

Compex Power Over Ethernet

POE+



Version 1.3



1. Introduction



Figure 1 PoE+ Injector

The Compex Power over Ethernet (PoE) kit is an accessory for Compex wireless Access Points. Compex PoE allows the supply of operational power to the access points via category 5 Ethernet cables. Deploying Compex PoE thus removes the restriction of having the access point close to the power supply. This means that the access point can be used virtually anywhere even in remote locations where there is no power supply nearby. The power of the PoE+ can adjust actively according to the protocol between PoE and Access Point.

2. Packaging Contents

- 1 x Compex PoE+ Injector
- 1 x Power Adapter
- 1 x Quick Install Guide with warranty card

	Active	Passive	RoHS compliant
POE+ 1A4815US	✓		
POE+ 1A4815EU	✓		
POE+ 1A4825US	✓		
POE+ 1A4825EU	✓		
POE+ 6A4815US	✓		✓
POE+ 6A4815EU	✓		✓
POE+ 6A4825US	✓		✓
POE+ 6A4825EU	✓		✓
POE+ 1P4830US		✓	
POE+ 1P4830EU		✓	
POE+ 1P0000US		✓	
POE+ 1P0000EU		✓	
POE+ 6P4830US		✓	✓
POE+ 6P4830EU		✓	✓
POE+ 6P0000US		✓	✓
POE+ 6P0000EU		✓	✓

3. Panel Views

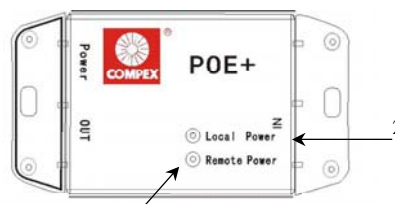


Figure 2 Compex PoE+

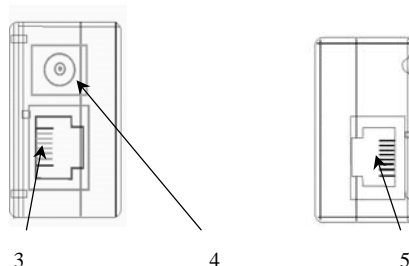


Figure 3 Side views of Compex PoE+ Injector



FCCE

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*- Actual product appearance may differ slightly from figure shown.

4. Panel Descriptions

Indicator	Description												
1 Remote Power LED	Steady Green The remote device (to which power is supplied) has powered up.												
2 Local Power LED	Steady Green The local device (from which power is drawn) has powered up.												
3 Ethernet (OUT) Port	Connects Ethernet cable to the PoE ready access point. The Remote Power LED (see Fig 2 label 1) will light up when access point is receiving power.												
4 Power Jack	Connects to the power adapter provided <table border="1"> <thead> <tr> <th>Power Adapter Type</th> <th>Output Rating / Power</th> </tr> </thead> <tbody> <tr> <td>1A4815, 1P4815</td> <td>48V / 15W</td> </tr> <tr> <td>6A4815, 6P4815</td> <td>48V / 25W</td> </tr> <tr> <td>1A4825, 1P4825, 6A4825, 6P4825</td> <td>48V / 30W</td> </tr> <tr> <td>1A4830, 1P4830, 6A4830, 6P4830</td> <td>48V / 30W</td> </tr> <tr> <td>1P0000, 6P0000</td> <td>48V / (Up to 30W)</td> </tr> </tbody> </table>	Power Adapter Type	Output Rating / Power	1A4815, 1P4815	48V / 15W	6A4815, 6P4815	48V / 25W	1A4825, 1P4825, 6A4825, 6P4825	48V / 30W	1A4830, 1P4830, 6A4830, 6P4830	48V / 30W	1P0000, 6P0000	48V / (Up to 30W)
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1P0000, 6P0000	48V / (Up to 30W)												
5 Ethernet (IN) Port	Connects Ethernet cable to a PC or a networking device, such as hub or switch.												

