

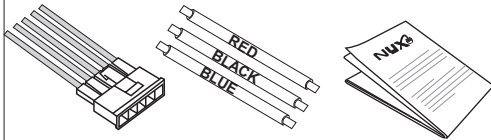
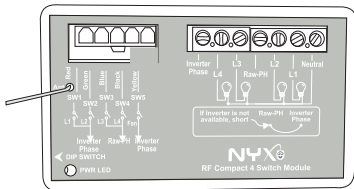


Installation Guide for RF Compact 4 Switch Module (NIOD1154)

Thank you for choosing Nyx RF compact Four Switch Module. This device is intended for lighting and Fan control. It is designed to place behind the conventional switch board and provide controls for up to 5 loads. The lights and fan regulator connected to the Nyx RF Compact Four Switch module can be controlled by various ways such as switch board, Nyx RF Remote control and Nyx Android App.

The Box Contains-

- RF Compact Four Switch Module
- 5 Pin Cable
- Installation Guide
- 1 Sq. mm. BLACK wire (200mm length)
- 1 Sq. mm. RED wire (200mm length)
- 1 Sq. mm. BLUE wire (200mm length)



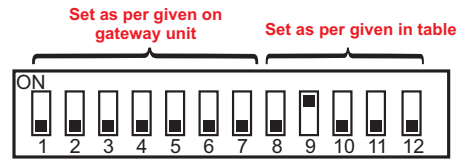
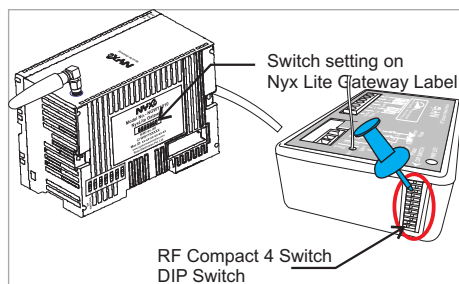
Technical Specifications

Operating voltage	90 - 230V, AC 50Hz
Load per channel	150 Watt Inductive Load 250 Watt Resistive Load
Radio frequency	866Mhz
Radio operating distance	50m line of sight
Operating temperature	0°C to +50°C
Dimension(L X W X H)	85mm X 50mm X 21mm

Product setup and configuration

1. Set the DIP switches as per instructions below:

a) There are total 12 DIP switches. First 7 DIP switches should be set as per the settings shown on your NyxLite Gateway module.



b) The remaining 5 DIP switches (Switch 8 to 12) are meant for room location of the device. Choose the location and set the DIP switch setting as shown in below table:

DIP switch configuration:

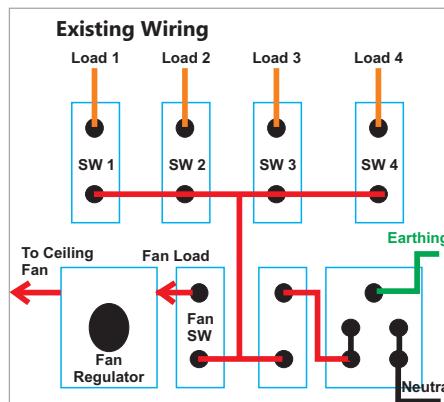
RF Compact Four Switch I/O module

Room Location	Node ID (DIP switch 8 to 12)				
	8	9	10	11	12
Living 1	0	1	0	0	0
Living 2	1	1	0	0	0
Living 3	0	0	1	0	0
Master Bedroom 1	1	0	1	0	0
Master Bedroom 2	0	1	1	0	0
Master bedroom 3	1	1	1	0	0
Children bedroom 1	0	0	0	1	0
Children bedroom 2	1	0	0	1	0
Children bedroom 3	0	1	0	1	0
Kitchen 1	1	1	0	1	0
Kitchen 2	0	0	1	1	0
Dining / Study 1	0	1	1	1	0
Dining / Study 2	1	1	1	1	0
Lobby 1	0	0	0	0	1
Guest bedroom 1	0	1	0	0	1
Guest bedroom 2	1	1	0	0	1

How to set DIP switch to 1 or 0:

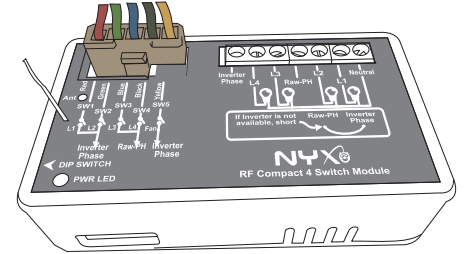
DIP Switch setting for position 0:	
DIP Switch setting for position 1:	

- Switch Off the MCB.
- Open the Switch Board, Where you want to install Nyx RF Compact Four Switch Module.



4. Identify Raw Phase, Inverter Phase and Neutral wire from switch board and connect it to respective terminal of RF Compact Four Switch Module.

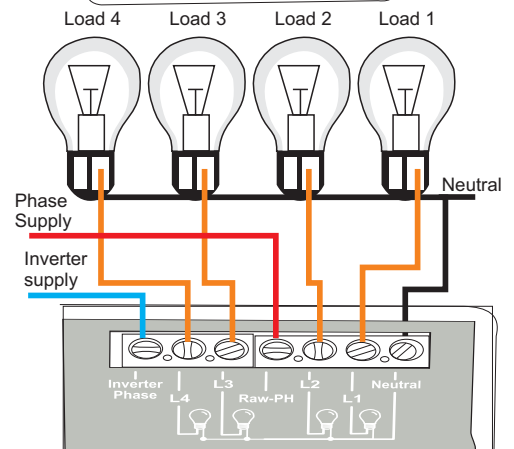
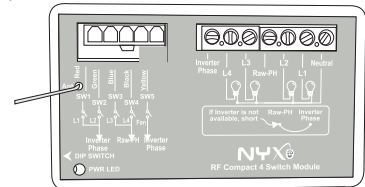
- Remove load wire Load 1, Load 2, Load 3 and Load 4 from switch board and connect them to Nyx Switch module on location marked as L1, L2, L3 and L4 respectively.
- If fan load available, replace existing fan regulator with Nyx Fan Regulator and then connect one of the wire to phase supply and other to the fan load.
- Insert 5 pin crimped cable in to the 5 pin connector on the unit as shown here.



- Note:
- RED: Load 1 Switch
 - GREEN: Load 2 Switch
 - BLUE: Load 3 Switch
 - BLACK: Load 4 Switch
 - YELLOW: Fan Switch

8. If user wants to control all loads with inverter phase or Raw phase. Short raw phase and inverter phase terminals with the help of short link and connect inverter phase or raw phase.

Note: Load L1, L2 are connected on raw phase and load L3, L4 are connected on inverter phase.



9. Like light loads user can connect and control fan regulator (NDMR1010) with RF compact Four Switch Module. For fan regulator wiring refer fan regulator manual.

10. Insert module inside wall cavity and make sure antenna wire brought out of module box.

11. Use mobile Nyx App to add this device to NyxLite Gateway.