

Declaration of Conformity

(this list overrides all previous lists)

We, Manufacturer

Velleman Components
Legen Heirweg 33
9890 Gavere
Belgium

declare that

All products mentioned on list ref.: K1014 in addendum

if build and used according the instructions included in each KIT by qualified people may result in a product which can meet the directives in accordance with 89/336/EEC-EMC Directive (product dependant)

EN 55022	Limits and methods of measurement of radio interference characteristics of information technology equipment	EN 61000-4-2	Electromagnetic Compatibility for industrial process measurement and control equipment Part 2: Electrostatic discharge
EN 55014	Limits and methods of measurement of radio disturbance characteristics of electrical motor operated and thermal appliances for household and similar purposes, electric tools and electric apparatus	EN 61000-4-3	Electromagnetic compatibility for industrial process measurement and control equipment Part 3: Radiated immunity
EN 55011	Field strenght (CISPR22 level)		
CISPR15 -1996	Limits of Conducted disturbance at mains port	IEC60065	Audio, video and similar electronic apparatus Safety requirements
IEC60669-2-1	Electronic switches and associated electronic extension units for household and similar fixed electrical installations either indoors or outdoors.		

NOTE: The compliance is limited, since these Kits need further assembly.
Power supplies, cables, connected parts and soldering may alter the conformity.
Suitable enclosures could be needed.

Manufacturer

Date:13/10/2014

Signature: _____


Name: Stephan Santens
Technical Director

art. n°	Description	art. n°	Description	art. n°	Description
K1803	Universal preamplifier	K8008	Timer module for K8006 (*)	MK100	Xmas tree
K1823	1A power supply with LM317	K8009	Multifunction LED clock /display	MK101	LED heart
K2032	Low cost digital panelmeter	K8010	Mono Cass A valve amplifier	MK102	Blinking LEDs
K2543	Electronic transistor ignition	K8011	Class A mono valve amplifier module	MK103	LED light organ
K2567	20 cm led display "com anode"	K8012	Intelligent lead acid battery charger	MK104	Electronic cricket
K2568	20 cm led display "com cathode"	K8016	PC Function generator	MK105	Signal generator
K2570	5 to 14VDC / 1A regul. supply	K8020	High-end valve control amplifier	MK106	Metronome
K2572	Universal stereo preamplifier	K8021	High-end control amplifier	MK107	LED running light
K2573	Stereo RIAA preamp	K8022	Remote control. Preamp	MK108	Water alarm
K2579	Universal start/stop timer	K8023	10-Channel 2-wire remote	MK109	Electronic die
K2599	Wiper robot	K8024	Push button controlled dimmer(*)	MK110	Light organ (see note)
K2604	Police sirene	K8026	3,5A supressed dimmer(*)	MK111	Adjustable interval timer
K2622	AM/FM antenna amplifier	K8027	Relay module for K8006(*)	MK112	Brain game
K2625	Digital tachometer	K8028	Multifunctional dimmer(*)	MK113	4 siren sound generator
K2633	Quad relay card	K8029	Slow on / slow off dimmer(*)	MK114	Low voltage light organ
K2634	Quadriac switch card	K8030	Record playback module	MK115	Pocket VU meter
K2636	AC motor control	K8028	MultifunCional dimmer(*)	MK116	Riding santa
K2637	2,5W super mini audio power amp.	K8031	1 Channel PC scope	MK117	De Luxe Xmas tree
K2639	Liquid level controller	K8032	4 Channel running light	MK118	FM radio
K2644	Frost indicator with led	K8033	Power blinker(*)	MK119	Roulette
K4001	7W amplifier	K8033	Power blinker	MK120	IR light barrier
K4101	IR-transmitter for K4100 / K4500	K8034	Master slave power switch	MK121	Classic TV game
K4102	Guitar headphone and preamp.	K8035	Advanced up/down counter	MK122	Animated bell
K4301	Pink noise generator	K8036	Video cleaner	MK123	Rolling LED clock
K4304	VU-LED mono	K8037	Bus system dimmer (rep 8007)	MK124	Rolling message
K4305	VU-LED stereo	K8038	Power dimmer 1KW@230V	MK125	Light sens switch
K4306	Stereo VU-meter 2 x 15 leds	K8039	DMX Dimmer	MK126	Car alarm simulator
K4307	Audio power meter	K8040	Power amplifier	MK127	Microbug
K4401	Sound generator	K8041	Fan timer	MK128	Kitchen timer
K4600	VIDEO and RGB processor	K8042	Symetrical power supply	MK129	Crawling micro bug
K4700	2 channel loudspeaker protection	K8043		MK130	3D X-mas tree
K4701	Mono L.S. DC-protection	K8044	12 Etn ch. Light effect gen	MK131	Dual trafic light
K4900	Telephone amplifier	K8045	8 ch. LCD message with RS232	MK132	Cable tester
K5201	Light computer	K8046	User definable 8 ch touch panel	MK133	Quiz table
K5600R	Moving message display RED	K8039	DMX controlled dimmer	MK134	Steam engine generator
K5600G	Moving message display GREEN	K8047	4 channel recorder / logger through USB	MK135	Coin flipper
K6000	µP timer/controller	K8048	PIC program and experiment board.	MK136	Super stereo ear
K6001	Temperature sensor	K8049	15 channel IR transmitter	MK137	IR remote checker
K6002	Temperature controller	K8050	IR remote control receiver (rep K6711)	MK138	Mini thermostat
K6003	Temperature sensor with display	K8051	Remote stick	MK139	Clap ON/OFF switch
K6200	0-60 hour start/stop timer	K8052		MK140	Karaoke
K6400	Codeclock	K8053		MK141	SMD Happy Face
K6501	4ch telephone remote control	K8054		MK142	SMD X mas tree
K6502	Telephone controlled thermostat	K8055N	USB interface card	MK143	Flashlight
K6600	Multi tone chime	K8056	8 ch. Relay card with RS232	MK144	SMD flashing heart
K6706B/G	2 ch remote codeclock transmit	K8057	2 channel RF codeclock receiver	MK145	Halloween pumpkin
K6707	Remote codeclock receiver	K8058	8 channel RF transmitter (R&TTE doc on site)	MK146	Pocket VU meter
K6708	IR Codeclock transmitter	K8059	2 channel RF codeclock transmitter (R&TTE doc on site)	MK147	LED stroboscope
K6709	IR Codeclock receiver	K8060	200W discrete power amplifier	MK148	LED warning light
K6710	15-Channels IR transmitter	K8061	Extended USB interface card	MK149	Love tester
K6711	15-Channels IR receiver	K8062	USB controlled DMX interface	MK150	Shaking dice
K6713	1-channel IR-receiver	K8063	RS232 controlled digit	MK151	4 digit clock
K6714	Universal relay card	K8064	DC controlled dimmer (K8003 replacement)(*)	MK152	Wheel of fortune
K6727	Two channel codeclock receiver	K8065	Pocket generator	MK153	Jumbo single digit clock
K7000	Signal tracer/injector	K8066	3W mono amplifier	MK154	ER tool
K7101	Life wire detector	K8067	Temperature sensor	MK155	Magic message
K7102	Metal detector	K8068	Dimmer for electronic transformers(*)	MK156	
K7200	0-30V / 0-10A labo power supply	K8070	One channel output receiver for K8058	MK157	LCD message board
K7203	3 to 30V / 3A power supply	K8071	1W / 3W Power LED driver	MK158	LCD message+ enclosure
K7300	Universal battery charger	K8075	Power saver/timer(*)	MK159	Brain game
K7105	Handheld LCD oscilloscope	K8076	Pic programmer board	MK160	GSM remote control
K8000	Computer interface board	K8077	100W subwoofer kit(*)	MK161	2 channel IR receiver
K8001	PLC module for K8000	K8078		MK162	2 channel IR transmitter
K8004	DC to pulse width modulator	K8079		MK163	IR volume control
K8005	Stepper motor card	K8080		MK164	IR volume control + enclosure
K7302	Low cost Ni Cd - Ni MH charger	K8081	Powerblock	MK165	Crawling bug
K8006	Domotica light system base (*)	K8082	Codeclock	MK166	Animated ghost
K8007	Dimmer module for K8006 (*)	K8082	Safe style code lock	MK167	Electronic candle
		K8084	Volume and tone control	MK168	Alarm sensor simulator
		K8086	Telephone ring detector with relay+LED	MK169VR	Flashing LED star (Yellow or Red)
		K8087	Telephone ringer with buzzer +LED	MK170	60LED multi effect star
		K8088	RGB controller	MK171	Voice changer
		K8089	Big digital clock	MK172	Sound Star
		K8090		MK173	6- LED chaser
		K8091E	LED clock with slow on fuction	MK174	Record playback project
		K8092	Proximity switch	MK175	Animated LED smiley
		K8095	MP3 player project	MK176	LED chevron arrow
		K8098	Audio analyser	MK177	Ding Dong
		K8099	Nixie clock (see note)	MK178	Brake light
				MK179	Card reader
				MK180	2 channel LED blinker
				MK181	AC power LED (see note)
				MK182	Digital Echo chamber
				MK183	USB Xmas tree
				MK184	RGB candle
				MK185	Solar bug

