AN144 SCREW-IN ON/OFF MODULE

The AN144 Screw-in On/Off Module is a transceiver which belongs to the member of UNet series and is fully compatible with any UNet enabled devices. The connected light bulb can either be turned On/Off remotely by receiving RF signal emitted from compatible UNet devices or manual override.

Initial Power Up & Installation

As soon as the light bulb is screwed into the lamp holder, the LED on the Module will be flashing slowly. This implies that the Module does not memorize any ID code and cannot work with UNet enabled devices. However, pressing the On/Off knob will control directly the On/Off status of the connected incandescent lamp without using the Wireless Controller.

(1) Turn off the wall switch on the wall or mains power supply.

(2) There are three types of lamp caps – B22, E26, E27. Choose whichever suits you most.

(3) The Module is designed for ceiling mounting. Fit the Module into the existing lamp cap.

(4) Place the light bulb into the lamp holder (Fig. 1).

Note: To prevent the Module from being damaged by heat, please…

※ Don't screw Module in an airtight environment/lamp stand.

※ Don't screw tungsten bulb into the Module.

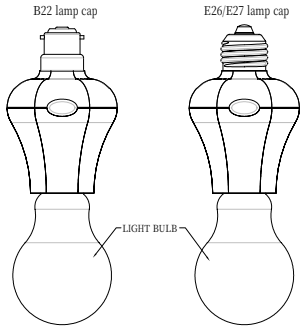


Fig. 1

Learning the ID Code

(1) In the front cover, there is an On/Off knob with LED indicator (Fig. 2).

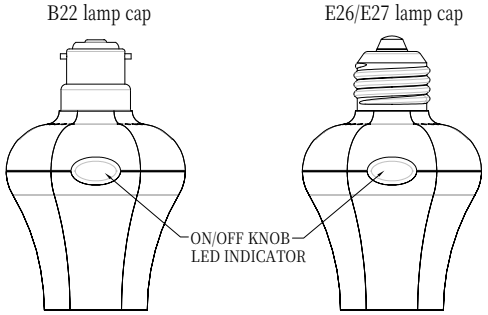


Fig. 2

Note: This On/Off knob serves as a gateway to learn and clear the ID code.

(2) Keep pressing the button for 3 seconds until the LED flashes rapidly. A 30-second countdown will start. The Module is about to learn the ID code.

(3) Using the Remote Controller of UNet enabled device to emit the ID code to the Module, press and hold the "Off" button on the Remote Controller more than 3 seconds, so as to emit the ID code to the Module.

(4) If the Module learns the ID code properly, the LED indication will be on for 1 second then turn off.

(5) When the LED flashes rapidly for 3 times, it is ascribed to the following two conditions:

i. The Module failed to learn the ID code.
ii. After entering 30-second ID code learning mode, press the button again to exit the ID code learning mode.

Note:

※ At the step (2), if you happen to press the On/Off button for less than 3 seconds, the Module will either turn to "On" or "Off" status depending on the last status of the On/Off button, for instance……

a. If it was toggled as "Off", the Module will turn to "On" status.
b. If it was toggled as "On", the Module will turn to "Off" status.

※ The ID code setting is stored in non-volatile memory and is not lost during power failures. It can be cleared by proceeding with ID code clearance as indicated below in ID code clearing section.

※ Up to 12 ID codes can be learned. The Module's LED will flash rapidly as rejection if the 13th ID code is entered.

Clearing the ID Code

(1) Press the button for 3 seconds until the LED flashes rapidly. A 30-second countdown will start.

(2) Press the button again more than 6 seconds within 30-second countdown, the preset ID code will be cleared.

Operation

Simply press the On/Off knob. The red indicator LED will turn On and the incandescent lamp screwed into the Module will also turn on, while pressing the knob again will turn off the incandescent lamp and its LED will be off.

Troubleshooting

Symptom	Cause of Failure	Recommendation
The module not working and LED off	1. Poor connection between lamp cap of mounted ceiling and lamp cap of the lamp holder 2. The module break down	1. Check if the lamp cap of mounted ceiling fits well into the module 2. Don't open up the module and send it for repair
The module's LED working, but the connected light bulb not working	1. Light bulb has burnt out 2. Poor connection or improper assembly between lamp cap of the light bulb and lamp holder of the module 3. The module break down	1. Replace a new bulb 2. The light bulb has screwed tightly to the lamp holder of the module 3. Don't open up the module and send it for repair

Compatibility

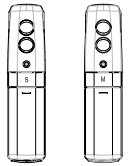
The following transceivers (sold separately) can control THIS module:

923.00 MHz/868.30MHz


Transmitter (AC124)


USB Dongle (SA804)


Flood Detector (ST802)


IR Beam Detector (ST803)


Temperature & Humidity Detector (ST804)


Illumination Sensor (ST805)

IMPORTANT! To avoid poor compatibility with devices of other brands, purchase only Everspring UNet devices to ensure best compatibility is strongly recommended.

Specification

Operating Voltage / Type of Lamp Cap	AN144-1	120VAC/60Hz	E26
	AN144-2	230VAC/50Hz	E27
	AN144-4	230VAC/50Hz	B22
Maximum Load	100 Watts incandescent, 27 Watts energy saving bulb		
Operating Temperature	0°C~40°C		
Operating Humidity Range	85%RH		
Receiving Range	30 meters min. line of sight		
Frequency Range	923.00MHz or 868.30MHz		

** Specifications are subject to change and improvement without notice.

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or

television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

WARNING:
Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities.

Contact your local government for information regarding the collection systems available.

If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.

When replacing old appliances with new once, the retailer is legally obligated to take back your old appliance for disposal at least for free of charge.