




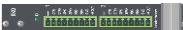








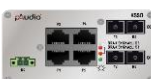

















VOICE ALARM SYSTEM - IVO

PHOTO	PRODUCT CODE	DESCRIPTION
MAIN UNITS		
	KG-ETH	Main controller, monitoring speaker, messages PCM memory card, monitored 17 alarm inputs, 2 outputs relays, RS232/485, MODBUS, USB, LAN/WAN, LCD display 128x64, fully programmed operator buttons, digital communication, 24/48 V DC, 3U, 19", 17 free expansion slots for IVO system cards (68HP space)
	KG-ETH-MAR	Main controller, alarm microphone hand-held PTT, monitoring speaker, messages PCM memory card, monitored 17 alarm inputs, 2 outputs relays, RS232/485, MODBUS, USB, LAN/WAN, LCD display 128x64, fully programmed operator buttons, digital communication, 24/48 V DC, 3U, 19", 17 free expansion slots for IVO system cards (68HP space)
	KAS	Expansion subframe with up to 20 free expansion slots for IVO system cards (80HP space), 24/48 V DC, 3U, 19"
	WZ	Subframe digital bus card, 24/48 V DC, 4HP/3U
	MAS	Blank cover, 4HP/3U
	KKO	Microphone input card, up to 1 alarm microphone or up to 8 paging consoles or up to 8 intercoms, digital communication, 24/48 V DC, 4HP/3U eurocard
	2LG	2 speaker lines 100 V output card, 2 lines or loop configuration, impedance or pilot detection, 1000 W capacity, delay, 24/48 V DC, 8HP/3U eurocard
	2LG2	2 speaker lines 100 V output card, 2 lines or loop configuration, impedance or pilot detection, 1000 W capacity, delay, built-on volume by-pass relay, 24/48 V DC, 4HP/3U eurocard
	2LGA	Audio analogue input card, microphone or 0 dB, phantom 4HP/3U eurocard (extension)
	WAA	Audio analogue input card, microphone or 0 dB, phantom, digital communication, 24/48 V DC, 4HP/3U eurocard
	WSS	Analogue 8 alarm monitored inputs card, 100 ms delay, 24/48 V DC, 4HP/3U eurocard
	PPW	Low power control relays card, 8 relays outputs, 0,5 A/125 VAC (1 A/30 V DC) switch capacity each relay, 24/48 V DC, 4HP/3U Eurocard
	PPW2	High power control relays card, 6 relays outputs, 8 A/250 VAC (8 A/24 V DC) switch capacity each relay, 24/48 V DC, 4HP/3U eurocard
	KSS	Network card, redundant connection, point-point / multi-point, digital communication, 24/48 V DC, 4HP/3U eurocard
	KSSO24	Network / alarm microphone fiber optic module, ring connection, max distance 20 km, 24/48 V DC, DIN (TS35)
	KSSO	Network / alarm microphone fiber optic module, ring connection, max distance 20 km, 24/48 V DC, DIN (TS35)




