



Main

Range of product	Harmony XD2
Product or component type	Complete joystick controller
Device short name	XD2
Mounting diameter	0.9 In (22 mm)
Bezel material	Black plastic

Complementary

[Ui] rated insulation voltage	500 V 3)IEC 60947-1 600 V 3)UL 508 600 V 3)CSA C22.2 No 14
[Uimp] rated impulse withstand voltage	6 KV IEC 60947-1
Operator position information	All positions
Notch per direction	1
Operator direction information	4 directions
Contacts type and composition	1 NO time delayed
Short-circuit protection	10 A gG (gl) Neozed cartridge fuse IEC 60947-5-1
Connections - terminals	Captive screw clamp terminals, 2 x 1.5 mm ² with or without cable end Captive screw clamp terminals, 1 x 0.5 mm ² with or without cable end Captive screw clamp terminals, 1 x 2.5 mm ² with or without cable end
Electrical durability	1000000 Cycles, AC-15 230 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 Cycles, AC-15 127 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 Cycles, DC-13 24 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 Cycles, DC-13 48 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 Cycles, DC-13 120 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 Cycles, AC-15 48 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C
Contact code designation	A600-Q600
Overvoltage category	Class I conforming to IEC 61140
Mechanical durability	1000000 Cycles
Fixing center	85 x 85 mm
Return	To 0 position
Height	5.7 In (146 mm)
Depth	1.6 In (40 mm)
Net weight	0.320 Lb(US) (0.145 kg)
[Ie] rated operational current	0.27 A 250 V, DC-13, Q300 IEC 60947-5-1 3 A 240 V, AC-15, A300

Environment

Standards	IEC 60947-5-1
Product certifications	CSA[RETURN]UL[RETURN]LROS (Lloyds register of shipping)
Protective treatment	TC
Ambient air temperature for storage	-40...158 °F (-40...70 °C)
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Vibration resistance	5 gn (f= 40...500 Hz) conforming to IEC 60068-2-6
Shock resistance	20 gn IEC 60068-2-27
IP degree of protection	IP66 conforming to IEC 60529

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.30 In (3.3 cm)
Package 1 Width	1.69 In (4.3 cm)
Package 1 Length	5.91 In (15.0 cm)
Package 1 Weight	5.6 Oz (159.0 g)
Unit Type of Package 2	S02
Number of Units in Package 2	48
Package 2 Height	5.91 In (15.0 cm)
Package 2 Width	11.81 In (30.0 cm)
Package 2 Length	15.75 In (40.0 cm)
Package 2 Weight	17.866 Lb(US) (8.104 kg)

Environmental data

Total lifecycle Carbon footprint	1 kg CO2 eq.
Carbon footprint of the manufacturing-phase [A1 to A3]	0.8868733426
Carbon footprint of the manufacturing-phase [A1 to A3]	0.9 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.049495608
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.0124879103
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	0.0110113333
Carbon footprint of the use phase [B2, B3, B4, B6]	0 kg CO2 eq.
Mercury free	Yes
RoHS exemption information	 Yes
Carbon footprint of the end-of-life phase [C1 to C4]	0.0886207781
Carbon footprint of the end-of-life phase [C1 to C4]	0.1 kg CO2 eq.
Environmental Disclosure	 Product Environmental Profile
Carbon footprint (kg CO2 eq, Total Life cycle)	1
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration
Circularity Profile	No need of specific recycling operations
WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins