AT-1450

BATT. SETTINGS for 1st Generation AT-1450

Application Notice:

- 1. AerTAB (AT-1450) low power self-protection: Due to the AT-1450 battery safety and power security design, there are two levels of low power self-protection, first is at Tablet MB side, and second is at battery pack side. However, FEC discovers in some application cases, which might trigger Battery Protection earlier than Tablet MB Protection when the battery level go too low without charging.
- 2. Trigger self-protection Symptom: When battery level goes down till Windows force shut system down, for example, 5% of battery power remaining, it is likely that Battery self-protection is triggered during Windows shut down, which would cause AerTAB can not be charged by external USB charger or Docking Station.
- 3. Short Term Solution:

Change Power management settings of Windows 10 Control Panel: raise % of "Low Battery Warning" to 15%; "Reserve Battery Level" to 12%; "Critical Battery warning" 10%; and set the action as shut down.

Change settings for the	plan: Bala	nced					
Choose the sleep and display settings that you want your computer to use.							
	1	On battery	🛷 Plugged in				
Turn off the display:	Never	Ŷ	Never	~			
9 Put the computer to sleep:	Never	Ý	Never	v			
💥 Adjust plan brightness:	•	*	•	*			
		Power Optio	ns	1			
Change advanced power setting	25	Advanced setting					
Restore default settings for this	plan	then	t the power plan that you o choose settings that reflect puter to manage power.	vant to customize, and t how you want your			
		Balanced [Ac	tive]	~			
		⊟ Slide O P ⊛ Intel(R) (background settings show In battery: Paused v lugged in: Available lynamic Platform and Ther ittens and lid	mal Framework Settings			

				?	>
dvanced settings					
Select the power pla then choose setting: computer to manag	s that reflect				d
Balanced [Active]		~			
Battery					^
Critical battery action	n				
On battery: Shut	down				_
Plugged in: Shut	down				
Low battery level					
On battery: 15%					
Plugged in: 15%					
Critical battery level					
On battery: 10%					
< Plugged in: 10%				>	
		restor	e plan de	auits	
	OK	C	ancel	A	pply
Power Ontions				2	,
Power Options Advanced settings Select the power pla then choose setting					d
Advanced settings	s that reflec			nize, an	
Advanced settings Select the power pla then choose setting computer to manag Balanced [Active]	s that reflec ge power.			nize, an	
Advanced settings Select the power pla then choose setting computer to manag Balanced [Active] Plugged in: 15%	s that reflec ge power.			nize, an	
Advanced settings Select the power pla then choose setting computer to manag Balanced [Active] Plugged in: 15% Critical battery level	s that reflec ge power.			nize, an	
Advanced settings Select the power pla then choose setting computer to manage Balanced [Active] Plugged in: 15% Critical battery level On battery: 10%	s that reflec ge power.			nize, an	
Advanced settings Select the power pla then choose setting computer to manage Balanced [Active] Plugged in: 15% Critical battery level On battery: 10% Plugged in: 10%	s that reflec ge power.			nize, an	
Advanced settings Select the power play then choose setting computer to manage Balanced [Active] Plugged in: 15% Critical battery level On battery: 10% Plugged in: 10% We Low battery notification	s that reflec ge power.			nize, an	
Advanced settings Select the power plathen choose setting computer to manage Balanced [Active] Plugged in: 15% Critical battery level On battery: 10% Plugged in: 10% E Low battery notifica E Low battery action	tion			nize, an	
Advanced settings Select the power plathen choose setting computer to manage Balanced [Active] Plugged in: 15% Critical battery level On battery: 10% Plugged in: 10% E Low battery notificat Low battery action Reserve battery level	s that reflec ge power.			nize, an	
Advanced settings Select the power plathen choose setting computer to manage Balanced [Active] Plugged in: 15% Critical battery level On battery: 10% Plugged in: 10% E Low battery notifica Low battery action Reserve battery level On battery: 12%	tion			nize, an	
Advanced settings Select the power plathen choose setting computer to manage Balanced [Active] Plugged in: 15% Critical battery level On battery: 10% Plugged in: 10% E Low battery notificat Low battery action Reserve battery level	tion			nize, an	
Advanced settings Select the power plathen choose setting computer to manage Balanced [Active] Plugged in: 15% Critical battery level On battery: 10% Plugged in: 10% E Low battery notifica Low battery action Reserve battery level On battery: 12%	tion			nize, an	d
Advanced settings Select the power plathen choose setting computer to manage Balanced [Active] Plugged in: 15% Critical battery level On battery: 10% Plugged in: 10% E Low battery notifica Low battery action Reserve battery level On battery: 12% Plugged in: 12%	tion	 		hize, an t your	d

4. Long Term Solution: In the following shipment, FEC will enhance these two protection levels have enough tolerance in between first MB protection and Battery protection.

NOVOPOS AG

13.3.2017 fe