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PHOTO	PRODUCT CODE	DESCRIPTION
	16SG	16 speaker lines 100 V output card, up to 125 W each line, impedance, 2X500 W capacity + 500 W backup, delay, 24/48 V DC, 1U, 19"
	16SGDIN	16 speaker lines 100 V output card, up to 125 W each line, impedance, 2X500 W capacity + 500 W backup, delay, 24/48 V DC, TS35 DIN rail
	8SG	8 speaker lines 100 V output card, up to 125 W each line, impedance, 2X500 W capacity + 500 W backup, delay, 24/48 V DC, 1U, 19"
	8SGDIN	8 speaker lines 100 V output card, up to 125 W each line, impedance, 2X500 W capacity + 500 W backup, delay, 24/48 V DC, TS35 DIN rail
MA series alarm (fireman) microphone console, „gooseneck“ microphones		
	MA10	Alarm (fireman) console, gooseneck mic, 5+10 fully programmable buttons, built-in monitor speaker, digital communication, 24/48 V DC, built in aluminum
	MA20	Alarm (fireman) console, gooseneck mic, 5+20 fully programmable buttons, built-in monitor speaker, digital communication, 24/48 V DC, built in aluminum
	MA30	Alarm (fireman) console, gooseneck mic, 5+30 fully programmable buttons, built-in monitor speaker, digital communication, 24/48 V DC, built in aluminum
	MA40	Alarm (fireman) console, gooseneck mic, 5+40 fully programmable buttons, built-in monitor speaker, digital communication, 24/48 V DC, built in aluminum
	MA50	Alarm (fireman) console, gooseneck mic, 5+50 fully programmable buttons, built-in monitor speaker, digital communication, 24/48 V DC, built in aluminum
	MA60	Alarm (fireman) console, gooseneck mic, 5+60 fully programmable buttons, built-in monitor speaker, digital communication, 24/48 V DC, built in aluminum
MAR series alarm (fireman) microphone console, „hand-held“ with PTT button microphones		
	MAR10	Alarm (fireman) console, hand-held PTT microphone, 5+10 fully programmable buttons, built-in monitor speaker, digital communication, 24/48 V DC, wall installation, built in aluminum
	MAR10K	Alarm (fireman) console, hand-held PTT microphone, 5+10 fully programmable buttons, built-in monitor speaker, digital communication, 24/48 V DC, wall installation, built in aluminum and in metal housing
	MAR20	Alarm (fireman) console, hand-held PTT microphone, 5+20 fully programmable buttons, built-in monitor speaker, digital communication, 24/48 V DC, wall installation, built in aluminum
	MAR20K	Alarm (fireman) console, hand-held PTT microphone, 5+20 fully programmable buttons, built-in monitor speaker, digital communication, 24/48 V DC, wall installation, built in aluminum and in metal housing
	MAR30	Alarm (fireman) console, hand-held PTT microphone, 5+30 fully programmable buttons, built-in monitor speaker, digital communication, 24/48 V DC, wall installation, built in aluminum

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PHOTO	PRODUCT CODE	DESCRIPTION
	MAR30K	Alarm (fireman) console, hand-held PTT microphone, 5+30 fully programmable buttons, built-in monitor speaker, digital communication, 24/48 V DC, wall installation, built in aluminum and in metal housing
	MAR40	Alarm (fireman) console, hand-held PTT microphone, 5+40 fully programmable buttons, built-in monitor speaker, digital communication, 24/48 V DC, wall installation, built in aluminum and in metal housing
	MAR40K	Alarm (fireman) console, hand-held PTT microphone, 5+40 fully programmable buttons, built-in monitor speaker, digital communication, 24/48 V DC, wall installation, built in aluminum and in metal housing
	MAR10KR	Alarm (fireman) console, hand-held PTT microphone, 5+10 buttons, speaker built-on, redundant fiber digital communication, 24 V DC/7 Ah power supply, wall installation, metal housing
	MAR20KR	Alarm (fireman) console, hand-held PTT microphone, 5+20 fully programmable buttons, speaker built-on, redundant fiber digital communication, 24 V DC/7 Ah power supply, wall installation, metal housing
MI series paging console „gooseneck“ microphones		
	MI10	Paging console, gooseneck microphone, 5+10 fully programmable buttons, built-in monitor speaker, digital communication, 24/48 V DC, built in aluminum
	MI20	Paging console, gooseneck microphone, 5+20 fully programmable buttons, built-in monitor speaker, digital communication, 24/48 V DC, built in aluminum
	MI30	Paging console, gooseneck microphone, 5+30 fully programmable buttons, built-in monitor speaker, digital communication, 24/48 V DC, built in aluminum
	MI40	Paging console, gooseneck microphone, 5+40 fully programmable buttons, built-in monitor speaker, digital communication, 24/48 V DC, built in aluminum
	MI50	Paging console, gooseneck microphone, 5+50 fully programmable buttons, built-in monitor speaker, digital communication, 24/48 V DC, built in aluminum
	MI60	Paging console, gooseneck microphone, 5+60 fully programmable buttons, built-in monitor speaker, digital communication, 24/48 V DC, built in aluminum
Accessories		
	INT2P	Fire & Emergency Intercom, in-wall installation, 2 light buttons, digital communication, 24/48 V DC
	INT2N	Fire & Emergency Intercom, wall installation, 2 light buttons, digital communication, 24/48 V DC
	PP	Cable connection ABS box unit for microphones consoles connection





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	MPT	Background noise microphone sensor for automated volume control
	VCT25	Volume attenuator 25 W with with priority paging override mode
	VCT80	Volume attenuator 80 W with with priority paging override mode

















