

Security and Emergency Systems EN60849

VAIS1000

Model	Code	Description		
VAIS1000.2	25684	Modular Integrated system for voice evacuation in emergency condition, compliant to EN60849 and designed to be compliant also to EN54-16 . This is the master unit with fireman mic, with a digital matrix comprising 6 input channels for background music and USB input for MP3 music recorded inside an USB flash disk. There is also included a built-in MP3 evacuation and alert messages generator, 2 audio amplifiers 60W for 2 independent lines, 1 monitored spare audio amplifier used to replace the faulty one automatically, battery and charger, fire detection panel interface. Besides there is a LCD display, a PC connection by USB port for system set-up, RJ45 network connector to create an RS485 network with 16 VAIS1000 and 4 MBT VAIS1008 paging desk console for a maximum of 8 zones. Quick paging push buttons and audio source selection in emergency condition, push buttons for system monitor, fault display, alarm monitoring of the emergency conditions and possibility to give instructions by mean of the fireman mic. System maintenance to test all function.	€	2.664,33
MBT VAIS1008	25847	Paging microphone desk for normal announcements in 8 different zones. LED for presence of the primary power supply, presence of the secondary power supply, fault of any part of the system, fully operation of the system	€	338,01

EAS 6

Model	Code	Description		
EAS 6	27869	Compact audio system for Public Address and evacuation compliant to EN60849 norm, for small-medium scale installations. Easy configuration due to an automatic installation routine that recognizes all connected devices. Up to 6 power amplifiers and one back up amplifier can be connected. It's possible to connect 2 secured fireman microphone stations, MBT-EAS01. Speakerlines are monitored for short circuit, interruption, ground fault and impedance. Secured digital voice memory contains a message for evacuation and a sirene, compliant to DIN 33404. EAS 6 acts as a monitoring device compliant to EN60849. Up to 5 units digital microphone stations for paging, MBT-EAS06, can be connected to EAS 6 unit.	€	5.865,50
MBT-EAS06	27870	Digital Microphone station for 6 zones that allows remote control of the control center EAS 6 for background music and voice announcements.	€	414,56
MBT-EAS01	27871	Firemen call station electronically monitored compliant to EN60849. Measured values of the microphone capsule, entire signal path and the press-to-talk bar are detected and analyzed.	€	275,38

VA4Z - VA8Z

Model	Code	Description		
VA4Z	29482	Compact audio system for Public Address and evacuation compliant to EN60849 norm, for small-medium scale installations. The matrix consists of 4 audio inputs, 1 input for emergency broadcast microphone, 4 outputs for 4 independent zones. Monitoring of 4 100V Loudspeaker zones (max 500W per zone), Monitoring of 4 zone amplifiers + 1 backup amplifier. Full monitoring of the PSS microphone console (capsule, screen, touchpad, connections). Digital message player (4 messages, total length up to 2mins. 11secs.) Digital signal processing (DSP) Parametric equalization: 3 bands on inputs, 7 bands on outputs. Individual controls for each input and output level. Separate controls for the security modulation Designation of names to sources and zones; 9 programmable priority levels (contact or automatic detection activation)	€	4.129,71
VA8Z	29703	Audio system for Public Address and evacuation compliant to EN60849 and BS5839 part8 norms, for small - medium scale installations. This module includes a DSP, a matrix, a digital message player, a fully monitored firemen microphone, amplifiers monitoring with switchover to backup amplifier and loudspeaker lines monitoring. it can process and route one PSS security microphone console or up to 8 cascade PSM pagin microphones and 2 line inputs into 2 different channels (Music + Voice). Each input is fitted with volume controls and equalizers. Up to 16 digital messages can be downloaded and recorded as WAV files into a VA8Z. Two messages can be played simultaneously in different zones, with pre-programmed routings thanks to 9 alarm inputs. Each VA8Z has 8 output zones with a+b wiring and each zone is routed automatically or manually to Music or Voice. The music can be switched off in each zone separately. VA8Z requires only 2 amplifiers, one for voice and one for music. The music amplifier will act as a back up amplifier in case of Voice amplifier failure. All the components and the peripherals are constantly monitored without mt	€	3.244,91
VA4Z M	27827	Audio system for Public Address and evacuation compliant to EN60849 norm, for medium-large scale installations. The matrix consists of 4 audio inputs, 1 input for emergency broadcast microphone, 4 outputs for 4 independent zones. The system comprises the cascading of a VA4ZM master module and one or several VA4ZS slave modules. this module assembly extends the entire systems's capacity to 288 inputs x 256 outputs. Up to 12 digital messages can be downloaded and recorded as WAV files into a VA4Z. Four messages can be played simultaneously in different zones, with pre-programmed routings thanks to 4 alarm inputs. All the components and the peripherals are constantly monitored without music interruption and all incidents are recorded, in compliance with EN60849.	€	5.227,25
VA4Z S	27828	Slave module for the audio system for Public Address and evacuation compliant to EN60849 norm, for medium-large scale installations. The matrix consists of 4 audio inputs, 1 input for emergency broadcast microphone, 4 outputs for 4 independent zones.	€	3.636,61
VA4Z SU	29415	Fault back and switching optional module that will provide the VA4Z system with the fault back microphone: in case of failure of one or more master unit or slave units, the VA4ZSU will automatically connect one PSS microphone station directly to all amplifiers inputs, allowing the user of this system to make an all call announcement. Besides VA4ZSU is capable of a+b zone wiring on the same amplifier: when 2 speaker circuits are used in a zone, they can be connected to the same amplifier and this module will take care of the separate line surveillance, according to EN60849 and BS5839 part8 norms.	€	1.870,99
VA4Z XM		The same features of VA4Z M with in addition the Automatic Gain Control: one sensing microphone (PABFMP) could be connected to one of the audio inputs. This module will allow VA4Z to make an intelligent measure of the noise level and adapt the gain of the corresponding zone(s).	€	6.400,35
VA4Z XM S		Slave module with the same features of VA4Z S with in addition the Automatic Gain Control: one sensing microphone (PABFMP) could be connected to one of the audio inputs. This module will allow VA4Z to make an intelligent measure of the noise level and adapt the gain of the corresponding zone(s).	€	4.847,49
IDA-SEC	27829	Interface for surveillance of the microphones in compliance of EN60849.	€	308,19
SHM-1	29484	Security handheld microphone for firemen, used for all call, group or zone calls. The EN60849 surveillance is realised with the IDA-SEC interface.	€	357,89
SPM-1	27831	Security desktop microphone for firemen, used for all call, group or zone calls. The EN60849 surveillance is realised with the IDA-SEC interface.	€	471,23

Model	Code	Description		
PSS DT Touch Screen Security Paging Microphone consoles		Paging microphone console that is the interface for the VA4Z modules which groups together all the functions required by the EN60849 and BS5839 part 8 norms. It has a backlit touchpad for user friendly operations. It can be configured using a PC or using control keys and LCD screen of the VA4Z module to which it is connected. It is possible to assign the zones to different buttons, give name to the zones, zone groups, assign priorities, access to different messages, level adjustments, pre-call chime, press-to-talk, music on/off and music routing. LCD screen provides an overall view of busy zones and active sources. A built-in loudspeaker makes it possible to listen to all system generated messages and announcements. This console being a security system interface, is fully monitored (microphone capsule, power supply, touchscreen, audio and RS485 connections). Any system faults are detected, located and indicated clearly on the screen.		
PSS849	29483	It can manage 4 zones with the compact system VA4Z.	€	2.091,70
PSS24DT	27835	It can manage 24 zones with modules VA4ZM / VA4ZXM.	€	2.314,39
PSS96DT	31208	It can manage 96 zones with modules VA4ZM / VA4ZXM.	€	3.073,92
PSM8	29972	Paging microphone console with 8 push buttons for zone selection	€	751,58
PPM-JB	29973	Junction box for PSM8 and PPM8	€	63,63

Audio Matrix

MMS6X6

Model	Code	Description		
MMZ6020	31081	6-in x 6-out matrix for the control and amplification of 6 audio zones <ul style="list-style-type: none"> • 4 stereo inputs with link to connect another matrix (Tape, Tuner, CD, Aux) • 2 RS-485 connectors for the connection of two paging microphone consoles (MBT 6000) • 1 XLR-F (Aux Mic) input allows to connect a microphone input or a MB-T 6400 S, BF-T5043L console and can have priority over the RS-485 Mic input; moreover, 24V Phantom power is available on this input • 6 20Wrms amplifiers, each with 4ohm minimum output impedance • 6 RS-485 connectors (Zone Remote Control) for the connection of local remote controls that, through the IR remote control, allow to adjust: volume, high and low tones, power on/off and music programme selection (Tape, etc.) • 1 2x16 character display allowing to view the status of the 6 audio zones 	€	984,21
MMZ6000	31082	6-in x 6-out matrix for the control and amplification of 6 audio zones <ul style="list-style-type: none"> • Same features as the MMZ 6020 matrix, without the power outputs necessary for driving the loudspeakers 	€	775,44
MBT 6000	31083	Microphone console designed for the MMZ 6000/6020 matrixes, that can be connected to RS-485 interface <ul style="list-style-type: none"> • 1 stereo input with auxiliary Cinch RCA and the relevant volume • 4 switches per sector; 4 different "Ding-Dong" pre-call chimes • 1 main volume for the output signal • 7 buttons (not maintained) for closing selected + all zones and status LEDs • 1 three-position switch for microphone turning on (momentarily ON, permanent ON/OFF) 	€	345,96
TRC6000	31085	Kit including a TX 6000 transmitter (IR remote control) and a RX 6000 IR receiver <ul style="list-style-type: none"> • The maximum operation distance between the transmitter and the receiver is 20 m; no obstacles (unless transparent) can be placed between the transmitter and the receiver • The zone transmitter allows to adjust: volume, high and low tones, power on/off and input selection (tape, tuner, etc.) • The receiver is connected to the matrix through a 4-conductor telephone cable (max. length 500 m) ending with the RJ-45 connector (PIN 1,2,3,4) 	€	55,67
TX6000	31084	TX 6000 transmitter (IR remote control). The zone transmitter allows to adjust: volume, high and low tones, power on/off and input selection (tape, tuner, etc.)	€	27,84

