

SWAN

2021.11 Mass production inspection

SH Son

Model Name: BFX-UA300

Document Version: ALT_STB_MP_CSMTINS_001

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All Life Technology Co., Ltd



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Document History

Version	Editor	Date	Updates
001	SH Son (Seunghwan Son)	2021.11.19	initial version

- SKB incoming inspection
 - Inspection lot : BFX-UA300 MP delivered on Oct~Nov
 - Sampling size : AQL 0.15
 - Date : 2021.10.12 ~ 2021.11.16
 - Location : [SK networks warehouse](#), Anseong, Korea.
- Overall inspection result
 - Fail (Waived, due to product launch schedule)
- Defect Total
 - Critical*
 - Side LED not working * 1pcs
 - Major
 - BTV deco plate broken * 1pcs
 - BTV deco plate cosmetic NG * 3pcs
 - Missing accessory * 4pcs
 - Grill attachment NG * 1pcs
 - Minor
 - Side deco plate poor attachment * 10%

Definition*

- Critical : The **defect related to product functions**
- Major : The defect is no effect on the product functions. But **visually defect**. (i.g cosmetic damaged.)
- Minor : The defect is no effect on the product functions, no visually defect. But **need improvement**

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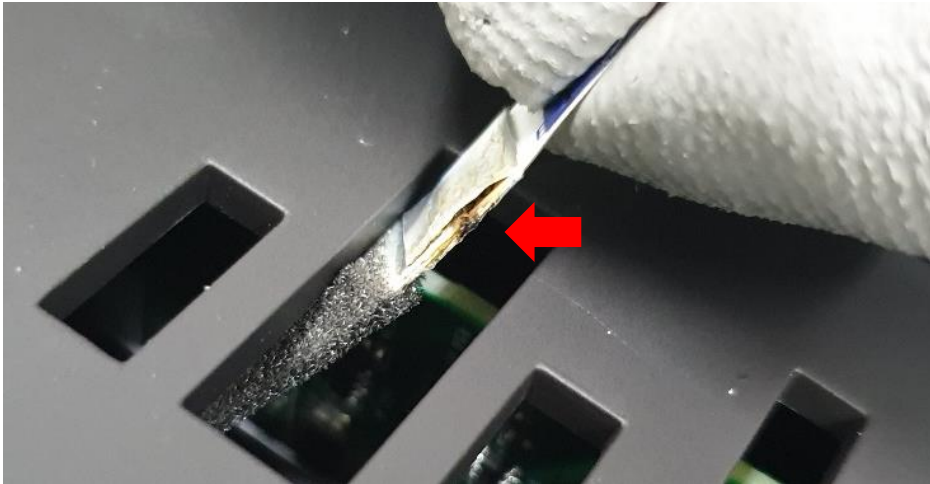
- Side LED not working
 - Issue grade : Critical
 - Symptom : R-Ch Side LED is not turn on
 - Defect unit Q'ty : 1pcs / 756pcs
 - Defect rate : 0.13%

SKB SN		mac	Note
214965001	202109002439	a8:93:4a:fe:83:C0	R-Ch Side LED not working
PCBA S/N	YW70QYD		

- ALT initial review
 - Disassembly Front grill, the FFC was damaged.
 - Disassembly side LED ass'y, the FFC connector broken due to top cover rib
- ALT Action
 - Replace the Side LED PCBA, FFC cable
- Factory Action item
 - FXN should be submit 8D report
 - Check and verify rib cutting result at the factory

Critical issue

- Side LED not working



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- BTV deco plate broken
 - Issue grade : Major
 - Symptom
 - Attachment line NG
 - Defect unit Q'ty : Not counted
 - Defect rate : about 40%

SKB SN		mac	Note
214965001	202109001832	a8:93:4a:fe:7d:ca	L-Ch Side BTV logo plate broken

- ALT initial review
 - Before packing, BTV logo plate may broken.
 - There were no fragments inside the packaging.
- Factory Action item
 - ADD visual check point – PQC / OBA
 - FXN should be submit 8D report
 - Need to update SOP and WI (Work Instruction)
 - Provide the preventive action



- BTV deco plate cosmetic NG

- Issue grade : Major
- Symptom
 - Attachment line NG
 - Defect unit Q'ty : 3 pcs /
 - Defect rate :

SKB SN		mac	Note
214965001	202109002410	a8:93:4a:fe:83:22	BTV logo plate NG
214965001	202109002400	a8:93:4a:fe:83:b4	
214965001	202109001832	a8:93:4a:fe:7d:ca	

- ALT initial review
 - BTV logo plate quality improvement in progress
 - Poor quality Lasor cutting
 - ALT will send to Vender 8D report to factory
- Factory Action item
 - Please add the CTQ point – IQC, PQC, OBA
 - Please check the cosmetic point, and contact Vender(Inkel) direct.
 - Vender will provide replacement parts.

