



LIVE LUGGAGE

POWER ASSISTED



User Guide
and Briefing Notes
for the PA Series

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We strongly recommend reading these notes to help you understand the basics of your new PA suitcase.

Firstly PA stands for Power Assisted – it is not self propelling or remote control and has no traditional method of control like a twist grip or control cable. It's designed to work on sensors in the handle and in the powered wheels using torque not speed, so first thing to remember is 'be aware of the ground conditions'. On a flat marble surface the power normally shouldn't come on - the anti-gravity handle should be very capable of making that part of your journey effortless.

The PA case is in "GO MODE" when you pull the handle away from the body of the case – the sensors actively and intelligently working out whether you'll need help from the wheels internal motors.

For safety reasons when you pull the handle out of locked mode you will need to keep upward pressure on the handle release (black middle button) to release it beyond the first lock



mechanism. After this point the red light is engaged and means your power assisted system is activated.

Please note the power assistance only becomes active when you have more than approx. 7Kg of goods in the case.

Check the gradient and surface - if it's steep or rough, the intelligent torque control system will power the wheels when the handle is tilted - it's designed to power up only when help is required not during every part of your journey. The tilt switch/sensors only power the wheels at certain angles - approximately between 15% and 35%.

If you accidentally drop the case or let go – don't worry – it won't run away from you. In these instances, the case will go beyond its 'active' angles, so no power will be delivered to the motors.

As a special feature for air travel we have put an override ON/OFF button where the handle fits into the lock position that mechanically cuts the power from the battery -giving the option to use the case without power. When the Live Luggage tick button is red it means the power is ON. Your PA suitcase will work equally well when not powered if the battery is flat. The handle system is a completely innovative concept as it balances most of the bulk of the case over the wheels, rather like a wheel barrow. This system is called the “Anti-gravity Handle” - solid and tough. When extended we recommend only light handheld goods are placed on the handle’s wishbone. The handle system has pressure sensors at the base so if loaded with heavy goods, your PA case will not function correctly.

Please remember to lock the handle whilst your PA case is in transit from preventing the handle accidentally coming out.

PLEASE NOTE - under NO circumstances should you place babies, small children, or people on the handle, wishbone or body of the case.

The handle can be adjusted to three height levels making it as



comfortable for taller people as shorter. This adjustment is made by lifting the catch in the top/middle part of the handle grip. For air travellers, there’s an override lock (sideways movement) to ensure the handle remains in lock mode during the flight.

Each time the case is used the chances are, it will have been packed differently so be aware that the case may handle slightly differently on different terrains and gradients depending on where the concentration of weight is. It’s a bit of a learning curve, but you should soon get used to the manner in which it operates.

The case has a lift position behind the handle to use when the case is in an upright position (and the handle is not extended) and there are feet on the long side of the case so it can remain steady when rested horizontally.

The power pack is a rechargeable 12v NiMH (Nickel Metal hydride) pack and is located on the inside of the case in the base. The electronic management control system is located within the same compartment, which is also large enough to store a second, spare battery pack for really long journeys. As a rule of thumb, given average use, the battery will last for at least one mile. Therefore we recommend the battery is charged overnight on arrival at your destination using the supplied charger. Please only use Live Luggage adapter/charger- check voltage/current for compatibility.

You'll note that the centres of the wheels don't go round – just the tyres. This is because your suitcase doesn't have motors and axles in the conventional sense. We have employed 'pancake motors', which means that the DC motors are built within the wheels making the whole package extremely robust and maintenance free.

How much does it weigh and how secure is it?

The PA Series case is not a day bag but a tough, long-lasting secure case- ideal for a heavy duty traveller .The case when



empty weighs 10.9Kg which is roughly 3Kg more than the average hard case of similar volume, but the concept is that when loaded it feels like a bag that weighs only 3kg not 30Kg.

90% of all suitcases soft or hard sided use zips, metal or plastic, which most thieves can break into in seconds! So we deliberately designed the PA Series to be made from a special tough PC ABS material (same as car bumpers which are injection moulded), with no zips that simply slot together.

The Lock system used is our own unique tumbler lock system - fully TSA approved so you can set your own individual number, Transportation Security Administration has skeleton locks and will ensure the case is always locked after checking.

We believe you now own one of the world's most secure suitcases!



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www.liveluggage.com

We started designing and developing the Live Luggage PA Series in early 2000 – it's British designed and British built and once you get used to your new PA Series it will provide freedom and flexibility whenever and wherever it is used.

* Don't forget to register your PA Series online with Live Locator, a free locator service for our Live Luggage customers at www.live-locator.com

Have a safe journey

Live Luggage Ltd
PO Box 4757
Henley-on-Thames
RG9 9DU

Tel: 08458 696171
www.liveluggage.com

Because the world is not flat