking instructions
- Please unpack the carton and check the goods carefully when you receive it , if discover packing damage, shortage or quality problem, please notify the shipper and reject the goods.
- Before using this product, please read the instructions carefully and keep it in a safe place for future reference.
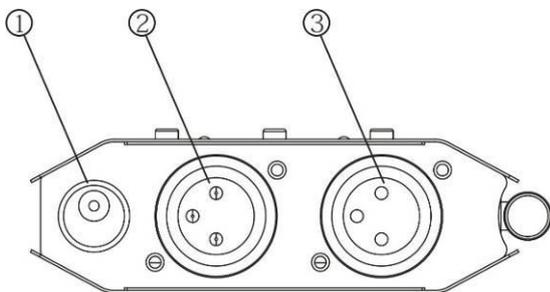
Checking the contents of the carton:
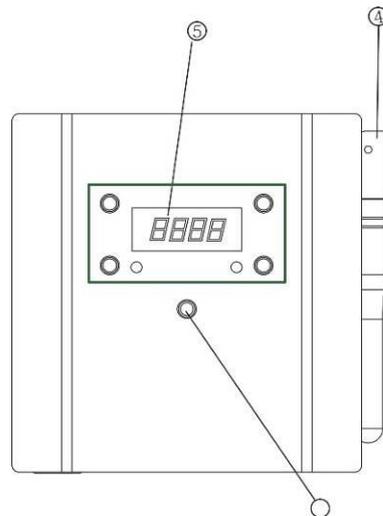The product, Adapter, Instruction Manual

SAFETY INSTRUCTIONS

- The product is used indoor only.
- Never clean the fixture with water, thinner or other dissolved agent.
- Never put tiny metal objects such as a screwdriver, iron wire and coins, etc. into the internal or stretch into the machine in case of short circuit .
- Please make sure to connect the proper voltage and do not higher or lower than that stated on the decal or rear panel of the product .
- Stop using the product once there is sparks when connecting with the power plug .
- Can not operate product with wet hands and never place it near the water or other liquid.
- Make sure there are no flammable materials close to the fixture while operating . Always install it in a location with adequate ventilation.
- The ambient temperature is no more than 40°C(104°F) .
- Never clean the fixture by water, thinner or other dissolved agent.
- With receive and transmit function, it can be used within 250 meters in the clearing field.

PRODUCT OVERVIEW

1. Power input (9V DC)
2. DMX signal input
3. DMX signal output
4. Antenna
5. Control Panel
6. Auto button

FUNCTIONS INTRODUCTIONS

Main Functions

- Two kinds of working ways, auto frequency selection and manual frequency selection.
- With receive and transmit functions and 16 working frequencies.
- Can receive and transmit signal wirelessly

OPERATION INSTRUCTIONS

Comparison between channel and frequency

Channel	Frequency	Channel	Frequency
001	2.4330 GHz	009	2.4586 GHz
002	2.4362 GHz	010	2.4618 GHz
003	2.4394 GHz	011	2.4650 GHz
004	2.4426 GHz	012	2.4682 GHz
005	2.4458 GHz	013	2.4714 GHz
006	2.4490 GHz	014	2.4746 GHz
007	2.4522 GHz	015	2.4778 GHz
008	2.4554 GHz	016	2.4810 GHz

Operating

Input power 9V DC
The functions of the controller are shown by different buttons.

Manual frequency selection

Mode selection

Press the button of <mode> and <txxx> is for transmit.
Press <mode> again and <rxxx> is for receive.

Frequency band selection

In the frequency band selection, press <UP> to increase working frequency while <DOWN> to decrease, optional frequency is from 001 to 016, at last press <ENTER> after choosing.

Note:

Set one controller as a transmitter and the other as a receiver, they can work in pairs as long as the same frequency is set between them. Also you can make many controllers as receivers and one as a transmitter, they can work as long as the same frequency is set among them.

Auto frequency selection

Mode selection

Press the button <Auto> on the panel and <t.-AU>for transmit, and then press <Auto> , <r.-AU> for receive.

Auto frequency selection

Set one controller as a transmitter and the other as a receiver, press the button <AUTO> on the panel of the transmitter until the signal of the receiver flashes, which means the frequencies of the two fixtures have already matched successfully. With memory save functions, if the matching data is not

removed, the two fixtures can match to work all the time.
Cancel matching

Press the button <AUTO> on the panel of the receiver until the signal indicator does not flash, which means the matching data have been cancelled. So they can work to match with other controllers.

Match with multiple group
Match a group of controllers firstly when you make many groups match to work. (Disconnect the power supply of others and only keep one group), and then turn on another group, never power on for matching at the same time. You can power off for the already matched fixtures and you can also make them not power off.

One transmitter and multiple receivers
Set one controller as a transmitter and the others as receivers, match the transmitter with one receiver firstly and then power off the receiver after matching, match another receiver with the transmitter, so one transmitter can work with multiple receivers after finishing matching.

Note: Make sure the distance of the two controllers is between 0.6 and 10 meters when matching and they can be used far away after matching successfully.
With memory save functions, the work mode and frequency band are kept before power off.

Functions for 3-pin male and female connectors
DMX512 signal input /output
1: DMX Signal coverage, 2: DMX signal, 3: DMX signal +

LED Function

Power: Power Indicator
Signal: Signal Indicator

MAINTENANCE
The unit should be cleaned periodically to ensure the optimum performance, the smudginess can decrease the life of light and the output of light is affected by the dust which can make the machine overheating. Be sure to power off the unit before cleaning. Do not clean until the unit recovers normal temperature since high temperature for using, use the lens tissue or soft cotton cloth with alcohol to wipe gently. Cleaning frequency depends on the environment in which the fixture operates, damp, smoky or dirty surrounding can cause greater accumulation of dirt on the optics. Never rub or press strongly on the panel.

SPECIFICATION
Voltage Adapter........................ 100-240V AC 50/60Hz
Voltage.. 9VDC / 500mA
Power.. 4.5W
Wireless DMX frequency ....2.433GHz – 2.481GHz
Distance:...................... R-T signal far from 250 meters
Weight...0.28kg
Size..L102 x W100 x H32mm

CE This Class-I 2.4GHz equipment can be placed on the EU market without restrictions.

Deze klasse-I 863-865MHz apparatuur kan op de EU markt zonder beperkingen worden gebruikt.

Diese Klasse-I 863-865MHz Ausrüstung kann auf dem EU Markt ohne Einschränkungen verwendet werden.

beamZ PROFESSIONAL

CE & R&TTE DECLARATION OF CONFORMITY

Importer:	TRONIOS BV
	Bedrijvenpark Twente 415
	7602 KM - ALMELO
Tel :	0031546589299
Fax :	0031546589298
	The Netherlands
Product number:	**154.070**
Product Description:	Beamz, Wi-DMX Wireless Transceiver 2.4GHz
Regulatory Requirement:	EN 60950-1:2006+A1:2010
	EN 301489-1 V1.8.1
	EN 301489-3 V1.4.1
	EN 300440-1 V1.6.1
	EN 300440-2 V1.4.1

The product meets the requirements stated in Directives 2006/95 and 2004/108/EC and 1999/5/EC and conforms to the above mentioned Declarations.

Almelo,

10-03-2012

Signed :

P. Feldman

Specifications and design are subject to change without prior notice..

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