



# TRANSMITTER

PR-4500

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

PR LIGHTING LTD.  
<http://www.pr-lighting.com>

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Please note that as part of our ongoing commitment to continuous product development, specifications are subject to change without notice. Whilst every care is taken in the preparation of this manual we reserve the right to change specifications in the course of product improvement. The publishers cannot be held responsible for the accuracy of the information herein, or any consequence arising from them.

Every unit is tested completely and packed properly by the manufacturer. Please make sure the packing and / or the unit are in good condition before installation and use. Should there be any damage caused by transportation, consult your dealer and do not use the unit. Any damage caused by improper use will not be assumed by the manufacturer and / or dealer.

## ACCESSORIES

These items are packed together with the transmitter:

Name	Quantity	Unit	Remark
External power adapter	1	Pc	
This manual	1	Pc	

## SAFE USAGE OF THE DEVICE

When unpacking and before disposing of the carton check there is no transportation damage before using the transmitter. Should there be any damage caused by transportation, consult your dealer and do not use the apparatus.

The transmitter is for indoor use only, IP20. Use only in dry locations. Keep this device away from rain and moisture, excessive heat, humidity and dust. Do not allow contact with water or any other liquids.

The transmitter is only intended for installation, operation and maintenance by qualified personnel.

Do not attempt to dismantle and/or modify the transmitter in any way.

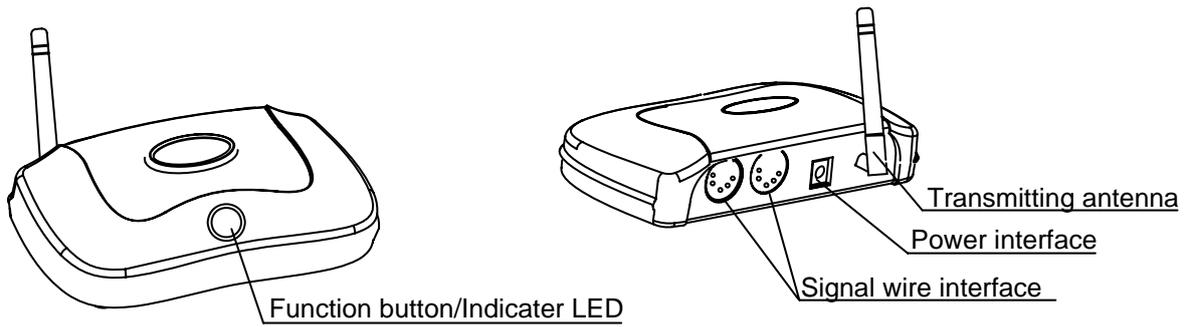
Electrical connection must only be carried out by qualified personnel.

Before installation, ensure that the voltage and frequency of power supply match the power requirements of the transmitter.

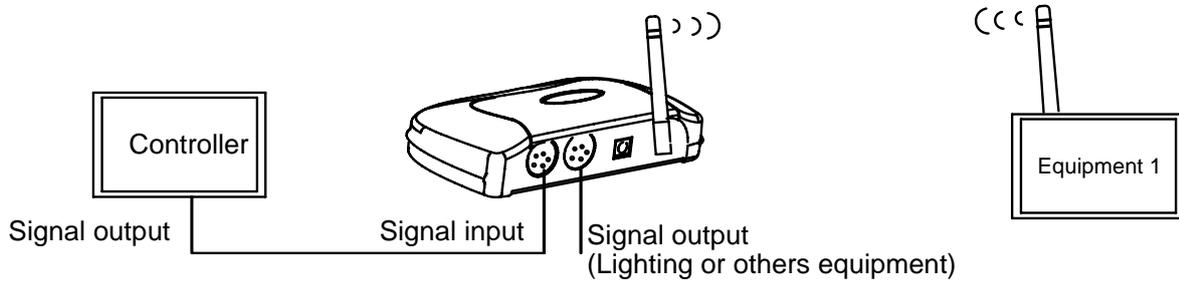
Make sure that the power-cord is never crimped or damaged by sharp edges. Never let the power-cord come into contact with other cables. Only handle the power-cord by the plug. Never pull out the plug by tugging the power-cord.

If you have any questions, don't hesitate to consult your dealer or manufacturer.

## PRODUCT STRUCTURE



## CONTROL CONNECTION



Connect the controller's DMX output to the DMX input of the transmitter. Connect the transmitter's output to any other transmitter input or other equipment input.

## SET TRANSMITTER'S FUNCTION

BUTTON OPERATION	BUTTON FUNCTION
Do not press	Idle/ Normal operation
Momentary (Closure for >100mS-3S)	Add receivers
Press button for a long time (Closure for >3S)	Unlink all receivers

## LED INDICATION

Continuously On	DMX present
On 900ms / Off 100ms	No DMX present
On 100ms / Off 100ms	Linking receivers
On 500ms / Off 500ms	Unlinking all linked receivers

## EXAMPLE INSTRUCTION

### ◆ Remove paired receiver from transmitter:

1. To remove the pairing of one single wireless receiver from the transmitter: This is easiest to accomplish from the operation menu of the lighting fixture or by holding the pair/unpaired button on the lighting fixture.
2. To remove the wireless signal from all paired receivers: Press the button on the transmitter for a few seconds until green LED turns off. When the LED goes out, it shows that all paired devices have been removed.

