
	Safety Testing	Report Number: REG000501001
	Test Report, EN60065:2014 + AC:2016	Tester: David Carlson
	Audio, Video and Similar Electronic Apparatus – Safety Requirements	Date: 02/14/19
Division ST	Product/Product Family: X-Line Advance	Page: 1 of 3

Test Report Details

Test Report Number:	REG000501001
Tester:	David Carlson
Approver:	Bill Scott
Date of Issue:	02/14/2019
Testing Laboratory:	Bosch Communications Systems
Laboratory Address:	12000 Portland Ave S Burnsville, MN 55337
Applicant's Name:	Bosch Communications Systems
Applicant's Address:	12000 Portland Ave S Burnsville, MN 55337



Applicable Products


SAP Part Number	CTN	Description	Result
F.01U.302.583	X1-212/90	X1 compact 2-way 1X12-IN 90° line array, passive or biamplified operation; FIR-DRIVE capable processing hardware required (RCM-28, Dx46, or NetMax)	Compliant
F.01U.315.552	X1-212/120	120° horizontal version of above	Compliant
F.01U.302.586	X2-212/90	X2 HP compact 2-way 1x12-in 90° line array; biamplified operation only. Sold only with TG-7 equipped with RCM-28 processing cards. Will not be sold with other amplifiers.	Compliant
F.01U.315.553	X2-212/120	120° horizontal version of above	Compliant
F.01U.302.585	X12-128	1-WAY 2X18-IN NON-FLYING SUB. Sold only with TG-7 amplifiers equipped with RCM-28 processing cards or equivalent FIR-Drive processing. Will not be sold with any other amplifiers. X12-128 subwoofers may be used with systems other than X-LINE ADVANCE, but the same amplifier and processing restrictions apply.	Not applicable
F.01U.302.584	X12-125F	1-WAY 2X15-IN FLYING SUB. Sold only with TG-7 amplifiers equipped with RCM-28 processing cards or equivalent FIR-Drive processing. Will not be sold with any other amplifiers. X12-125F subwoofers may be used with systems other than X-LINE ADVANCE, but the same amplifier and processing restrictions apply.	Compliant
F.01U.302.591	X12TC-GRID	Compact grid for X1/X2 tops; supports up to 24 X1 or X2 cabinets (refer to User Manual)	Compliant
F.01U.302.592	X12TE-GRID	Extended grid for X1/X2 tops; supports up to 24 X1 or X2 cabinets (refer to User Manual)	Compliant
F.01U.302.594	X12T-DOLLY	Dolly for X1/X2 tops (holds 6); top of dolly assembly also functions as ground-stack kit.	Not applicable
F.01U.308.182	X12-128-DOLLY	Dolly for X12-128 non-flying subwoofers (holds 2 using supplied ratchet strap)	Not applicable
F.01U.303.501	X12PU-BGK	Pull up bottom grid kit for X1/X2 tops; must be used with extended grid	Compliant

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F.01U.302.593	X12-125F-GRID	Grid for X12-125F flying subwoofer	Compliant
F.01U.308.183	X12-125F-DOLLY	Dolly for X12-125F flying subwoofer	Not applicable
F.01U.316.305	X12-125F-AG	Grid adapter to attach X1/X2 under X12-125F flying subwoofer	Compliant
F.01U.316.306	X12-125FPU-BKG	Pull up grid kit for X12-125F flying subwoofer	Compliant
F.01U.327.713	X12-125F-CGK	Grill kit to use X12-125F flying subwoofer as cardioid element	Not applicable
F.01U.327.714	X12-125F-DOK	Outrigger kit for X12-125F-DOLLY, used as a groundstack stabilizer	Not applicable
F.01U.332.166	X12-125F-DAK	Ground stack kit to use X1/X2 on top of X12-125F-DOLLY	Not applicable

Approvals

 06 MAR 2019 Tester: David Carlson BT-CO/ENG3.5	 07 Mar 2019 Approver: Bill Scott BT-CO/NE BT-CO/ETP
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Test Summary

EN60065:2014+AC:2016				
19.7.x	Test	Application to EV Speakers	Applicable	Link(s) to Test(s)
1	Wall or ceiling mount apparatus with specified mounting means.	Example: Speakers with wall/ceiling mounts included, U brackets, ZX1i style arms	Y	REG000501003 / X1 & X2 Structural Ratings v4.xlsx
2	Wall or ceiling mount apparatus without specified mounting means.	Examples: Speakers with M8 or M10 threaded points, Ancra fittings	N	
3	Protective earthing termination provisions.	Examples: Powered loudspeakers, amplifiers	N	
4	Optocoupler clearance and creepage distance.	none	NA	
5	Cells and batteries comply with IEC 62133.	none	NA	
6	Creepage distances greater than table 11 minimum values.	none	NA	
7	Battery compartment adequate.	none	NA	
8	Construction requirement battery compartment.	none	NA	
9	Accessible and user-replaceable coin / button cell.	none	NA	
10	Group 3 optical radiation protection.	none	NA	
11	User-replaceable con / button cell warning.	none	NA	
12	Non-floor standing television warning.	none	NA	
13	User-replaceable coin / button cell marking.	none	NA	