Model	Code	Description		
RX6000	31137	RX 6000 IR receiver. The receiver is connected to the matrix through a 4-conductor telephone cable (max. length 500 m) ending with the RJ-45 connector (PIN 1,2,3,4)	€	27,84

Audio Digital Matrix

MMS6X6

Model	Code	Description		
MMS6X6	26874	Audio Digital Matrix with 6 inputs and 6 outputs for 6 independent zones. Remote control for each zone. Volume and tones levels controls for each output. Possibility to extend the unit for additional 6 zones. Additional audio input in the front panel of the matrix. Input for microphone paging desktop console for announcements in the selected zones. Record of the last configuration programmed. Nr. 6 preset that can be recalled at any time. Remote control with a PC through an RS232 serial link for programming.	€	1.888,89
CM01	26875	Remote comand with keyboard, flush mounting in recessed box A503 type. Volume level and music source selection.	€	213,74
MBT 6006	26898	Microphone desktop console for paging, with selection of zone where to send an announcement, or for general call.	€	472,22

Conference systems

CS series

Model	Code	Description		
		The innovative design makes the new CS series more than another discussion system. With the ECM capsule, the intelligent automatic mixing technology and integrated acoustic and mechanical design, the CS conference discussion system provide the turn key solution and deliver consistently natural, feedback free audio performance, with any environment. This system is ideal for discussion and meeting with up to 150 attendants. The system consists of 1 control and power supply unit (CU), maximum 150 delegates or chairman units.		
FBTAC CS 1CU	27510	Control Unit which controls the microphones of the chairman and delegate units as well as connects to other audio input and output. It also supplies the power for the CU itself and up	€	318,13
FBTAC CS 1DU	27512	Delegate microphone unit that enables the attendants to participate in a discussion by speaking through a microphone, controlled by a ON/OFF push button and listening discussion by the internal loudspeaker and external headphone. Goosneck microphone electret condenser. Dim (mm) withou mic 170x115x90; lenght of mic. 400 mm. weight 1100g.	€	144,15
FBTAC CS 1CH	27511	Chairman microphone unit that enables the attendants to participate in a discussion by speaking through a microphone, controlled by a ON/OFF push button and listening discussion by the internal loudspeaker and external headphone. It also supports the addition of a Priority button that enables the chairman to control the discussion by temporary or permanently overriding and deactivating all active microphones of the delegate units. Goosneck microphone electret condenser. Dim (mm) withou mic 170x115x90; lenght of mic. 400 mm. weight 1100g.	€	144,15
	31268	Shielded cable with 7 wires 0,14mmq for conference system CS series (price at mt)	€	1,99
	31269	Male DIN 7 pin connector for conference system CS series	€	11,43
	31270	Female DIN 7 pin connector for conference system CS series	€	11,43

Logos 300 N series					
	Model	Code	Description		
*	SLBC300 N	26930	Delegate microphone base with CAT 5 cable CV0470 (H microphone 53 cm.)	€	365,85
*	SLBC310 N	26931	President microphone base with CAT 5 cable CV0470 (without vote)	€	383,74
*	SLBC305 N	26920	Delegate microphone base with CAT 5 cable CV0470 (H microphone 53 cm.) (recess version)	€	365,85
*	SLBC315 N	26921	President microphone base with CAT 5 cable CV0470 (without vote), recess version	€	383,74
*	AASL300	26929	Interface power supply for 300N series	€	870,88
*	CV0470	26922	2 mt. CAT5 cable for series 300 and 500	€	14,91
*	CV0471	26923	5 mt. CAT5 cable for series 300 and 500	€	46,73
*	CV0472	26924	15 mt. CAT5 cable for series 300 and 500	€	131,23
*	CV0371	26925	5 mt. Line cable for series 300	€	50,70
*	CV0372	26926	15 mt. Line cable for series 300	€	144,15
*	"L"		SLBC300NL-SLBC310NL-SLBC305NL-SLBC315NL bases with H 65 cm. microphone (L is to be added to the model code)	€	29,82

Conference Systems and Simultaneous Translation

RX 2300

Description

Digital audio transfer system and point to point connection mode. The remote transmission will not influence sound quality.

The distance between two units can reach 150 m. Automatic test and recovery facility.

According to the location of equipment connection, it will automatically adjust the ID No.

- 8 Inch LCD, Italian and English 0menu, any language can be ordered
- Control of all the conference functions through panel navigation keyboard
- "PnP" Support
- Built in 7 frequency, 12dB digital Mixer to adjust output signal's tones
- MIC management mode: limited mode, to set the number of delegates that can speak at the same time (1/2/3/4/5/6)
- Microphone key, with "request-to-speak" registration (AUTO)
- Voice-activated microphones
- 4x (6P-DIN) trunk-line cable outlets. Each outlet can accommodate 30 PCF, thus each main unit can accommodate a maximum of 120 PCF
- System capacity can be extended by connecting the extension unit. The max. capacity is 65335 units
- The system can implement automatic video tracking when used with cameras
- The system can sign-in voting when used with the main unit for voting
- The system can transmit 4/8/16/64 languages when used with the main unit for simultaneous interpretation
- More than 200 language integrated; all unit LCDs display channel No
- In PC-control mode, more facilities

Conference System, voting and video control

Model	Code	Description		
RX-M2300	29106	RX M2300 Main unit	€	1.312,28
		<ul style="list-style-type: none"> • 3 CPU and 3 DSP Embedded hardware structure, more reliable and faster to operate • Digital audio technique, near-CD • Control of all the conference functions through panel navigation keyboard • "PnP" Support • Built in 7 frequency, 12dB digital Mixer to adjust output signal's tones • MIC management mode: limited mode, to set the number of delegates that can speak at the same time (1/2/3/4/5/6) • Microphone key, with "request-to-speak" registration (AUTO) • Voice-activated microphones • 4x (6P-DIN) trunk-line cable outlets. Each outlet can accommodate 30 PCF, thus each main unit can accommodate a maximum of 120 PCF • System capacity can be extended by connecting the extension unit. The max. capacity is 65335 units • The system can implement automatic video tracking when used with cameras • The system can sign-in voting when used with the main unit for voting • The system can transmit 4/8/16/64 languages when used with the main unit for simultaneous interpretation • More than 200 language integrated; all unit LCDs display channel No • In PC-control mode, more facilities 		

Model

Code

Description

RX-B2300	30143	<p>RX B2300 Main unit for voting</p> <ul style="list-style-type: none"> • PnP support • A single main unit for voting can connect 200-500 voting units. 65335 units can be connected via extension • It supports sign-in and later sign-in, and displays sign-in situation in real time • In combination with the corresponding software modules, various forms of voting can be implemented: <ul style="list-style-type: none"> - Parliamentary: agree/oppose/abstain, Pass-rate setup - Multi choice/ Opinion poll: 1/ 2/ 3/4/ 5 - Audience response/ Rating: --/ -/0/ +/ ++, possibility content setup function - Rating: 0/25/50/75/100, i.e. participants are considered as average fractions • The Main unit and the chairman unit can start sign-in and voting offline. The results will be displayed in the Main unit and in delegate LCDs • Vote counting takes only 1 sec • It supports IC card sign-in, delegates degree identification, IC card key, menu language setup etc 	€	1.169,12
RX-V2300	31161	<p>RX V2300 Main unit for Video tracing</p> <ul style="list-style-type: none"> • The Video tracing main unit is a module of the conference system RX2300. It can implement the automatic video tracking when used with the main unit of the central control system. When a delegate turns on the microphone, the camera will trace speaker location and display it in the video equipment. • The main unit of the central control system can set up video tracing directly • 8 cameras can operate simultaneously • Built in 8x4 channels video matrix, to simplify the video signals management • Video tracing of the last unit activated • When one mic is turned off, it will automatically trace the former unit • When all microphones are turned off, it will go back to panorama • Public agreement, compatible with all popular cameras • When unit location changes, the system will automatically correct the video to keep the proper location 	€	902,69

RX-C2300 Chairman Unit – RX-D2300 Delegate Unit

Model	Code	Description		
		<ul style="list-style-type: none"> • Digital audio transfer technique and point to point connection mode. The remote transmission will not influence sound quality. The distance between two units can reach 150m • 128x64 LCD to display conference messages and equipment status "PnP" support • Built in IC card reader, supporting IC card sign-in - delegates degree identification. IC card key, menu language setup, etc • Tabletop design, LCD and keys protection • Built in high fidelity speaker; speaker angle can be adjusted; when the MIC is turned on or earphones are connected, the speaker is automatically muted • Double stereo earphone output, volume can be adjusted • Built in channel selector that can transmit 8/16/64 languages and display CH No • 4 operating modes - Limited mode - FIFO mode - AUTO mode - Voice mode • Chairman unit has Priority and can switch off or mute the speaking units • Send/receive message function ☐œ If used with main unit and camera, it features the video tracing function • System supports 150 chairman units, can specify one unit as the main chairman and carries out the following functions <ul style="list-style-type: none"> - Selecting the operating mode - Starting sign-in and voting - Receiving or rejecting applicatic • In combination with the corresponding software modules, various forms of voting can be im 		
RX-C2300/00LBI	29107	Chairman console including video feature, 5 voting keys, messages, LCD display 128x64, speaker and IC card reader.	€	371,81
RX-D2300/00LBI	29108	Delegate console including video feature, 5 voting keys, messages, LCD display 128x64, speaker and IC card reader.	€	357,89
RX-C2300/08LBI	30350	Chairman console including video feature, 5 voting keys, messages, LCD display 128x64, speaker and IC card reader. Ready for simultaneous Translation with channel selector included, 8 channels transmission and display of the selected one.	€	512,98
RX-D2300/08LBI	30349	Delegate console including video feature, 5 voting keys, messages, LCD display 128x64, speaker and IC card reader. Ready for simultaneous Translation with channel selector included, 8 channels transmission and display of the selected one.	€	495,09
RX-N2800	30144	<p>IC CARD</p> <ul style="list-style-type: none"> • Messages included • Can record delegate information • Dimensions: 100x65mm 	€	5,96

Model	Code	Description		
RX-CR2800	30358	IC CARD WRITER <ul style="list-style-type: none"> • Loads IC card messages via software • Size 150x118x100mm • Colour white • Weight 0.6 Kg 	€	590,53
SW-2300	31224	PC SOFTWARE for RX2300 conference system management, including video tracing, voting function and IC card writing. <ul style="list-style-type: none"> • Operating system Windows XP required • extremely easy to configure several mode of conferencing, camera management, with possibility of preset recall. You can also configure voting features with several kind of results display. 	€	2.485,38

RX-9000 Simultaneous Translation System

Model	Code	Description		
RX-M9008	30355	RX M9008 Main unit for Simultaneous Translation <ul style="list-style-type: none"> • Digital audio code & decode and decompression techniques, near-CD sound quality • 8CH16CH64CH simultaneous interpretation function. For large audience, it can be used with the infrared language distribution system • 4 ports, cascade connection; it can connect 80 interpreter units, 160 channel selectors • It is used with the main unit of central control • Several analogue audio outputs, perfect for recording • Aluminium alloy, smart and durable, complying with the principles of sustainable engineering • It ca be used by 2 persons, complying with IEC60914 • Input and output channel control for the quick selection of language channels • Channels interlock facility, busy channels display function • RELAY interpretation function • "Mute" facility to prevent unnecessary voice to be transmitted • "Speak slowly" facility to alert the current speaker to slow down • "Request help" function, the interpreter can press the key to ask for help 	€	1.487,25
RX-E9008	30354	RX E9008 double interpreter unit <ul style="list-style-type: none"> • 4CH,8CH,16CH,64CH simultaneous interpretation function. For large audience it can be used with the infrared language distribution system • Cascade connection, it can connect with 80 interpreter units, a maximum of 160 channel selectors • It is used with the central control main unit • Several analogue audio outputs, perfect for recording • Aluminium alloy, smart and durable. It can be used by 2 persons, complying with IEC60914 • Input and output channel knob for the quick selection of language channels • Channels interlock facility, busy channels display function • RELAY interpretation function • "Mute" facility to prevent the unnecessary voice to be transmitted • "Speaking slowly" facility to alert the current speaker to slow down • "Unidirectional electret condenser MIC with light indicator • Move pole, easy to transport and maintain • Double earphone and MIC socket (3.5mm), the volume can be adjusted. When external MICs are connected, the public MIC is automatically turned off to prevent howl • The menu can be shown in 2 languages: Italian and English • The LCD shows the operating state in real time 	€	1.033,92
RX-E92	30356	Microphone Headphone used in the system unit for simultaneous interpretation to listen and speak High articulation and high fidelity	€	29,82

RX-064 Infrared Language Distribution System

Model	Code	Description		
RX-M004XP	30353	<p>Main Infrared Unit for 4 channels</p> <ol style="list-style-type: none"> 1. Streamline design, complying with the principles of sustainable engineering 2. The fixed frequency reception way of the traditional simulation systems has been replaced by the new rolling code (2m-13m) digital transmission. The following problems have been completely solved: crosstalk, high frequencies interference with lamp-house, noise. 3. Receivers with LCD display channel No volume, signal station and low batteries in infrared signal area. The number of receivers is not limited. 4. 120° reception angle, it can move freely in infrared signal area. 5. Free channels are automatically displayed. If all available channels are working no free channel will be displayed in channel selection . 6. 4 navigation touch Keys to adjust volume and select a maximum of 64 channels 7. "Any touch-keystroke" switch: when earphones are connected, the system will be started pressing any key. 8. It will mute automatically when the signal is too low, to prevent noise. 9. One box can contain up to 72 receives, to simplify their transport. 10. When earphones are taken off the system will automatically turn off. If there is no signal, 	€	685,96
RX-M008XP	31162	<p>Main Infrared Unit for 8 channels</p> <ol style="list-style-type: none"> 1. Streamline design, complying with the principles of sustainable engineering 2. The fixed frequency reception way of the traditional simulation systems has been replaced by the new rolling code (2m-13m) digital transmission. The following problems have been completely solved: crosstalk, high frequencies interference with lamp-house, noise. 3. Receivers with LCD display channel No volume, signal station and low batteries in infrared signal area. The number of receivers is not limited. 4. 120° reception angle, it can move freely in infrared signal area. 5. Free channels are automatically displayed. If all available channels are working no free channel will be displayed in channel selection . 6. 4 navigation touch Keys to adjust volume and select a maximum of 64 channels 7. "Any touch-keystroke" switch: when earphones are connected, the system will be started pressing any key. 8. It will mute automatically when the signal is too low, to prevent noise. 9. One box can contain up to 72 receives, to simplify their transport. 10. When earphones are taken off the system will automatically turn off. If there is no signal, 	€	1.411,70
RX-E004XP	30351	<ul style="list-style-type: none"> • Infrared Receiver Unit for 4 channels • The fixed frequency reception way of the traditional simulation systems has been replaced by the new rolling code (2MHz-13MHz) digital transmission. The following problems have been completely solved: crosstalk, high frequency interference with lamp-house, noise • New digital audio technique with multichannel IR DSP built in DSP, and processing speed up to 100MIPS • One infrared radiator has 64 channels. No crosstalk between these channels • Innovative digital audio coding/decoding and decompression technique, to achieve near-CD quality sound • The LED of the Main unit can show channel's operating state, model state, level input state • The Main unit has 4 digital signal output (BNC); in case of long-distance transmission, the signal will not be attenuated. Each channel can connect 4 radiators. If a digital amplifier is added, the radiation can be expanded without limits • New digital "keep secret" function: device complete protection is secret • Receivers have a LCD that displays channel No volume level, battery state and signal state • Unit's selection through touch-key to adjust the volume and choose 0-63 channels • In the infrared radiation area, the total number of receivers is not limited. 120 reception ang Headphones stereo output 3,5mm 	€	165,03
RX-E008XP	31164	<p>Colour: Gray. Weight: 0,1 kg</p> <ul style="list-style-type: none"> • Infrared Receiver Unit for 8 channels • The fixed frequency reception way of the traditional simulation systems has been replaced by the new rolling code (2MHz-13MHz) digital transmission. The following problems have been completely solved: crosstalk, high frequency interference with lamp-house, noise • New digital audio technique with multichannel IR DSP built in DSP, and processing speed up to 100MIPS • One infrared radiator has 64 channels. No crosstalk between these channels • Innovative digital audio coding/decoding and decompression technique, to achieve near-CD quality sound • The LED of the Main unit can show channel's operating state, model state, level input state • The Main unit has 4 digital signal output (BNC); in case of long-distance transmission, the signal will not be attenuated. Each channel can connect 4 radiators. If a digital amplifier is added, the radiation can be expanded without limits • New digital "keep secret" function: device complete protection is secret • Receivers have a LCD that displays channel No volume level, battery state and signal state • Unit's selection through touch-key to adjust the volume and choose 0-63 channels • In the infrared radiation area, the total number of receivers is not limited. 120 reception ang Headphones stereo output 3,5mm <p>Colour: Gray. Weight: 0,1 kg</p>	€	248,54

RX-E62A	29115	Headset to be used with both infrared receivers and with microphone consoles with headset output. output impedance 32 ohm/64ohm, frequency response 120Hz-15kHz	€	9,94
RX-H004XP	30352	15W Infrared radiator for 4 channels, with high radiation power, radiation distance up to 50M, radiation angle up to 90°. The total number of receivers is not limited. 120 reception angle. Free movement. Aluminum chassis, dim. 400x200x70mm, black colour, weight 6Kg.	€	1.220,82
RX-H008XP	31163	15W Infrared radiator for 8 channels, with high radiation power, radiation distance up to 50M, radiation angle up to 90°. The total number of receivers is not limited. 120 reception angle. Free movement. Aluminum chassis, dim. 400x200x70mm, black colour, weight 6Kg.	€	2.256,73
6P cable	30455	Cable for both conference and simultaneous translation systems (price for mt)	€	5,96
RX-CB072	30357	Infrared receivers charging case that can contains 72 receivers RX-E004XP and RX-E008XP, supplied with power cords and wheels for transport.	€	1.330,18

Intercom System

Model	Code	Description		
INTERCOM 1300	18083	Intercom system with microphone base and loudspeaker with power supply.	€	920,58

Microphones, microphone bases and accessories

Hand-held microphones

Model	Code	Description		
MD-S 1100	10040	Dynamic cardioid microphone with switch and XLR connector.	€	33,80
MD-S 1300	10042	Dynamic hypercardioid microphone with switch and XLR connector.	€	93,45

Boundary microphones

Model	Code	Description		
FBTAC CM-601	27516	Boundary microphone specifically designed for conference, house of worship and theater applications. This microphone features red led indicator, 3 step Low-Cut switch and back electric cardioid condenser capsule. The membrane ON/OFF switch can be programmed to Push ON/ Push OFF, or Push to Talk and Push to Mute 3 modes. The precisely calculated circuit plus tailored capsule response ensure transparent sound quality. Internal shock mount minimizes mechanical noise. Output connector 3 pin Mini XLR-M type, Phantom Power 36-52 VDC, Net Weight 88gr.	€	114,33

Gooseneck microphones

Model	Code	Description		
FBTAC GM 5218L	27513	*Excellent polar pattern allows outstanding miking *High quality gooseneck permits accurate positioning	€	59,65
FBTAC GM 5212L	27514	*Excellent polar pattern allows outstanding miking *High quality gooseneck permits accurate positioning	€	55,67
FBTAC GM 5206L	27515	*Excellent polar pattern allows outstanding miking *High quality gooseneck permits accurate positioning *High sensitivity allows sound pick-up smartly *Equipped with XLR connector ; Gooseneck Length: 152 mm,	€	51,70

Gooseneck microphones

Model	Code	Description		
MC-F 5042	10044	Electret microphone with gooseneck Ø 19 x 424 mm complete with XLR connector.	€	106,37
MD-F 5044	10045	Dynamic cardioid microphone with gooseneck Ø 29 x 438 mm complete with XLR connector.	€	54,68
MD-F 5045 S	10046	Dynamic cardioid microphone with push-to-lock switch, gooseneck Ø 29 x 440 mm complete with XLR connector.	€	75,56
MD-F 5045 SI	15294	Dynamic cardioid microphone with push-to-talk switch, gooseneck Ø 29 x 440 mm complete with XLR connector.	€	75,56