### ◆ Add wireless receivers to transmitter:

Insure that the receiver to be paired is not paired with another transmitter. If the receiver is paired with another transmitter, remove the pairing using the steps 1 or 2 above. Then create a new pairing in accordance with the following description.

#### 1) Pair between transmitter and wireless signal of one light.

Power on the transmitter and the receiver to be paired. Press the button on the transmitter to add receivers. At this time you will see the green indicator LED on the transmitter begins to flash. The pairing between receiver and transmitter has been completed when the receivers indicator LED turns on or starts to flash.

#### 2) Pair between transmitter and wireless signal of multiple lights.

Power on the transmitter and the receiver to be paired. Press the button on the transmitter to add receivers. At this time you will see the green indicator LED on the transmitter begins to flash. The pairing between receiver and transmitter has been completed when the receivers' indicator LED turns on or starts to flash.

## MAINTENANCE

**Any maintenance work should only be carried out by qualified technicians.**

## TECHNICAL DATA

**POWER ADAPTER INPUT VOLTAGES:**

100-240V AC, 50/60Hz

**POWER ADAPTER OUTPUT VOLTAGES:**

9V DC

**POWER CONSUMPTION:**

MAX 9W

**TRANSMISSION DISTANCE:**

700m (Barrier-free)

**Maximum number of units on the DMX bus**

32

**CONTROL MODE:**

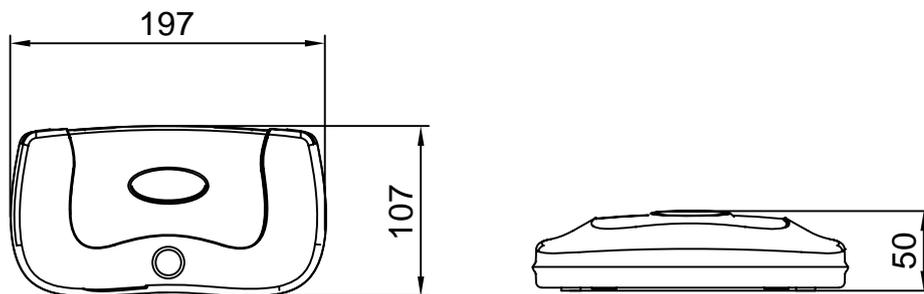
DMX512, 5-Pin interface

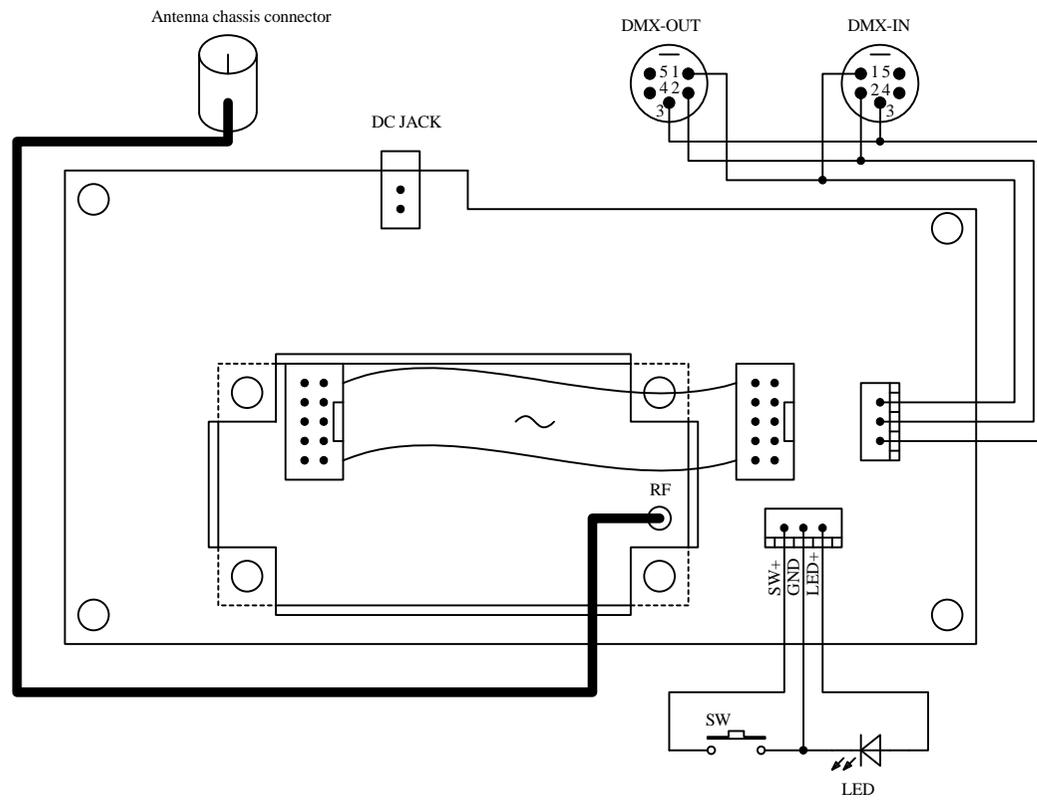
**HOUSING:**

Composite plastic, IP20

**WEIGHT:**

0.4kg

**SIZES:**



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