5. Hardware Installation

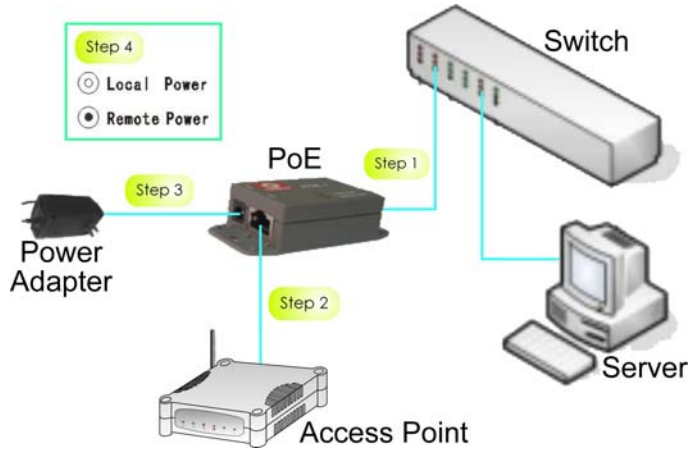
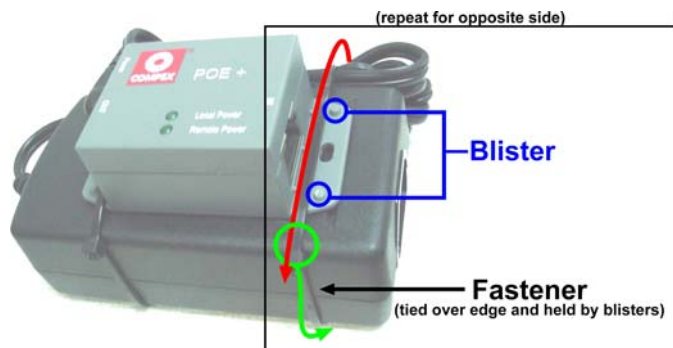


Figure 4 Setting up of Compex PoE+

1. Connect the Ethernet port (IN) of the PoE+ to your switch through a Category 5 straight Ethernet cable
2. Next, use another Category 5 straight Ethernet cable; connect it to (OUT) of PoE+ Injector and the other end of the cable to the access point. (Maximum length of the Category 5 Ethernet cable is 100 metres.)
3. Connect power adapter to the Injector and power on.
4. The Remote Power LED on the Injector will light up, indicating power is supplied to the access point.

6. Tying PoE+ to Power Adapter



PoE+ may be tied to the power adapter with 2 fasteners. Place the PoE+ flat on the top of the power adapter and tie a fastener over the edge where there are 2 blisters to hold in the fastener, and repeat for the opposite side.

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Manual Revision by Daniel

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FCC NOTICE: This device 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 device generates, uses and can radiate radio frequency energy. 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 device does cause harmful interference to radio or television reception which can be determined by turning the PC off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the distance between the computer and receiver.
- Connect the computer into an outlet on a circuit different from that to which the radio/TV technician for help.

Caution: Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

FCC Compliance Statement: This device complies with Part 15 Subpart B of the FCC Rules. Operation is subject to the following two conditions:

ICES 003 Statement

This Class B digital apparatus complies with Canadian ICES-003.

DECLARATION OF CONFORMITY:

Compex, Inc. declares that the products:

Product Name: Compex POE+ (Injector and Extractor)

Model No.: POE-100 and POE-100-3.3 conform to the following Product Standards:

Radiated Emission Standards: EN55022A, FCC Part 15 Class B

Conducted Emission Standards: EN55022A conducted emission, FCC Part 15 Class B

Immunity Standards: EN55024, IEC 61000

Therefore, this product is in conformity with the following regional standards: FCC Class B — following the provisions of FCC Part 15 directive, CE Mark — following the provisions of the EC directive.

Manufacturer's Name: Compex Systems Pte Ltd

Address: 135 Joo Seng Road, PM Industrial Building, #08-01, Singapore 368363

WARRANTY REGISTRATION CARD

Register via the Internet at
<http://www.cpx.com> or
<http://www.compex.com.sg>

[M-0088-V2.4C]



To activate the warranty, please complete this card and return to Compex within ninety 90 days from the date of purchase.

Please e-mail this warranty card to support@compex.com.sg.

Product:	Purchase Date:	Model:	Serial No:
Name:		E-mail:	
Company:			
Address:			
Postal/Zip Code:		Country:	
Phone:			

Note:

For purchases within U.S.A and Canada, please fax to Compex, Inc. at (714) 482 0332

For purchases outside U.S.A and Canada, please fax to Compex Systems Pte Ltd at (65) 6280-9947