Microphone bases

Model	Code	Description		
FBTAC ST 5050	27499	Universal Gooseneck Microphone Base. *This stylish gooseneck mic base is of flat response. *The switch is programmed to have Push On/Push Off, Push To Talk, and Push To Mute features. *Mic type selecting switch is designed for optimum miking effect. *This unit can be powered by both phantom 48-52 V and 9V battery.	€	89,47
SF-I6306	10050	Flush-mounting anti-vibration support for gooseneck microphones with XLR connector	€	33,80

Microphone bases with gooseneck and swich				
Model	Code	Description		
MB-T 6400 S	28840	Desktop base with ON - OFF PTL switch, gooseneck with dinamic cardioid microphone, complete with preassembled cable with XLR connector and 2 wires for priority (or chime).	€	99,42
FBTAC ST 850	27500	Wireless and Wired Gooseneck Microphone. *The ST-850 is compatible with transmitters PT-850B. *The product works with transmitters power. *When transmitters are unavailable simply connect the ST-850 to a microphone cable with phantom power. It works as a normal gooseneck microphone. *Automatic wired / wireless mode transformation; no switch is needed	€	134,21
BF-T 5043 L	18322	Desktop base with ON-OFF PTL soft switch, complete with lamp ring and with 5 mt preassembled cable with XLR connector; it's also included an electret microphone with condenser, uni-directional, with goosneck, XLR male connector	€	169,01

Microphone cables, stands and accessories				
Model	Code	Description		
CM-S 2 C	11865	Microphone cable with two shielded conductors	€	1,49
CI-M 5X	11856	5-metre preassembled cable with XLR-FX and XLR-MX connectors	€	15,91
CI-M 5D	11857	5-metre preassembled cable with XLR-FX and 3-pin DIN connectors	€	15,91
CI-M 5J	11858	5-metre preassembled cable with XLR-FX and 6.3 mm Jack	€	15,91
CI-M 10X	17140	10-metre preassembled cable with XLR-FX and XLR-MX connectors	€	20,88
CI-M 15X	17048	15-metre preassembled cable with XLR-FX and XLR-MX connectors	€	22,87
CI-M 20X	18144	20-metre preassembled cable with XLR-FX and XLR-MX connectors	€	24,85
CI-M 30X	18145	30-metre preassembled cable with XLR-FX and XLR-MX connectors	€	30,82
MS 30 BK	18245	Floor base with adjustable telescopic pole	€	43,74
ASG 230	11864	Boom for MS30BK and BT-P300 floor bases	€	27,84
TB 30 BK	18248	Cast iron desktop bases with adjustable telescopic pole	€	55,67
SU 30	11586	Universal stand with clamp for hand-held microphones	€	3,98

Pre-amplified Microphone bases with gooseneck and swich				
Model	Code	Description		
MB-T 8001	19543	Pre-amplified microphone console with gooseneck and 3-position switch, PTL - OFF - PTT, chime and emergency signals.	€	263,45
MB-T 8004	11828	Microphone base with gooseneck and 3-position switch, PTL - OFF - PTT, 4 zones selection, chime and emergency signals.	€	298,25
MB-T 8006	30384	Desk console with cardioids dynamic microphone • 1 three-position switch for microphone turning on (momentarily ON, permanent ON/OFF) • multiconductor cable (5 m) for the connection with plug-in connectors with amplifier MMA6120 TCD/MP3 and MMA6240 TCD/MP3 • 7 buttons (maintained) for closing selected + all zones and status LEDs	€	278,36
MB-T 8008	12122	Microphone base with gooseneck and 3-position switch, PTL - OFF - PTT, 8 zones selection, chime and emergency signals.	€	338,01
MB-T 8024	21386	Microphone base with gooseneck and 3-position switch, PTL - OFF - PTT, 24 zones selection, chime and emergency signals.	€	497,08
AL8000	17074	Power supply +15/-15V for pre-amplified microphone consoles of MBT8000 series.	€	54,68

Accessories					
Model	Code	Description			
STH02-022	13360	Multipair shielded cable 2x2x0,22	€		2,98
STH05-022	13103	Multipair shielded cable 5x2x0,22	€		3,98
STH09-022	13104	Multipair shielded cable 9x2x0,22	€		5,96

VHF Wireless microphones and accessories

Wireless microphones and accessories					
Model	Code	Description			
WM705 A/L		Wireless lavallier and headset microphone complete with receiver and power supply			
	15728		Frequency 212,00 Mhz	€	167,02
	14827		Frequency 181,00 Mhz	€	167,02
	14829		Frequency 199,00 Mhz	€	167,02
	14828		Frequency 203,00 Mhz	€	167,02
	14830		Frequency 207,00 Mhz	€	167,02
LM-10	13544	Lavallier microphone		€	17,89
HM-26	13543	Headset microphone		€	31,81
AVL 606	14142	Headset waterproof microphone		€	69,09
WM 505		Hand-held wireless microphone complete with receiver radio frequency, power supply			
WM 505/175	11573		Frequency 175,00 Mhz	€	164,04
WM 505/214	11574		Frequency 214,00 Mhz	€	164,04
WM 505/216	11575		Frequency 216,00 Mhz	€	164,04
WM 505/204	14922		Frequency 204,00 Mhz	€	164,04
WM 505/212	14923		Frequency 212,00 Mhz	€	164,04
WM 505/203	14924		Frequency 203,00 Mhz	€	164,04

UHF Wireless microphones and accessories

UHF PLL Diversity Receivers					
Model	Code	Description			
FBTAC US 902D	27492	UHF Dual Channel PLL Wireleess Diversity Receiver. Frequency Range 494MHz-870MHz. Preset 16 UHF channels, selectable in the range 782MHz-806MHz. Available for 2 transmitters (FBTAC Mh750, FBTAC Mh920, FBTAC PT850B). *The easy, affordable way to use with the PLL synthesized multi-channels. *Diversity technology permits minimum dropouts in the RF link. *Noise mute and pilot tone squelch circuit eliminate unwanted signal and noise interference. *Lock-on function is provided. *LCD display. *Equipped with unbalanced and balanced outputs. *Tuned antennas extend the effective range of the wireless link. *1 U rack metal housing	€		268,42
FBTAC US 8001D	27493	UHF Single Channel PLL Diversity Receiver. Frequency Range 494MHz-870MHz. Preset 16 UHF channels, selectable in the range 782MHz-806MHz. *Available for 1 transmitter (FBTAC Mh750, FBTAC Mh920, FBTAC PT850B). *Diversity technology permits minimum dropouts in the RF link. *PLL synthesized technology for multi-channels. *Noise mute and pilot tone squelch circuit eliminate unwanted signal and noise interference. *Equipped with both XLR balanced and unbalanced outputs. *Tuned antennas maximize the effective range of the wireless link. *1/2 U rack housing benefits space saving.	€		161,05

UHF PLL Handheld Transmitters				
Model	Code	Description		
FBTAC Mh 920	27496	UHF PLL Handheld Transmitter. Frequency Range 782MHz-806MHz. *PLL synthesized oscillator type . *Advanced circuit ensures stable signal transmission. *Extended dynamic range and smooth frequency response. *Advanced circuit and tone-key squelch permit interference-free. *Interchangeable capsule module benefits convenient replacement. *Internal antenna design benefits unique styling. *16 switchable channels . *The "lock-on" function avoids accidental interruption.	€	183,92
FBTAC Mh 750	27494	UHF PLL Handheld Transmitter. Frequency Range 782MHz-806MHz. *PLL synthesized control. *Advanced circuit ensures stable signal transmission. *Tone-key squelch. *Extended dynamic range and smooth frequency response. *The durable plastic housing offers light weight. *Internal antenna design. *16 switchable channels.	€	134,21

UHF PLL Body-Pack Transmitters				
Model	Code	Description		
FBTAC PT 850B	27495	UHF PLL Body-Pack Transmitter. Frequency Range 782MHz-806MHz. *PLL synthesized oscillator type. *Powered by AA batteries. *Equipped with 4P Mini XLR connector. *Compact, durable plastic housing. *Compatible with lavalier or headset microphones. *Carry case allows for attaching with belt. *LED display.	€	109,36

Accessories (microphones)				
Model	Code	Description		
FBTAC CM501	27497	Condenser Lavalier Microphone *Uni-direction for high-quality voice pick-up. *Wide dynamic range and frequency response for excellent sound reinforcement. *Small size for minimum visibility. *Together with clip for easy attaching to a tie, lapel, dress etc. Specification: *Optional Connector: 1.4P Mini XLR - 2.φ3.5 plug *Frequency Response:100~15,000Hz *Polar Pattern:Cardioid *Sensitivity (at 1000Hz): -60±3 dB* (1mV)*0dB=1V/μbar,1kz *Impedance: Rated impedance is 2.2kΩ *Max. SPL for 1% THD:130dB *Dimension(mm) : φ10.1 * 26.4(H) *Net Weight : 21.5	€	34,80
FBTAC CX 504	27498	Condenser Headset Microphone *Uni-direction for high-quality voice pick-up. *Excellent gain-before-feedback and noise isolation. *Lightweight benefits great freedom and mobility. *Ergonomic design ensures comfortable wearing. Specification: *Optional Connector: 1.4P Mini XLR - 2.φ3.5 plug *Frequency Response:30~18,000Hz * Polar Pattern:Cardioid * Sensitivity (at 1000Hz):-68±3 dB* (0.4mV)*0dB=1V/μbar,1kz *Impedance: Rated impedance is 680kΩ *Max. SPL for 1% THD:130dB *Dimension(mm) : 285(W)*111.3(D)*55(H) *Net Weight : 56.3g	€	79,53

Preamplifier equipment

Preamplifier				
Model	Code	Description		
M12X4	18147	Mixer preamplifier 12 inputs and 4 outputs.	€	377,78

4 zone preamplifier				
Model	Code	Description		
MMZ 8004 S	19812	Preamplifier/ mixer with 10 inputs and 4 outputs; selectors enable routing of each input on each output; priority on music; gating function to enable an "automixer" feature; management of emergencies; optional automatic level control according to background noise.	€	1.227,78

Accessories				
Model	Code	Description		
MMZ-VRC	12567	Volume remote control card	€	78,54
MMZ-AR	12566	Acoustic remote control card	€	95,44
CL-8004	12937	Bus linking cable for MMZ8004	€	27,84

