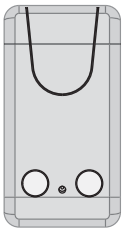
LUXMANN
Products for fine living

Model No. RI-AC001A(USA)

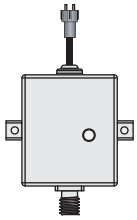
WIRELESS CONTROLLER USER GUIDE

Packaging list



Emitter x1

M4x20mm x2



Receiver x1

INSTRUCTION SHEET x1

Dear customer,

Congratulations on your purchase of Luxmann garden lighting products.
To ensure with the best performance for the wireless controller, please run through with this instruction & save it for the future use.
Replacement parts may be ordered by the model no. or its name.

WARNING - RISK OF FIRE
If installation involves running wiring through a building structure, special wiring methods are needed. Please consult with a qualified electrician.

Important safety information pertaining to risk of fire or injury to persons.

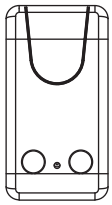
- This is not a toy.
- There are no serviceable parts inside this receiver & emitter, please do not disassemble.
- Input voltage for the receiver is 12V AC.
- Output maximium power of the receiver 12V 60W
- Receiver is suitable for wet location.
- DC battery power for emitter is 23A 12V.
- Transformer input 120V 60Hz output 12V 60Hz 60VA minimium (optional).
- Outdoor use type SPT2-W 18AWG main cable with (optional) connectors.

1.The instruction will detail as the following :

1/ The information of wireless controller.
2/ Installation of receiver.
3/ Emitter operation.
4/ Trouble shooting.

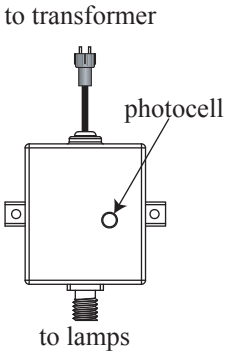
1.The information of wireless controller

A/ RN-00001x emitter



1/ Operating frequency of the emitter is 433.92M, use with Surface Acoustic Wave (SAW) stabilize frequency – a high quality of stabilization frequency, frequency excursion within 3ppm / °C at -25°C to 85 °C environment.
2/ Can be worked under 6V – 12V operating voltage with the receiver built-in module all together stably.
3/ Use with PT2264 integrated circuit.

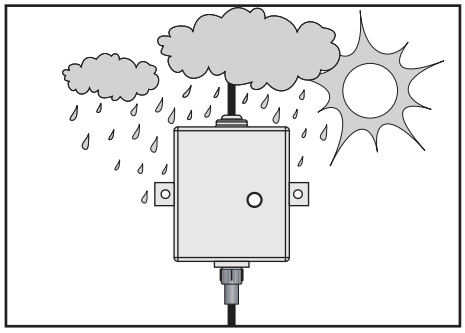
B/ RA-00001x receiver



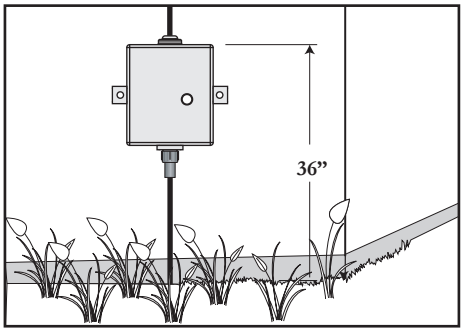
With built in photocell device which can be control the light remain at off status during day time at preset lumen (by factory), even the emitter had sent the signal to the receiver ; this device use as the energy saving function.

2. Installation of receiver

A. Determine a location for the receiver

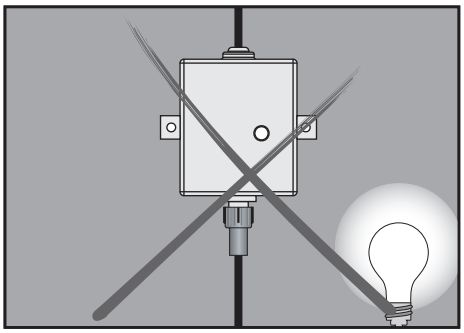


1/ Receiver is weather proof.



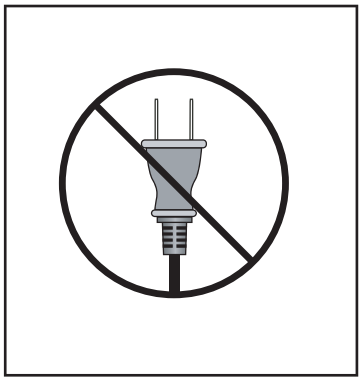
2/ At a minimum of 36” from the ground, receiver must be visible & accessible.

3/ Do not install behind shrubs, to prevent it effect with the photocell on the receiver operates.

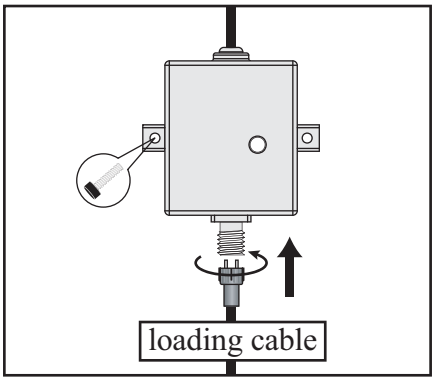


3/ Receiver will not work properly if installed too close to a light source.

