LPSA70/90

Auto Voltage Selection Laptop Power Adaptor

Item ref: 661.130UK/661.131UK

User Manual

> **CAUTION:**
> The appliance is not intended for use by children or infirm persons without supervision. Please read through this manual carefully before use.

This manual is guidance for how to use the Mercury 70W (LPSA70) / 90W (LPSA90) auto voltage selection laptop adaptor.

Specification:

	LPSA70	LPSA90
Input	100 – 240Vac 50/60Hz	
Output	15-16/19.5Vdc (Manual) 15-20Vdc (Auto)	
Max Power Output	70W	90W
Max Current Output	3.60A	4.62A
Dimension	110 x 47 x 31mm	118 x 55 x 32mm

LED display:

At auto operation status (slider at "AUTO"):

Auto Search	Blue LED Flash
Working	Blue LED on
Standby	LED off
Reset	Blue and Green LED on at the same time

At manual select status (Slider at 15-16V/19.5V):

Working	Green LED on
Standby	LED off

AUTO mode:

At auto mode, device will automatically detect and select the required working voltage for the laptop connected.

1- Connect the AC power to device, both Blue and Green LED will lit once to indicate de device is powered up properly.
2- Push slide selector to "AUTO" if not already done so, the Blue LED will lit for 2 seconds and off.
3- Select the tip that is compatible with your laptop and connects it to the DC output tip, the fixed tip on this product is 5.5 x 2.5mm.
4- Connect the device to the laptop, the Blue LED will lit for 2 second and start flashing, this indicates the product is searching for the correct required working voltage for the laptop. When the Blue LED stay lit, the device is working at the correct required voltage.
5- When laptop is standby or switched off, the device will enter standby mode too. This indicates by the LED remained switched off. When the laptop is switched on on the next use, the device will automatically switch back on.
6- This device will only require search for working voltage once and remember the voltage as long as it remained plugged in with power. To establish a new search for different laptop, unplug the device from

the wall for 1 minute and plug back in. The Blue and Green LED will be lit together for 3 seconds to indicate memory erase. Repeat process one to search for the right working voltage for the new laptop.

Please note – device may remained standby when connected to certain model of laptop at power off, this may require switch on the laptop to start the device. Please refer to Manual Operation if device remained standby. When laptop is switched off, the device will remain working until the battery is fully charged before automatically switched off to standby mode.

MANUAL mode:

Manual mode will allow to selector working voltage of "15-16V" or "19.5V"
1- Connect the AC power to the device, the Blue and Green LED will light once to indicate the device is powered up.
2- Refer to the bottom of the laptop for the operation voltage required and push the slider to the appropriate voltage for the laptop. For voltage between 15-16.5V please push slider to "15-16V", for voltage between 18-20V please push slider to "19.5V". (please ensure the working voltage required is within the adaptor's working voltage range.)
3- Select the tip that is compatible with your laptop and connects it to the DC output tip, the fixed tip on this product is 5.5 x 2.5mm.
4- Connect the device to the laptop, the Green LED will be lit to indicate it is working and supplying power to the laptop.
5- When laptop is standby or switched off, the device will enter standby mode too. This indicates by the LED remained switched off. When the laptop is switched on on the next use, the device will automatically switch back on.

Please note – if laptop is connected with the wrong selected voltage, this may cause the laptop unable to start up properly. Remove the device and battery from the laptop for 10 seconds. Reinstall the battery and connect the laptop at the correct voltage again will allow the laptop to start properly again.

Important Notice:

- Only use DC tip supplied with the device, use of any other tips may cause damage to device and laptop.
- When not intended to use for a long period of time, please unplug the device from the main.
- Device temperature may increase when operating. Please avoid locate device on cotton, fiber, leather and fur material etc, which may cause damage to the device.
- Do not disintegrate device.
- Operation ambient temperature: 0°C to 25°C
  Storage temperature: -20°C to 60°C

Errors and omissions excepted.
Copyright© 2013. AVSL Group Ltd.