Management and control equipment

Matrix mixer

Model	Code	Description		
MMS 4004	11826	4X4 matrix mixer (Multizone Managing System)	€	516,96

Zone paging unit

MZU 2008	12944	Zone paging unit for 8 zones	€	467,25
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Power units

Multi-channel 100V Power Units

Model	Code	Description		
MPU		Monoblock unit 60W to 480W • Output with transformers for 100V and 70V lines • Frequency response 40Hz to 20kHz • 40Hz internal high-pass filter • Thermal and short-circuit protections • 2 U rack Dim. (482x88x430mm).		
MPU 2120	31080	2 power units and 2 line transformers 70V and 100V, with the possible configurations 2x120W or 1x240W.	€	715,79
MPU 4060	31079	4 power units and 4 line transformers 70V and 100V, with the possible configurations 4x60W or 2x120W.	€	835,09
MPU 4120	31059	4 power units and 4 line transformers 70V and 100V, with the possible configurations 4x120W or 2x240W.	€	1.153,22
MPU 4240	31078	4 power units and 4 line transformers 70V and 100V, with the possible configurations 4x240W or 2x480W.	€	1.709,94

Power units

Low impedance stereo dual channels

Model	Code	Description		
* SA 2200	10133	Twin channel stereo power amplifier 2x200 Watt into 4 ohm, 400 Watt / 8 ohm bridge connection speakon output connectors	€	715,79
* SA 2300	10134	Twin channel stereo power amplifier 2x300 Watt into 4 ohm, 600 Watt / 8 ohm bridge connection speakon output connectors	€	825,15
* SA 2500	10135	Twin channel stereo power amplifier 2x500 Watt into 4 ohm, 1000 Watt / 8 ohm bridge connection speakon output connectors	€	974,27

Low impedance and 100 V multi-channel power units

Model	Code	Description		
MCA4030	20236	4x30 Watt multi-channel power amplifier with 4 output line transformers, management of emergency conditions.	€	606,43
MCA 4060	14753	4x60 Watt multi-channel power amplifier (4 Ohm output)	€	546,78

Model	Code	Description		
LTU 4060	14763	Unit with 4 line transformers	€	437,43
* MCA2075	21939	2x75 Watt multi-channel power amplifier with 2 output line transformers, management of emergency conditions, 90% of efficiency.	€	715,79
* MCA2150	21940	2x150 Watt multi-channel power amplifier with 2 output line transformers, management of emergency conditions, 90% of efficiency.	€	878,83
* MCA 2240A	17757	2x316 Watt multi-channel power amplifier with 2 output line transformers, management of emergency conditions, 90% of efficiency.	€	1.739,77
MCA 4240A	17758	4x316 Watt multi-channel power amplifier with 4 output line transformers, management of emergency conditions, 90% of efficiency.	€	2.753,80
* RU124	21692	Recovery Unit for automatic switch over a back-up amplifier with one of the two 4-channels amplifier fault.	€	497,08
* RU142	21691	Recovery Unit for automatic switch over a back-up amplifier with one of the four 2-channels amplifier fault.	€	497,08

Racks and accessories

Racks and cabinets

Model	Code	Description		
CM 08	12682	rack container 8 units	€	309,18
CM 12	12681	rack container 12 units	€	333,04
CM 18	12385	rack container 18 units	€	420,53
CM 22	11827	rack container 22 units	€	462,28
CM 26	12669	rack container 26 units	€	504,04
AP 08	12897	Door in plexiglass for rack container 8 units	€	117,31
AP 12	12898	Door in plexiglass for rack container 12 units	€	139,18
AP 18	12667	Door in plexiglass for rack container 18 units	€	178,95
AP 22	12178	Door in plexiglass for rack container 22 units	€	208,77
AP 26	12668	Door in plexiglass for rack container 26 units	€	248,54
PP-A 02	12899	Rear perforated panels for rack	€	18,39
PP-A 08	12900	Rear perforated panels for rack	€	29,82
PP-A 12	12901	Rear perforated panels for rack	€	39,77
AR 12	12902	rack cabinet 12 units	€	800,29
AR 18	12665	rack cabinet 18 units	€	900,70
AR 22	12666	rack cabinet 22 units	€	956,37
AR 36	12903	rack cabinet 36 units	€	1.458,42
AR 40	12904	rack cabinet 40 units	€	1.560,82

Accessories for racks and cabinets

Model	Code	Description		
SO-12	12907	Couple of omega rack strips for AR12	€	51,20
SO-18	12908	Couple of omega rack strips for AR18	€	60,64
SO-22	12909	Couple of omega rack strips for AR22	€	67,60
SA-02	12906	Couple of omega rack strips for AR12	€	18,89
PA-A 01	12905	Front panel perforated 1unit	€	14,91
PC 01	12117	Front panel 1 unit	€	10,94
PC 02	12116	Front panel 2 units	€	13,92
PC 03	12912	Front panel 3 units	€	17,89
RP 02	12913	Internal shelf 2 units	€	39,77
DG 01	12114	Cage nut/washer/screw (pack of 50) - unit price	€	0,80

Music sources

Model	Code	Description		
MS02-CD3/DG	27868	MS02-CD3/DG is a dual music source, built on two sections and each one has a stereo sound output and its own level control. On the back an output is present for the CD and one for the Digital recording Unit. It's also present a REC input to record inside the Digital recording unit. It can be fitted in a rack (1U 19"). - CD player can reproduce audio tracks and MP3 files from a compact disc (CD, CD-R, CD-R/W) - LCD backlit display gives information on the CD and MP3 files - the Digital Voice recorder player can record 99 tracks in the 128MB built in flash memory, or in a SD card, in VOC or in MP3 Mode. - For built-in 128MB flash memory, the total storage time is approx. 120 min - VOC mode (Record from microphone or LINE IN source) or MP3 mode (Download *.mp3 files from PC). EAR connector is present for earphone : USB connector to PC to easily copy MP3 files from computer to the machine through USB connection. SD card is for extended SD memory card up to 1G MB(When use 512 MB SD card, the recording time is available for over 8 hours.) MIC IN : Connect to two microphones	€	666,08
MS02-CD3/T	27867	MS02-CD3/T is a dual music source, built on two sections and each one has a stereo sound output and its own level control. A selector, which is common to both sources, can mix the stereo channels transforming the CD and TUNER output to MONO for applications that do not require a stereo signal. It can be fitted in a rack (1U 19"). - CD player can reproduce audio tracks and MP3 files from a compact disc (CD, CD-R, CD-R/W) or from the USB drive ("Flash" memory-stick with only MP3 files) - The USB port is available on the front panel - LCD backlit display gives information on the CD and MP3 files - I/R remote control included - FM radio tuner (87.5 - 108 MHz) with possibility to memorize your 10 favourite radio stations - LCD backlit display shows the frequency and stations that are in the memory	€	457,31

Music sources

Model	Code	Description		
DT-16	05239	AM/FM digital tuner	€	357,89
CD-05	05377	Multiple CD (5CD) player	€	556,73
CC-02	05238	Double cassette player/recorder	€	606,43
CD-01	05376	Single CD player	€	288,30

Power supply panel

MPS 1016	04693	Power supply panel (16A)	€	127,25
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Amplification equipment

Power Amplifiers

Model	Code	Description		
MPA3120	29408	<ul style="list-style-type: none"> • Booster with rated output power 120W RMS • 3 zones selection or general call with front panel switches • High/low frequencies and general volume controls. • Output LED-Meter in dB. • Signal of the selected music source always available at the MOH 'Music On Hold' (1W/8 ohm) output, for a monitor loudspeaker or for other devices and telephone switchboards. • Two-tones chimes (DIN-DON) with ON/OFF switch and level control. • Electronically balanced line input and output with male and female plugs, to help cascade linking of more units. • Input dedicated to the connection of a private telephone switchboard to send announcements via telephone and/or emergency signals with higher priority. • Priority function with contact. • Output for selected zones • 100V/70V/50V/8 Ω output • 115V/230V voltage selector switch • External DC 24V power supply • Cooling fan, with automatic speed control according to the temperature of the dissipater where the power devices are mounted. • Final stage protection and transformer for constant voltage lines. 	€	301,23

Integrated Amplifiers

Model	Code	Description		
MPA3240	29409	<ul style="list-style-type: none"> • Booster with rated output power 240W RMS • 3 zones selection or general call with front panel switches • High/low frequencies and general volume controls. • Output LED-Meter in dB. • Signal of the selected music source always available at the MOH 'Music On Hold' (1W/8 ohm) output, for a monitor loudspeaker or for other devices and telephone switchboards. • Two-tones chimes (DIN-DON) with ON/OFF switch and level control. • Electronically balanced line input and output with male and female plugs, to help cascade linking of more units. • Input dedicated to the connection of a private telephone switchboard to send announcements via telephone and/or emergency signals with higher priority. • Priority function with contact. • Output for selected zones • 100V/70V/50V/8 Ω output • 115V/230V voltage selector switch • External DC 24V power supply • Cooling fan, with automatic speed control according to the temperature of the dissipater where the power devices are mounted. • Final stage protection and transformer for constant voltage lines. 	€	467,25

