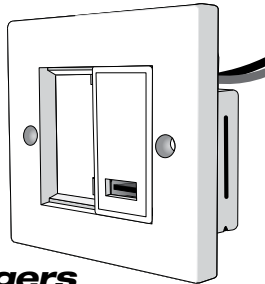


**1A and 2A
Euro-
Module
USB Chargers**



User Instructions

Unit 22 Lawson Hunt
Industrial Park
Broadbridge Heath, Horsham
West Sussex, RH12 3JR
Tel +44 (0) 1403 240055
Fax +44 (0) 1403 255657
info@axmanufacturing.co.uk
www.axmanufacturing.co.uk

1A AND 2A EURO-MODULE USB CHARGER

The AX range of charger modules is intended for charging Portable Electronic Devices via the standard USB "A" Interface.

IMPORTANT NOTICE

This unit is a two-part device which must be assembled *through* the wall plate.

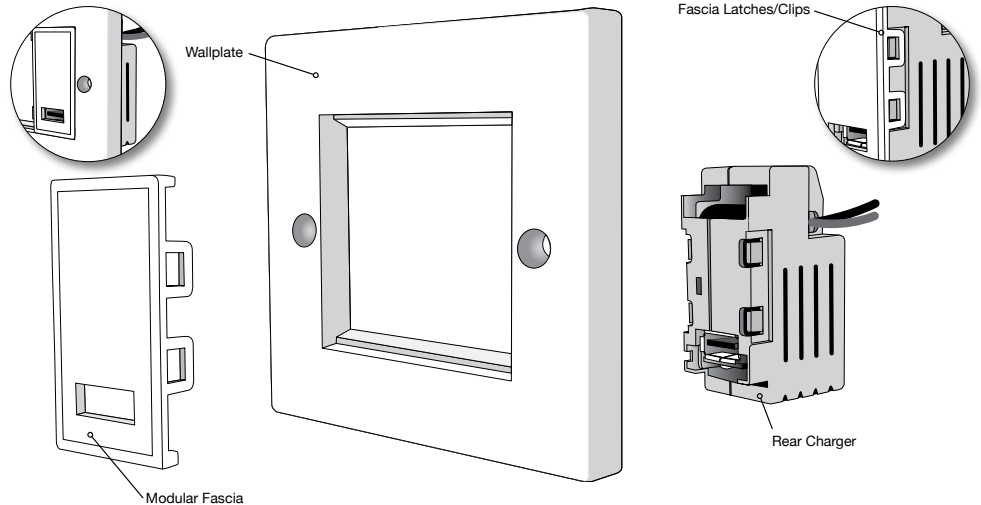
The device **MUST** be installed by a competent person, in accordance with BS7671, and with due regard to these instructions. Failure to comply will negate the product warranty.

ASSEMBLY INSTRUCTIONS

Fit the modular fascia to the wall plate through the front face in the usual manner – **ensure it is the correct way up!**

Engage the rear charger unit with the clips on the fascia and press the two units together to engage the locks.

When assembled the unit locks the fascia latches to prevent inadvertent removal. If it is necessary to remove the unit from the wall plate this can be accomplished by carefully rocking the rear charger unit to the left or right, until the latches disengage and the assembly can be removed.



**Don't Compromise on
Product Safety!**

Part No.	Description	Colour
3896001	1A 25 x 50 USB Charger	White
3896002	1A 25 x 50 USB Charger	Black
3894001	2A 25 x 50 USB Charger	White
3894002	2A 25 x 50 USB Charger	Black

INSTALLATION INSTRUCTIONS

The charger is designed to be fitted to standard Euro-Modular wall plates, and should be fitted in a BS4662 style box of depth 35mm or greater. It should be mounted vertically to ensure adequate convection cooling.

The charger is internally fused and tested to withstand at least 8kV surges. It may therefore be connected directly to standard ring main wiring without the addition of an intermediate FCU.

Ensure that the power supply is isolated before commencing installation work.

TEST FIT

We recommend wiring the unit to the supply wiring and offering it up to the back box before screwing on the wall plate, in this manner it will be easy to confirm fit, and to ensure that excessive amounts of wire are not compressed into the wallbox. Note that if the box has four lugs the top and bottom lugs will need to be bent flush to the box sides.

COMPLETING THE INSTALLATION

After connecting the electronics to the wiring, assemble the wall plate to the mounting box with the screws provided, taking care as mentioned above not to damage the units by compressing excess wiring into the mounting box.

SPECIFICATION

Supply Voltage: 100 – 240 Vac, 47 – 63Hz

Charging Output: 5Vdc \pm 5%, 1.0A / 2.0A

Overload Protection: If the device is overloaded or short-circuited, the electronic circuit will limit the output power within safe limits to provide protection against damage or overheating.

COMPLIANCE

The modules comply with the following EC Directives:

Low Voltage	Directive 2006/95/EC	ROHS	Directive 2002/95/EC
WEEE	Directive 2002/96/EC	REACH	Directive 1907/2006
EMC	Directive 2004/108/EC		
And:	IEC 60950-1	IEC 61000-6-1/3	

The terminals will accept 2 x 1.5mm² conductors or 1 x 2.5mm² conductors. Chargers may be daisy-chained with 1.5mm² wires, provided the MCB is suitably rated. Strip the wires to expose 8 to 9mm of copper conductor, do not allow excessive amounts of bare copper to be visible outside the terminals, as this represents a safety hazard.

Connect the live supply wire (coloured brown or red) to the terminal marked "L"

Connect the neutral wire (coloured blue or black) to the terminal marked "N"

The USB Charger is a delicate electronic device, and care should be exercised to ensure it is not damaged during installation, particularly by pressure on the enclosure by compressing excess wire into the mounting box. This may compromise safety. The Charger must not be installed in Bathrooms, wetrooms, or in any location subject to water splashing or condensation.

DO NOT MEGGER TEST THE INSTALLATION

Standby Current: 2.0mA typical.

Output Connector: USB Type "A"

USER INSTRUCTIONS

Portable Electronic Devices, designed to be charged from a USB socket, may be charged from this charging outlet. These include mobile phones, tablets, GPS devices, cameras, and many others.

TO CHARGE YOUR PORTABLE DEVICE

Simply use the charging lead supplied with the Device by its manufacturer.

Plug the rectangular USB connector into the socket in the charger, the one marked 5V, and plug the other end into your Portable Device.

Charging is automatic and the charger will shut down when it is not in use, or when the Device is fully charged.

We recommend against charging portable devices with Lithium Ion Batteries if the device temperature is below 2°C. Allow the device to warm up in heated room before charging.

There are no user serviceable or replaceable components in this device.

WARRANTY

The product is guaranteed for a period of one year and we will replace or repair the product should it become faulty in that time. This is strictly subject to the device being installed by a qualified installer, and in accordance with the current IEE wiring regulations, and to it having been used in accordance with the user instructions.

This guarantee is the company's entire liability, and no claim for consequential loss or damage will be considered, subject only to the statutory rights of the consumer.

This product is patented, and the company will take legal action against any product which infringes its Designs or Patents.