- BTV deco plate NG



Poor Lasor cutting



Shifted Lasor cutting

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- Missing accessory
 - Issue grade : Major
 - Symptom
 - Missing wall mount bracket inside the adaptor box
 - Defect unit Q'ty : 4pcs
 - Defect rate :
- ALT initial review
 - Missing when assembling adapter + wall mount bracket
- Action item
 - FXN should be submit 8D report
 - Need to update SOP and WI (Work Instruction)
 - Provide the preventive action

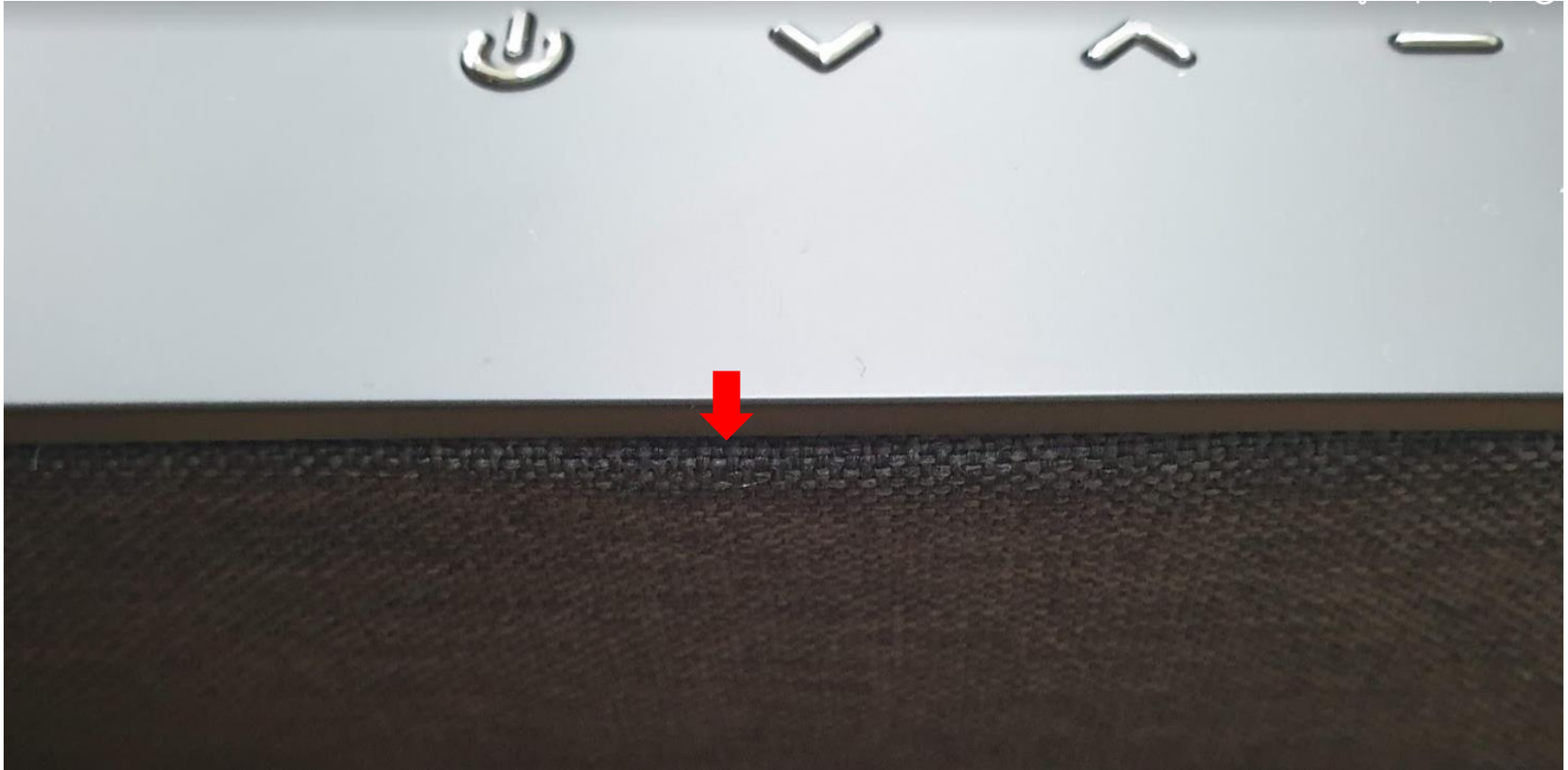
- Grill attachment NG

- Issue grade : Major
- Symptom
 - Attachment line NG
 - Defect unit Q'ty : 1pcs
 - Defect rate :

SKB SN		mac	Note
214965001	202109002041	a8:93:4a:fe:80:02	grill fabric adhesive apply NG

- ALT initial review
 - Grill assembly quality improvement in progress
 - grill fabric adhesive apply NG
 - If the fabric does not adhere completely, It can cause vibration noise.
 - ALT will send to Vender 8D report to factory
- Factory Action item
 - Please add the CTQ point – IQC, PQC, OBA
 - Please check the cosmetic point, and contact Vender(Inkel) direct.
 - Vender will provide replacement parts.

- Grill attachment NG



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- Side deco plate poor attachment

- Issue grade : Minor
- Symptom
 - poor attachment
 - Defect unit Q'ty : Not counted
 - Defect rate : about 10%



- ALT initial review
 - Attachment line : visual inspection NG
 - **It's still need improvement**
- Action item
 - FXN should be submit 8D report
 - Need to update SOP and WI (Work Instruction)
 - Provide the preventive action

Thank you.

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