Integrated Amplifiers

Model	Code	Description		
MMA3060	29405	<ul style="list-style-type: none"> • Integrated mixing amplifier with rated output power 60W RMS • 2 balanced microphone inputs and 2 MIC/LINE inputs both for dynamic and condenser/electret microphones (Phantom power), with separate level control on the front panel • 2 auxiliary inputs with a selector switch and level control in the front panel • preamplifier output to recorders, audio processors and/or cascade link of another amplifiers. • 3 zones selection or general call with front panel switches • High/low frequencies and general volume controls. • Output LED-Meter in dB. • Signal of the selected music source always available at the MOH 'Music On Hold' (1W/8 ohm) output, for a monitor loudspeaker or for other devices and telephone switchboards. • Two-tones chimes (DIN-DON) with ON/OFF switch and level control. • Electronically balanced line input and output with male and female plugs, to help cascade linking of more units. • Input dedicated to the connection of a private telephone switchboard to send announcements via telephone and/or emergency signals with higher priority. • Priority function with contact. • Output for selected zones • 100V/70V/50V/8 Ω output • 115V/230V voltage selector switch • External DC 24V power supply • Cooling fan, with automatic speed control according to the temperature of the dissipater wh • Final stage protection and transformer for constant voltage lines. 	€	318,13
MMA3120	29406	<ul style="list-style-type: none"> • Integrated mixing amplifier with rated output power 120W RMS • 2 balanced microphone inputs and 2 MIC/LINE inputs both for dynamic and condenser/electret microphones (Phantom power), with separate level control on the front panel • 2 auxiliary inputs with a selector switch and level control in the front panel • preamplifier output to recorders, audio processors and/or cascade link of another amplifiers. • 3 zones selection or general call with front panel switches • High/low frequencies and general volume controls. • Output LED-Meter in dB. • Signal of the selected music source always available at the MOH 'Music On Hold' (1W/8 ohm) output, for a monitor loudspeaker or for other devices and telephone switchboards. • Two-tones chimes (DIN-DON) with ON/OFF switch and level control. • Electronically balanced line input and output with male and female plugs, to help cascade linking of more units. • Input dedicated to the connection of a private telephone switchboard to send announcements via telephone and/or emergency signals with higher priority. • Priority function with contact. • Output for selected zones • 100V/70V/50V/8 Ω output • 115V/230V voltage selector switch • External DC 24V power supply • Cooling fan, with automatic speed control according to the temperature of the dissipater wh • Final stage protection and transformer for constant voltage lines. 	€	379,77

Model	Code	Description		
MMA3240	29407	<ul style="list-style-type: none"> • Integrated mixing amplifier with rated output power 240W RMS • 2 balanced microphone inputs and 2 MIC/LINE inputs both for dynamic and condenser/electret microphones (Phantom power), with separate level control on the front panel • 2 auxiliary inputs with a selector switch and level control in the front panel • preamplifier output to recorders, audio processors and/or cascade link of another amplifiers. • 3 zones selection or general call with front panel switches • High/low frequencies and general volume controls. • Output LED-Meter in dB. • Signal of the selected music source always available at the MOH 'Music On Hold' (1W/8 ohm) output, for a monitor loudspeaker or for other devices and telephone switchboards. • Two-tones chimes (DIN-DON) with ON/OFF switch and level control. • Electronically balanced line input and output with male and female plugs, to help cascade linking of more units. • Input dedicated to the connection of a private telephone switchboard to send announcements via telephone and/or emergency signals with higher priority. • Priority function with contact. • Output for selected zones • 100V/70V/50V/8 Ω output • 115V/230V voltage selector switch • External DC 24V power supply • Cooling fan, with automatic speed control according to the temperature of the dissipater wh • Final stage protection and transformer for constant voltage lines. 	€	546,78

Integrated Amplifiers with Music Sources

Model	Code	Description		
MMA6120-TCD/MP3	29403	<ul style="list-style-type: none"> • Integrated Mixing amplifier with rated power 120W RMS • with 6 independent selectable and adjustable zones • Up to 4 microphones (XLR) and an external line source (cinch) can be connected. • Equipped with the plug-in modules CD/MP3-Player and Tuner. • Beside the precise volume control you can also adjust the intensity of bass and treble for each input. To connect the speakers you can choose between 25 Volt, 70Volt, 100Volt and 8Ohm output. The operational readiness and the output level of the mixer amplifier is shown by a power-LED and a five digit LED-VU-meter. • Signal of the selected music source always available at the MOH 'Music On Hold' (1W/8 ohm) output, for a monitor loudspeaker or for other devices and telephone switchboards. • Different priority settings from simple microphone priorities to the highest priority for emergency calls are completing this powerful mixer amplifier. • A 24 V emergency power input will guarantee the operational readiness in extreme cases, too. A 1-, 2-, or 3-tone chime is already integrated in this mixer amplifier and can be activated by contact. • CD/MP3 Module: Random Play • Repeat Mode Single Track • Repeat Mode Full Disc • Pro • Tuner Module: AM Frequency • FM Frequency • Scan Key for automatic station search • Fr • It's possible to have a paging with a remote selection of the zones for the announcement w 	€	884,80
MMA6240-TCD/MP3	29404	<ul style="list-style-type: none"> • Integrated Mixing amplifier with rated power 240W RMS • with 6 independent selectable and adjustable zones • Up to 4 microphones (XLR) and an external line source (cinch) can be connected. • Equipped with the plug-in modules CD/MP3-Player and Tuner. • Beside the precise volume control you can also adjust the intensity of bass and treble for each input. To connect the speakers you can choose between 25 Volt, 70Volt, 100Volt and 8Ohm output. The operational readiness and the output level of the mixer amplifier is shown by a power-LED and a five digit LED-VU-meter. • Signal of the selected music source always available at the MOH 'Music On Hold' (1W/8 ohm) output, for a monitor loudspeaker or for other devices and telephone switchboards. • Different priority settings from simple microphone priorities to the highest priority for emergency calls are completing this powerful mixer amplifier. • A 24 V emergency power input will guarantee the operational readiness in extreme cases, too. A 1-, 2-, or 3-tone chime is already integrated in this mixer amplifier and can be activated by contact. • CD/MP3 Module: Random Play • Repeat Mode Single Track • Repeat Mode Full Disc • Pro • Tuner Module: AM Frequency • FM Frequency • Scan Key for automatic station search • Fr • It's possible to have a paging with a remote selection of the zones for the announcement w 	€	1.083,63

Integrated amplifiers with music sources				
Model	Code	Description		
JME-2A	18146	Box with power supply for 2 music source modules of Musyca series.	€	334,04
JDM10A	13986	Message digital recorder	€	653,16
AM 5030	11583	Integrated amplifier, two mic inputs, one of wich has priority, 30 Watt power, low impedance 100 V output	€	149,12
MA5120-TCD/MP3	23601	Integrated amplifier 120/180 Watt; 4 micro/line balanced inputs with priority, Phantom Power, CD player with MP3 and digital tuner modules. Chime, 3 output lines, 8 Ohm/25V/70V/100v. Power supply AC 115V/230V, 50/60Hz e DC 24V. Dim. 88x430x385 mm, weight 10.0Kg.	€	725,73
* MA6120T-6CD	23632	Integrated amplifier 120/180 Watt; 4 micro/line balanced inputs with priority, Phantom Power, CD player with 6 CD auto charger and digital tuner modules. Chime, 8 Ohm/25V/70V/100v. Power supply AC 115V/230V, 50/60Hz e DC 24V. Dim. 430x132x310 mm, weight 11Kg.	€	751,58
* MA5240-TCD	18015	Integrated amplifier 240/360 Watt; 4 micro/line balanced inputs with priority, Phantom Power, CD player and digital tuner modules. Chime, 3 output lines, 8 Ohm/25V/70V/100v. Power supply AC 115V/230V, 50/60Hz e DC 24V. Dim. 88x430x385 mm, weight 10.0Kg.	€	944,44
MA5240	19407	Integrated amplifier 240/360 Watt; 4 micro/line balanced inputs with priority, Phantom Power. Chime, 3 output lines, 8 Ohm/25V/70V/100v. Power supply AC 115V/230V, 50/60Hz e DC 24V. Dim. 88x430x385 mm, weight 10.0Kg.	€	646,20
* MA1060M	17844	Integrated amplifier of nom/max power of 60/90 Watt; 2 balanced micro/line inputs, Phantom Power, optional music source modules selectable. 8 OHm/25V/70V/100V output, pre-out, chime. Power supply AC 115V/230V, 50/60Hz e DC 24V. Dim. 88x430x260 mm, weight 8.0Kg.	€	288,30
RMK-5000	18016	Rack mount brackets for amplifiers of MA1000, MA2000 and MA5000 series.	€	7,95
CP-2	18018	Auto reverse cassette player for MA series amplifiers	€	97,43
TM-2	18019	Digital tuner for MA series amplifiers	€	114,33
CD/MP3	23602	CD player with MP3 reader for MA series amplifiers	€	283,33

Speakers, sound projectors, horns, column speakers, attenuators

Metal wall speaker compliant with Voice Alarm Standards

Model	Code	Description		
WS506T/VA	29434	Multi - purpose wall cabinet loudspeaker, designed to be vandal-proof as well as compliant with voice alarm standards. Ideal for environments such as schools, public buildings, car parks, offices etc. The WS506T/VA has also been designed to comply with voice alarm standards world-wide (including BS5839 part 8) which requires that in the event of a fire, the integrity of the entire loudspeaker circuit must not be compromised by one or more loudspeakers failing due to damage by localized flames. That is why the WS506T/VA is fitted with ceramic termination blocks that are capable of withstanding temperatures in excess of 650°C . Internal fire-resistant cable. Twin entry/exit glands to aid simple cabling. 150°C thermal fuses to isolate the individual loudspeaker from the circuit in the event of a localized fire.	€	43,74

Plastic wall speakers

Model	Code	Description		
WSH 1006	29419	Elegant Cabinet Styling, protected by power coated metal mesh, with twin cone speaker. Surface horizontal or vertical mount, ported to enhance bass. This loudspeaker is not only decorative, but sturdy, the curved ABS housings are equipped with line transformer 70V/100V and 5,5" cone loudspeakers which exhibit wide coverage angles. The WSH1006 uses a 6 Watt, twin cone loudspeaker with 153g ferrite magnet. Offering the first serious alternative to conventional wooden wall baffles, the WSH1006 cabinet can be mounted in classrooms, malls, atriums, churches, halls, meeting rooms and other venues, where recessed speaker systems are not practical. The WSH1006 cabinet mounts easily with provided hole cover caps. Frequency response is 100-15KHz, SPL is 98dB at 100V 6W, power taps are 6W/3W, Dim. (LxWxH mm) 312x210x85, net weight 1,4Kg.	€	29,82