* To Comply a suitable enclosure must be used, or built into a complient application

art. n°	Description	art. n°	Description
MK188	<i>Puls pause kit van VM188</i>		
MK189	<i>12V car bat monitor</i>		
MK190	<i>2x5W amplifier</i>		
MK191	<i>TV tennis game</i>		
MK193	<i>3D led cube 3x3x3</i>		
MK194	<i>FM radio</i>		
MK195	<i>Voice rec playback</i>		
MK196	<i>AC power LED (2pcs)</i>		
EDU01	<i>Solderless starterkit</i>		
EDU02	<i>Solar edukit</i>		
EDU05	<i>USB tutor module</i>		
EDU06	<i>Oscilloscope tutor</i>		
EDU08	<i>EDU LCD scope</i>		
EDU09	<i>EDU scope</i>		
EDU10	<i>USB PIC tutor</i>		
K8018	<i>3D LED cube 5x5x5</i>		
K8025	<i>Video generator</i>		
K8101	<i>USB message board</i>		
K8096	<i>1 channel stepper motor card</i>		
K8097	<i>4 channel stepper motor card</i>		
K8200	<i>3D printer</i>		
K8094	<i>Rec playback kit</i>		
K8093	<i>Home alarm</i>		
KA01	<i>Arduino RGB shield</i>		
KA02	<i>Arduino audio shield</i>		
KA03	<i>Arduino motor shield</i>		
KA04	<i>Arduino ethernet shield</i>		
KA05	<i>Arduino I/O shield</i>		
KA06	<i>Arduino LCD shield</i>		
KA07	<i>Arduino RTCC shield</i>		
KA08	<i>Arduino Yun I/O shield</i>		
K8019	<i>Card reader</i>		
K8400	<i>Vertex 3D printer</i>		