

SWAN

2022.05 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)	2022.06.10	initial version

- SKB incoming inspection
 - Inspection lot : BFX-UA300 MP delivered on 2022.05
 - Sampling size : AQL 0.15
 - Date : 2022.5.24 ~ 2022.5.27 / 200pcs
 - Location : [SK networks warehouse](#), Anseong, Korea.
- Overall inspection result
 - Conditional pass
- Defect Total
 - Critical
 - Status LED not work
 - Ethernet unstable
 - No sound output
 - Major
 - No screen after booting animation.
 - Cosmetic damage
 - Minor
 - Screw assembly
 - Tact feeling is not good

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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- Status LED not work
 - Issue grade : Critical
 - Symptom : No LED Turn on
 - Defect unit Q'ty : 1pcs / 200 pcs
 - SN : 2149695001202201006480
 - LED PCBA : YWR0IKB
- ALT initial review
 - Visual check : No found abnormal
 - Electronic check : LED is not work using multi meter
- ALT Action
 - Replace the LED PCBA
- Factory Action item
 - FXN should be submit 8D report
 - Need to find out why it wasn't detected in factory tests
 - Provide the preventive action



- Ethernet unstable
 - Issue grade : Critical
 - Symptom : Ethernet speed too low, and unstable
 - Defect unit Q'ty : 1pcs / 200 pcs
 - SN : 2149695001202201006508
- ALT initial review
 - Visual check : No found abnormal
 - Ethernet link up is OK, but more than 50% packet loss occurred
 - Can't watch live broadcast normally
- ALT Action
 - Replace the main PCBA
- Factory Action item
 - FXN should be submit 8D report
 - Need to find out why it wasn't detected in factory tests
 - Provide the preventive action

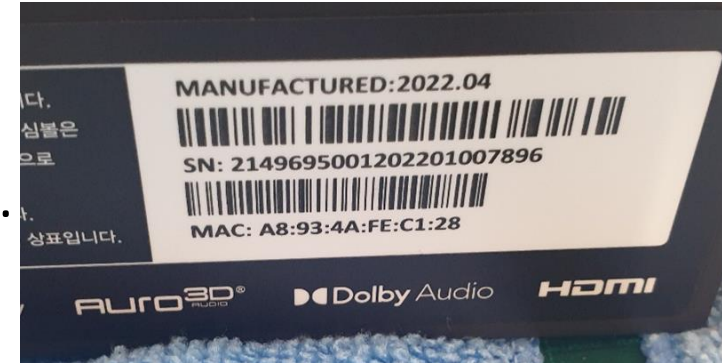
- No sound output
 - Issue grade : Critical
 - Symptom : No Sound is not output
 - Defect unit Q'ty : 1pcs / 200 pcs
 - SN : 2149695001202201006507
- ALT initial review
 - Visual check : No found abnormal
 - AMP board issue, under review ALT Side
- ALT Action
 - Replace the AMP PCBA
- Factory Action item
 - FXN should be submit 8D report
 - Need to find out why it wasn't detected in factory tests
 - Provide the preventive action

- No screen after booting animation.
 - Issue grade : Major
 - Symptom : No screen after booting animation.
 - Defect unit Q'ty : 1 / 200pcs
 - SN : 2149695001202201007918
- ALT initial review
 - Visual check : No found abnormal
- ALT Action
 - Update the main SW
- Action item
 - FXN should be submit 8D report
 - Need to find out why it wasn't detected in factory tests
 - Provide the preventive action

- Cosmetic damage
 - Issue grade : Major
 - Symptom : Dented on the side of the top case.
 - Defect unit Q'ty : 1 / 200pcs
 - SN : 2149695001202201006280
- ALT initial review
 - Visual check : Dent the Top case after assembly.
- ALT Action
 - Replace the Top case
- Action item
 - FXN should be submit 8D report
 - Provide the preventive action



- Screw assembly
 - Issue grade : Minor
 - Symptom : The screw is not fully tightened.
 - Defect unit Q'ty : 1 / 200pcs
 - SN : 2149695001202201007896
- ALT initial review
 - Visual check : Screw assembly NG
- ALT Action
 - fully tightened the screw
- Action item
 - FXN should be submit 8D report
 - Provide the preventive action



- Tact feeling is not good
 - Issue grade : Minor
 - Symptom : Power button tact feeling is NG
 - Defect unit Q'ty : 1 / 200pcs
 - SN :2149695001202201006506
 - Button pcba : YWR0J97
- ALT initial review
 - Visual check : No found abnormal
 - Housing check : No found abnormal
 - PCBA check : one tact switch feels NG in PCBA level
- ALT Action
 - Replace the Button PCBA
- Action item
 - FXN should be analysis the root cause and submit the FA report
 - Provide the preventive action

Thank you.

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