WB series power amplifiers

	WB1500	Transformerless 1x500 W/100 V [RMS], very high efficiency class D, ultra-low energy consumption in standby mode, 24 V DC, 1U, 19"
	WB2500	Transformerless 2x500 W/100 V [RMS], very high efficiency class D, ultra-low energy consumption in standby mode, 24 V DC, 1U, 19"
	WB4500	Transformerless 4x500 W/100 V [RMS], very high efficiency class D, ultra-low energy consumption in standby mode, 24 V DC, 1U, 19"
	WB4150	Transformerless 4x150 W/100 V [RMS], very high efficiency class D, ultra-low energy consumption in standby mode, 24 V DC, 1U, 19"
	WB8150	Transformerless 8x150 W/100 V [RMS], very high efficiency class D, ultra-low energy consumption in standby mode, 24 V DC, 1U, 19"
	WB4200	Transformerless 4x200 W/100 V [RMS], very high efficiency class D, ultra-low energy consumption in standby mode, 24 V DC, 1U, 19"
	WB2200	Transformerless 2x200 W/100 V [RMS], very high efficiency class D, ultra-low energy consumption in standby mode, 24 V DC, 1U, 19"










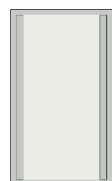
Power supply system

	ZDSOP24-K	Power Supply 24V, Complete Rack Cabinet 19" with batteries available in 24U up to 50U height".
	ZDSOP24-05-1	Power supply 24 V DC/500 W, 1 battery line for 2 batteries (not included), 1U, 19"
	ZDSOP24-1-1	Power supply 24 V DC/1000 W, 1 battery line for 2 batteries (not included), 1U, 19"
	ZDSOP24-2-1	Power supply 24 V DC/2000 W, 1 battery line for 2 batteries (not included), 1U, 19"

VOICE ALARM SYSTEM - IVO

PHOTO	PRODUCT CODE	DESCRIPTION
	ZDSOP24-1-2	Power supply 24 V DC/1000 W, 2 battery lines for 4 batteries (not included), 1U, 19"
	ZDSOP24-2-2	Power supply 24 V DC/2000 W, 2 battery lines for 4 batteries (not included), 1U, 19"
	ZDSOP24-3-2	Power supply 24 V DC/3000 W, 2 battery lines for 4 batteries (not included), 2U, 19"
	ZDSOP24-4-2	Power supply 24 V DC/3460 W, 2 battery lines for 4 batteries (not included), 2U, 19"
	BT07-12	Battery 7 Ah, 12v
	BT18-12	Battery 18 Ah, 12v
	BT28-12	Battery 28 Ah, 12v
	BT40-12	Battery 40 Ah, 12v
	BT55-12	Battery 55 Ah, 12v
	BT65-12	Battery 65 Ah, 12v
	BT80-12	Battery 80 Ah, 12v
	BT100-12	Battery 100 Ah, 12v
	BT120-12	Battery 120 Ah, 12v
	BT160-12	Battery 160 Ah, 12v
	BT200-12	Battery 200 Ah, 12v
	RCW	Rack wheels 4 pcs

VOICE ALARM SYSTEM - IVO

PHOTO	PRODUCT CODE	DESCRIPTION
	RCV	Rack ventilation panel
	RCF	Rack fabric cover
	RCACC 18u	Accessories for rack 18U / power supply
	RCACC 24u	Accessories for rack 24U / power supply
	RCACC 33u	Accessories for rack 33U / power supply
	RCACC 36u	Accessories for rack 36U / power supply
	RCACC 42u	Accessories for rack 42U / power supply
	RCACC 45u	Accessories for rack 45U / power supply
	RCACC 50u	Accessories set for rack 50U / power supply
	Rack24U600 RAL9005 P	Rack 19" 24U 600x600 mm , black
	Rack42U600 RAL9005 P	Rack 19" 42U 600x600 mm, black
	Rack45U600 RAL9005 P	Rack 19" 45U 600x600 mm, black
	Rack50U800 RAL9005 P	Rack 19" 50U 600x800 mm, black
AUDIO PLAYERS	ALINP	Active connection panel, RCA/XLR, built-in preamplifier
	eSAS-BT	Tuner FM, USB, SD oraz Bluetooth, remote controller, 1U, 19"
	DN-300Z	CD/Media Player with Bluetooth@/USB/SD/Aux and AM/FM Tuner
	DUO NET PLAYER	2 independent stereo media players, each one being able to play Internet audio streams and local or networked audio media.