Plastic wall and ceiling speakers				
Model	Code	Description		
WCS650	29470	Elegant Cabinet Styling, for wall or ceiling mounting, with twin cone speaker. This loudspeaker circular and decorative, with ABS housings is equipped with line transformer 70V/100V and 6,5" cone loudspeakers which exhibit wide coverage angles. The WCS650 uses a 10 Watt, twin cone loudspeaker with 153g ferrite magnet. Offering the first serious alternative to conventional wooden wall baffles, the WCS650 cabinet can be mounted in classrooms, malls, atriums, churches, halls, meeting rooms and other venues, where recessed speaker systems are not practical. The WCS650 cabinet mounts easily with provided bracket and springs. Frequency response is 80-18KHz, Sensitivity is 93dB, power taps are 2,5/5/10W, Dim. (mm) diam. 265x85, net weight 1Kg.	€	29,82
Plastic wall speakers				
Model	Code	Description		
BLC 550 T	09355	DNH wall-mounted loudspeaker in white ABS, 6 Watt power, 100 V line transformer, 206 x 85 mm	€	95,44
SAFE 10 PT	09356	DNH wall-mounted loudspeaker in self-extinguishing polycarbonate, waterproof IP56, working temperature up to 130 C°, 10 Watt power, 100 V line transformer, 206 x 104 x 55 mm	€	95,44
* WS 1006 A	13092	Wall-mounted loudspeaker in ABS, colour RAL 7035, 6 Watt power, 100 V line transformer, attenuator, 210 x 210 x 85 mm	€	53,68
FPS/5T	18020	Flat panel wall speaker in PVC of white colour, 2 ways, nominal power 20W at 8 Ohm, 6 Watt with 100V line transformer, 5" 1/4 woofer with dome tweeter, frequency reponce 75-20.000 Hz, SPL @1W/1m 87 dB, dim. 184x272x37mm.	€	55,67
ABS recessed wall speakers				
Model	Code	Description		
IW-100T	17859	Recessed wall speaker in ABS, 2 ways, 4" woofer, 1" dome tweeter, nominal power 1/2/4/7.5/15Wrms with 100V line transformer. Frequency reponse 60-20.000Hz, sensitivity @1W/1m of 88dB. Dim. 220x146x66mm, recess hole 195x120mm, weight 1.3Kg.	€	39,77
IW-200TCP	17862	Recessed wall speaker in ABS, 2 ways, 8" woofer, 1" dome tweeter, nominal power 2/4/7.5/15/30Wrms with 100V line transformer. Frequency reponse 40-20.000Hz, sensitivity @1W/1m of 88dB. Dim. 359x256x111mm, recess hole 330x225mm, weight 3Kg.	€	84,50
RB-100	18159	Recess box for loudspeaker IW-100T; external dim. 155x210x70	€	6,96
RB-200	18160	Recess box for loudspeaker IW-200TCP.	€	11,93
DNH loudspeaker for underwater and clean rooms				
Model	Code	Description		
AQUA 30	10436	DNH wall or flush-mounted underwater loudspeaker in ABS graded IP68, 20 Watt 8ohm, 137 x 53 mm	€	795,32
BK 560 CRT	09309	DNH recessed ceiling loudspeaker in aluminium with RAL 9010 with white paint finish, 6 Watt power, 100 V line transformer Ø 165 mm	€	104,39
Ceiling loudspeaker				
Model	Code	Description		
CSL106/T	29427	ABS recessed ceiling speaker, with power coated metal grill, white colour RAL9016, double cone with 5" woofer, nominal power 3W/6Watt with 100V line transformer. Frequency reponse 100-20.000Hz, sensitivity @1W/1m di 93dB+/-3dB, SPL 97dB@100V 3W. Dim. diam. 175x60mm, recess hole 150mm, weight 0.5Kg	€	20,00

Ceiling loudspeaker

Model	Code	Description		
CSL 520TIC	29416	ABS recessed ceiling speaker, with power coated metal grill, iron back cover, white colour RAL9016, coaxial speaker with 5" woofer and 1/2" tweeter , nominal power 2.5/5/10/20W/8Ohm with 100V/70V line transformer. Frequency reponse 100-20.000Hz, sensitivity @1W/1m di 88dB+/-3dB, Dim. diam. 203x145mm, recess hole 170mm, weight 1.8Kg	€	39,77
CSL 630TIC	29417	ABS recessed ceiling speaker, with power coated metal grill, iron back cover, white colour RAL9016, coaxial speaker with 6" woofer and 1/2" tweeter , nominal power 3.8/7.5/15/30W/8Ohm with 100V/70V line transformer. Frequency reponse 90-20.000Hz, sensitivity @1W/1m di 88dB+/-3dB, Dim. diam. 230x150mm, recess hole 200mm, weight 2.3Kg	€	49,71

Ceiling loudspeaker

Model	Code	Description		
CSL 840TIC	29418	ABS recessed ceiling speaker, with power coated metal grill, iron back cover, white colour RAL9016, coaxial speaker with 8" woofer and 1/2" tweeter , nominal power 5/10/20/40W/8Ohm with 100V/70V line transformer. Frequency reponse 50-20.000Hz, sensitivity @1W/1m di 88dB+/-3dB, Dim. diam. 270x185mm, recess hole 240mm, weight 3.1Kg	€	59,65
MCSL006/TW	29425	ABS recessed ceiling speaker, with power coated metal grill, white colour RAL9016, twin cone 2,5" speaker full range , nominal power 1.5/3/6W with 100V/70V line transformer. Frequency reponse 120-20.000Hz, sensitivity @1W/1m di 87dB+/-3dB, Dim. diam. 100x80mm, recess hole 95mm, weight 0.5Kg	€	14,91
MCSL006/TWP	29426	Waterproof IP55 degree in ABS recessed ceiling speaker, with power coated metal grill and ABS back cover with cable glands to assure a good sealing towards cable, in white colour RAL9016, twin cone 4" speaker full range , nominal power 1.5/3/6W with 100V/70V line transformer. Frequency reponse 150-18.000Hz, sensitivity @1W/1m di 91dB+/-3dB, Dim. diam. 140x130mm, recess hole 125mm, weight 0.9Kg	€	19,88
CSL606/TWP	29428	Waterproof IP55 degree in ABS recessed ceiling speaker, CSL606TWP is a speaker designed to be flush-mounted in panels or false ceilings. This speaker is with molded plastic cone, plastic basket and grill RAL 9016 white and these construction characteristics make it corrosion resistant and waterproof. This ceiling speaker is therefore suitable also for outdoor use, on boats, ships and open vehicles, solariums and damp location. The CSL606TWP has a 5" loudspeaker with 1" coaxial tweeter. It has a built-in line transformer that enables direct connection to constant voltage systems at 70 V or 100 V. It is also possible to use the low impedance (8 ohm) socket; in this case, the transformer can be removed, considerably reducing the depth of the speaker. Nominal Power with 100V is 10W and 25W at 8Ohm and maximum 45W. Sensitivity is 90dB @1m/1W, frequency response 95-20KHz. Dim. in mm diam.165x115, recess hole for mounting 122mm. Net weight 0.7Kg.	€	19,88

Recessed loudspeaker compliant with Voice Alarm Standards

Model	Code	Description		
CSL506T/VA	29433	Recessed ceiling loudspeaker, with steel structure with protection metal grill of RAL9003 white colour; completed with fire steel dome, with terminal strip in ceramic material for fire resistant cables, termal fuse at 150°, ground screw, internal cabling with fire retardant cables, double cone speaker of 5", 6 Watt with 100V transformer and power taps 0,75/1,5/3/6W, sensitivity 92dB, frequency response 110-15KHz. Dim. diam. 180x114mm, recess hole for mounting 160mm.net weight 0,9Kg. Compliant with the British Standard BS5839 part 8 for speakers used in alarm message distribution systems.	€	37,78

Miniature recessed loudspeaker

Model	Code	Description		
* MCS1006/TG	14043	Recessed ceiling loudspeakerwith plastic body and metal protection mesh, 6 W power, complete with 100V transformer, gold colour.	€	24,85

DNH metal sound projectors

Model	Code	Description		
* CAP 15 WT	09347	DNH IP 55 waterproof sound projector in white or anodized aluminium, 15 Watt power, 100 V line transformer, Ø 146 x 200 mm	€	228,65

DNH plastic sound projectors

Model	Code	Description		
DP 10 T	09352	DNH IP56 corrosion proof polyamide sound projector with jointed support, wall or ceiling mounting, 10 Watt power, 100 V line trasformer 312 x 210 x 150 mm	€	296,26
DPD 10 T	11818	DNH bi-directional IP56 sound projector in anti-corrosive polyamide, jointed support, wall or ceiling mounting, 10 Watt power, 100 V line trasformer 445 x 210 x 150 mm	€	367,84

DNH fire-resistant sound projectors

Model	Code	Description		
CAR 6 FT	11956	DNH bi-directional sound projector in anodized or with aluminium, fire resistant: 24hours at 15°C, 30 minutes at 750°C, 6 Watt power, 100 V line trasformer 146 x 175 mm	€	263,45

Plastic sounds projectors

Model	Code	Description		
CAD 20 T	11469	Sound projector in ABS with UV ray protection, aluminium bracket, dual cone driver in polypropylene, 20 Watt power, 100 V line transformer, 138 x 200 mm	€	92,46
SP106WP	15810	Waterproof IP44 sound projector, 6W power with 3 power tapping 1.5/3/6W with line transformer 50/70/100V, completed with stainless steel bracket. 5.5" loudspeaker in plastic, with frequency reponse 150-20kHz and SPL@1W/1m di 94dB. Dim. 196,5x150 mm of diameter	€	59,65
SP106B/WP	18069	Waterproof IP44 bidirectional sound projector, 6W power with 3 power tapping 1.5/3/6W with line transformer 50/70/100V, completed with stainless steel bracket. 5.5" loudspeaker in plastic, with frequency reponse 150-20kHz and SPL@1W/1m di 94dB. Dim. 196,5x150 mm of diameter	€	71,58

Metal sounds projectors					
	Model	Code	Description		
*	CELL 10 T	11470	Weatherproof sound projector in aluminium with white paint finish, dual cone loudspeaker in polypropylene, 10 Watt power, 100 V line transformer, 140 x 191 mm	€	109,36
*	CELL20/T	11471	Weatherproof sound projector in aluminium with white paint finish, dual cone loudspeaker in polypropylene, 20 Watt power, 100 V line transformer, 140 x 191 mm	€	124,27