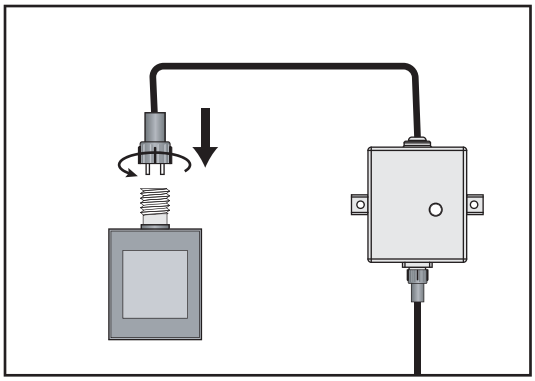
B. Receiver connection



1/ Make sure all power had been cut off.



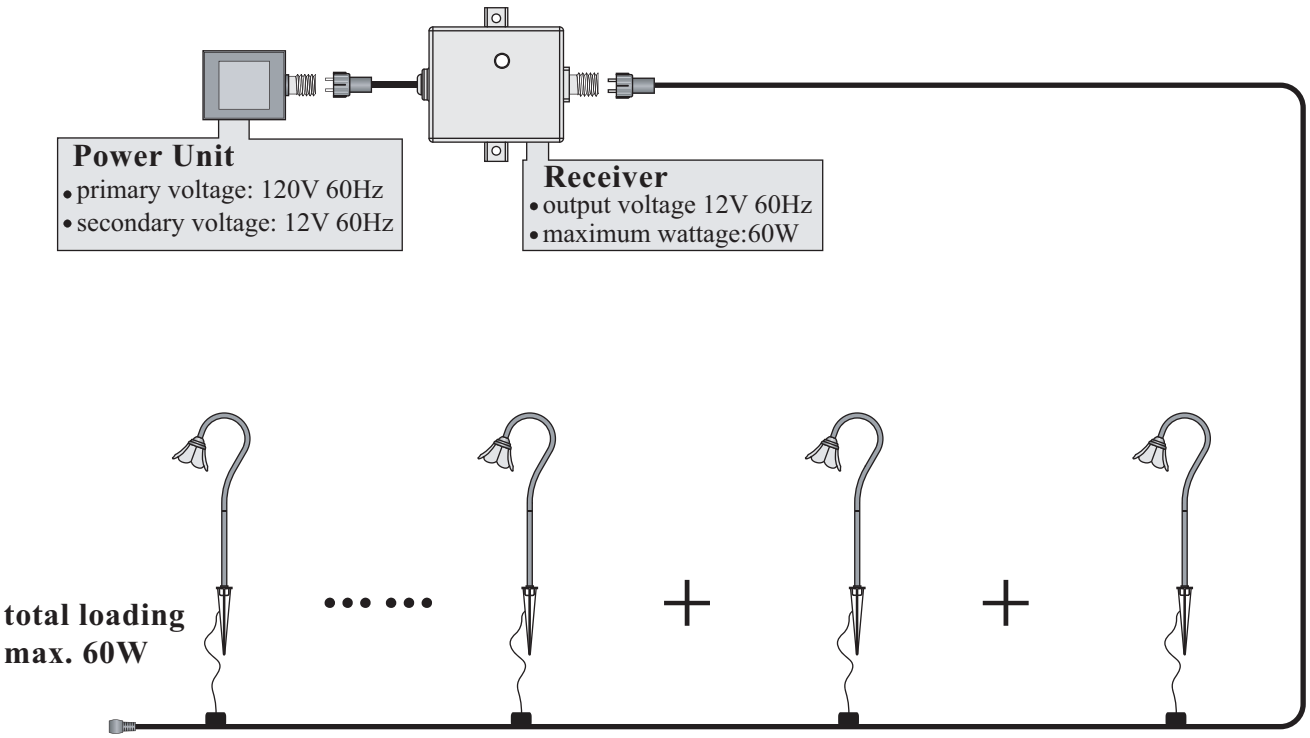
2/ Mount the receiver at the location by the screws. Plug the male plug of the main cable (optional) for the loading to the receiver's socket and screwed it tightlywith the cap.



3/ Plug the male plug of the receiver's cable to the transformer's (optional)socket and screwed it tightly with the cap.

C. Lighting system

After the set up with receiver, make sure the lighting connection are O.K. before to turn on the electric power ! system diagram reference showed as below.



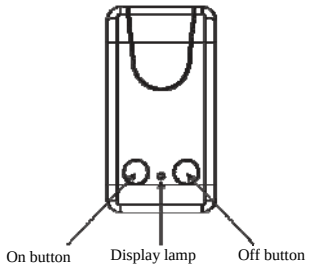
3. Emitter operation

Control panel

1/ On button- push once to control the lighting turn on.

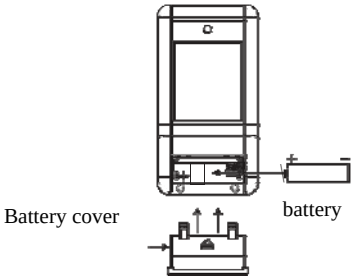
2/ Off button- push once to control the lighting turn off

3/ Display lamp- as indicator for the signal when push the button.



Battery replacement

1/ Remove with the battery cover on the emitter back.
2/ Replace with a new 23A 12V battery.
3/ Make sure the battery terminal is placed at the right position connect with the emitter's contact.
4/ Put back with the cover on the emitter back.



Emitter underside

4. Trouble shooting

Battery energy lost quickly	To save the battery energy, always push the button on the emitter with once; don't push with continuously.
Emitter don't work	After normally working with a long period, if the emitter seem don't work properly, change with a new 23A 12V battery.
Lighting on at day time	Be sure that the photocell on the receiver hasn't cover by other object (i.e. shrubs).
Lighting off at the dark	Be sure that the photocell hasn't effected by other light source.