

CERTIFICATE OF CONFORMITY

Low Voltage Directive (2006/95/EC), EMC Directive (2004/108/EC),
RoHS Directive (2011/65/EU), R&TTE Directive (1999/5/E)

RegistrationNO. : SHBST2012110105YER-1

Applicant : NEWHANK

Warder 186 A, 1473 PL Warder,Netherlands

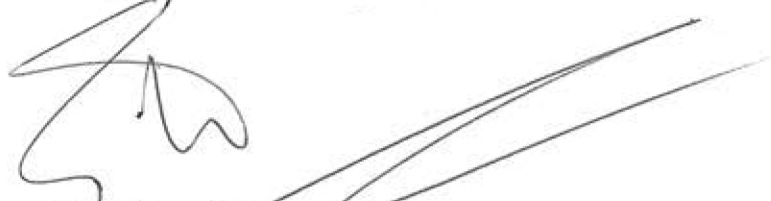
Product : Audio Product

ModelNo. : Powermate

Standards : EN55013:2001+A1:2003+A2:2006
EN 61000-3-2:2006+A1:2009+A2:2009
EN 61000-3-3:2008
EN 55020:2007+A11:2011(EN 61000-4-2:2009,EN 61000-4-3:2006,
EN 61000-4-4:2004,EN 61000-4-5:2006,EN 61000-4-6:2009,
EN 61000-4-8:1993+A1:2001,EN 61000-4-11:2004

The certificate of conformity is based on an evaluation of a sample of the above -mentioned product. Technical report and documentation are at the applicant's disposal. This is to certify that the tested sample is in conformity with all provisions of Annex I of council Low Voltage Directive (2006/95/EC), EMC Directive (2004/108/EC), RoHS Directive (2011/65/EU), R&TTE Directive (1999/5/E)

Jan29, 2016


Henk Boonstra,
Interstate Audio bv



Warder 186A 1473 PL Warder Tel: +31 (0) 653 482512 / Fax: +31 (0) 299 401101
Bank: ABN-AMRO 51.83.60.350 IBAN: NL25ABNA0518360350 BIC: ABNANL2A
België: ING 363-0459183-25

Interstate Audio bv KvK: 33 290 610 BTW nr.: NL 8157.41.728.B01

Op al onze leveringen zijn onze algemene voorwaarden van toepassing zoals gedeponeerd bij de Kamer van Koophandel te Alkmaar op 8 februari 2002 onder nummer D- 3523

TEST RESULTS SUMMARY

Test Items	Test Results
Power Line Conducted Emission Test	PASS
Radiated Emission	PASS
Harmonic Current	PASS
Voltage Fluctuation And Flicker	PASS
Electrostatic Discharge Immunity	PASS
Radiated Electromagnetic Fields Immunity	PASS
Electric Fast Transient Burst Immunity	PASS
Surge Immunity	PASS
Injected Currents Susceptibility Test	PASS
Voltage Dips And Interruptions Immunity	PASS

TEST EQUIPMENT USED

For Conducted Emission Test

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Test Receiver	Rohde & Schwarz	ESHS30	828985/018	Jun. 01, 12	1 Year
2.	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100006	Jun. 01, 12	1 Year
3.	L.I.S.N.	Rohde & Schwarz	ESH2-Z5	834549/005	Jun. 01, 12	1 Year
4.	Conical	Emtek	N/A	N/A	N/A	N/A
5.	Voltage Probe	Schwarzbeck	TK9416	N/A	Jun. 01, 12	1 Year
6.	Coaxial Switch	Anritsu	MP59B	6100214550	Jun. 01, 12	1 Year

For Radiated Emission Measurement

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	ANRITSU	MS2661C	6200140915	Jun. 01, 12	1 Year
2.	Test Receiver	Rohde&Schwarz	ESC830	828982/018	Jun. 01, 12	1 Year
3.	Bilog Antenna	Schwarzbeck	VULB9163	142	Jun. 01, 12	1 Year
4.	50 Coaxial Switch	Anritsu Corp	MP59B	6100237248	Jun. 01, 12	1 Year
5.	Cable	Schwarzbeck	AK9513	ACRX1	Jun. 01, 12	1 Year
6.	Cable	Rosenberger	N/A	FR2RX2	Jun. 01, 12	1 Year
7.	Cable	Schwarzbeck	AK9513	CRRX2	Jun. 01, 12	1 Year
8.	Cable	Schwarzbeck	AK9513	CRRX2	Jun. 01, 12	1 Year
9.	Signal Generator	HP	864A	3625U00573	Jun. 01, 12	1 Year

For Harmonic / Flicker Test

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Power Frequency test system	HAEFELY	PHF555	080419-03	Jun. 01, 12	1 Year

For Electrostatic Discharge Immunity Test

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	ESD Tester	HAEFELY	PSD 1600	H911792	Jun. 02, 12	Year

For RF Strength Susceptibility Test

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Signal Generator	HP	8648A	3633A02081	Jun. 03, 12	1 Year
2.	GUITAR AMPLIFIER	A&R	500A100	17034	NCR	NCR
3.	GUITAR AMPLIFIER	A&R	100W/1000M1	17028	NCR	NCR
4.	Isotropic Field Monitor	A&R	FM2000	16829	NCR	NCR
5.	Isotropic Field Probe	A&R	FLW220100	16755	Jun. 03, 12	1 Year
6.	Biconic Antenna	EMCO	3108	9507-2534	NCR	NCR
7.	Log-periodic Antenna	A&R	AT1080	16812	NCR	NCR
8.	PC	N/A	486DX2	N/A	N/A	N/A

For Electrical Fast Transient/Burst Immunity Test

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Burst Tester	HAEFELY	PEFT 4010	080981-16	Jun. 01, 12	1 Year

For Surge Test

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Surge Tester	HAEFELY	PSURGE4.1	080107-04	Jun. 01, 12	1 Year

For Injected Currents Susceptibility Test

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Simulator	EMTEST	CWS 500C	0900-12	Jun. 01, 12	1 Year
2.	CDN	EMTEST	CDN-M2	510010010010	Jun. 01, 12	1 Year
3.	VDN	EMTEST	CDN-M3	0900-11	Jun. 01, 12	1 Year
4.	Injection Clamp	EMTEST	F-2031-23MM	368	Jun. 01, 12	1 Year
5.	Attenuator	EMTEST	ATT6	0010222a	Jun. 01, 12	1 Year

For Magnetic Field Immunity Test

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Magnetic Field Tester	HEAFELY	MAG100.1	083858-10	Jun. 01, 12	1 Year

For Voltage Dips and Interruptions Test

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
2.	Dips Tester	HEAFELY	PLINE 1610	083732-18	Jun. 01, 12	1 Year