Aluminium sounds projectors					
	Model	Code	Description		
	CESL 10 T	29420	Waterproof IP55 degree sound projector in aluminium with white RAL9016 paint finishing, power coated aluminium grill, twin cone loudspeaker in polypropylene, 2,5W/5W/10W power, 100 V line transformer, sensitivity 91dB +/-3dB, frequency response 130-15KHz, Dim. diam. 138 x 205 mm, net weight 2,2Kg.	€	64,62
	CESL20/T	29421	Waterproof IP55 degree sound projector in aluminium with white RAL9016 paint finishing, power coated aluminium grill, twin cone loudspeaker in polypropylene, 5W/10W/20W power, 100 V line transformer, sensitivity 92dB +/-3dB, frequency response 110-15KHz, Dim. diam. 170 x 252 mm, net weight 2,8Kg.	€	94,44
	CESL 10 T-BIDI	29429	Waterproof bi-directional IP55 degree sound projector in aluminium with white RAL9016 paint finishing, power coated aluminium grill, twin cone loudspeaker in polypropylene, 2,5W/5W/10W power, 100 V line transformer, sensitivity 91dB +/-3dB, SPL 97dB @100V 5W, frequency response 130-15KHz, Dim. diam. 138 x 205 mm, net weight 2,8Kg.	€	69,59

Plastic omnidirectional loudspeakers					
	Model	Code	Description		
*	SF 35 T	10447	Exterior or pendant mounting sphere speaker in white ABS, dispersion angle: 360° horizontal and 180° vertical, 35 Watt power, 100 V line transformer, Ø 293 mm	€	328,07
	GB 820 T	29430	Spherical IP55 speaker in ABS for light suspended installation and is suitable for large areas. It includes a 8" coaxial loudspeaker that can reproduce quality speech and music with excellent speech clarity. Dispersion angle: 360° horizontal and 140° vertical, 20 Watt power, 100 V line transformer, sensitivity 92dB, frequency response 80-18KHz, Ø 254 mm, with 2 mt connection cable, net weight 2,2Kg.	€	66,61

Plastic music horn loudspeakers

	Model	Code	Description		
*	MSH 30 T	10445	Two-way waterproof IP55 horn loudspeaker in ABS, 30 Watt power, 100 V line transformer, 442 x 260 x 287 mm	€	268,42
	MHS 50 T	29431	Two-way waterproof IP66 degree horn loudspeaker in ABS and polypropylene, was designed to reproduce music and voice at high levels, and it's optimized for installation in large outdoor or indoor venues, including athletic fields, country clubs, pools, gyms, and portable use such as street fairs, shows and similar applications. Its smooth, wide frequency response and wide dispersion angle are perfect where full range and high output are desired for music and announcement applications. Mounting hardware is stainless steel, while the light gray ABS housing is treated with UV inhibitors for protection from the sunlight. Sealed with a silicon gasket, the rear housing has a weather tight cable gland-nut that allows for up to 20mm cable size. Mounting is via a versatile bracket for precise aiming and stable support. Rated power is 50W with 100V line transformer, sensitivity 99dB, frequency response 90-20KHz, dim. in mm. 362x252x310, net weight 3,9Kg.	€	146,14

Folded metal horn loudspeakers

	Model	Code	Description		
	HS50 T	29422	Waterproof IP66 circular horn in aluminium, with driver and 100V line transformer, ideal for high level reproduction of both speech and music. Hi-pass filter for protecting driver; IP 66 construction for indoor-outdoor environmental temperature between -25°C to +70°C. Aluminium flare with UV-stabilized self extinguishing ABS rear cover. Colour RAL 7035. Stainless-Steel mounting hardware. Double insulation design. Nominal Power 50W with 100V transformer. Sensitivity 109dB+/-3dB, max SPL 126dB, frequency response 380-6,5KHz, dim. diam. 325mmx350mm, net weight 2,3Kg.	€	109,36

Folded metal and plastic horn loudspeakers

	Model	Code	Description		
	PH 10 T	11474	IP66 weatherproof circular horn in ABS, 10 Watt power, 100 V line transformer, 139 x 200 mm	€	76,55
	PH 20 T	11475	IP66 weatherproof circular horn in ABS, 20 Watt power, 100 V line transformer, 203 x 254 mm	€	86,49
	PH 30 T	10446	IP66 weatherproof circular horn in ABS, 30 Watt power, 100 V line transformer, 238 x 287 mm	€	109,36
*	HD 50 TM	09585	FBT weatherproof circular horn in aluminium, 50 W power, 100 V line transformer	€	447,37

Column speakers

	Model	Code	Description		
	CS 3030 TW	20128	Aluminium sound column speaker, 5x2" speakers, 30 Watt, 100V line transformer. Sensitivity 91dB. Dim. 65x385x74,3mm; weight 1,94Kg.	€	218,71
	CS 3040 TW	20131	Aluminium sound column speaker, 10x2" speakers, 40 Watt, 100V line transformer. Sensitivity 94dB. Dim. 65x653x74,3mm; weight 3,4Kg.	€	297,25
	CS 3060 TW	20129	Aluminium sound column speaker, 15x2" speakers, 60 Watt, 100V line transformer. Sensitivity 96dB. Dim. 65x920x74,3mm; weight 4,63Kg.	€	372,81
	SC-A2	20130	CS3000 series column speakers bracket (pair)	€	9,94
*	CS 2040 TW	14268	Aluminium sound column speaker, 9x3" 1/4 speakers, 40 Watt, 100V line transformer.	€	204,80
*	SC-1 W	00778	Column speaker bracket	€	9,94

Attenuators and accessoiriers				
Model	Code	Description		
AT 1010	13000	Recess attenuator with 100V transformer, 10 Watt, completed with mask. Ready for emergency systems with 3 wires, suitable for wall recess box of A503 type.	€	22,87
ATT0501	17902	Recess attenuator with 100V transformer, 50 Watt, completed with mask. Ready for emergency systems with 3 wires.	€	33,80
ATT 1001	13001	Recess attenuator with 100V transformer, 100 Watt, completed with mask. Ready for emergency systems with 3 wires.	€	44,74
SUB 1000	13542	Recess box for attenuators ATT 1001 and ATT0501	€	11,93

Ceramic connectors and thermal fuse				
Model	Code	Description		
CT	29423	Ceramic connector	€	0,89
TF	29424	Thermal fuse	€	0,80

Loudspeaker cabinets

Loudspeaker cabinets

Model	Code	Description		
		PROJECT speakers have been created and developed in Italy with an exclusive design that distinguish this new family of Audio Contractor cabinets, capable to provide the suitable solution for any loudspeaker installation: their characteristics allow their use in any environment, keeping the same high sound quality. The PROJECT range features a compact two-way system ensuring high power performances, wide dynamics, high-fidelity music reproduction and high speech intelligibility. PROJECT speakers include a built-in support for an easy assembly, making the installation easier, cutting costs and saving time. The exclusive support system designed for PROJECT speakers allows the installer to fit the support to the wall, making the electrical connections in the preinstallation phase; subsequently the speaker cabinet is positioned, oriented in all directions and connected very easily.		
PROJECT 315		Two-way bass reflex loudspeaker cabinet in ABS, NOM/ MAX power 15W/30W, with 100V line transformer with power taps: 1/2/4/7,5/15W/8Ohm. Low frequency woofer is 3,5" and tweeter is 0,5". Frequency response @-10dB is 100Hz-15KHz, sensitivity 85dB, max SPL 100dB, dispersion HxV 120°x120°. Reccommended HP filter 70Hz-24dB/oct. Dim. (WxHxD in mm) 142,50x204,30x162,15.		
PROJECT 315WT	29349	Grey colour RAL7035	€	39,77
PROJECT 315BT	29350	Black colour RAL9005	€	39,77
PROJECT 320		Two-way bass reflex loudspeaker cabinet in ABS, NOM/ MAX power 20W/40W, with 100V line transformer with power taps: 4/8/15/20W/8Ohm. Low frequency woofer is 3,5" and tweeter is 0,5". Frequency response @-10dB is 100Hz-20KHz, sensitivity 87dB, max SPL 103dB, dispersion HxV 120°x120°. Reccommended HP filter 70Hz-24dB/oct. Dim. (WxHxD in mm) 142,50x204,30x162,15.		
PROJECT 320WT	29220	Grey colour RAL7035	€	65,61
PROJECT 320BT	29221	Black colour RAL9005	€	65,61
PROJECT 530		Two-way bass reflex loudspeaker cabinet in ABS, NOM/ MAX power 30W/60W, with 100V line transformer with power taps: 10/15/20/30W/8Ohm. Low frequency woofer is 5,1" and tweeter is 0,75". Frequency response @-10dB is 85Hz-20KHz, sensitivity 87,5dB, max SPL 106dB, dispersion HxV 100°x100°. Reccommended HP filter 55Hz-24dB/oct. Dim. (WxHxD in mm) 167,65x240,36x179,5.		
PROJECT 530WT	29222	Grey colour RAL7035	€	83,51
PROJECT 530BT	29223	Black colour RAL9005	€	83,51
PROJECT 550		Two-way bass reflex loudspeaker cabinet in ABS, NOM/ MAX power 50W/100W, with 100V line transformer with power taps: 15/25/40/50W/8Ohm. Low frequency woofer is 5,1" and tweeter is 1". Frequency response @-10dB is 80Hz-20KHz, sensitivity 89dB, max SPL 109dB, dispersion HxV 100°x100°. Reccommended HP filter 50Hz-24dB/oct. Dim. (WxHxD in mm) 167,65x240,36x179,5.		
PROJECT 550WT	29224	Grey colour RAL7035	€	97,43
PROJECT 550BT	29225	Black colour RAL9005	€	97,43

Model	Code	Description		
PROJECT 640		Two-way bass reflex loudspeaker cabinet in ABS, NOM/ MAX power 40W/80W, with 100V line transformer with power taps: 10/20/30/40W/8Ohm. Low frequency woofer is 6,5" and tweeter is 1". Frequency response @-10dB is 70Hz-20KHz, sensitivity 89dB, max SPL 108dB, dispersion HxV 90°x90°. Recommended HP filter 40Hz-24dB/oct. Dim. (WxHxD in mm) 218,09x312,46x218,70.		
PROJECT 640WT	29226	Grey colour RAL7035	€	105,38
PROJECT 640BT	29227	Black colour RAL9005	€	105,38
PROJECT 660		Two-way bass reflex loudspeaker cabinet in ABS, NOM/ MAX power 60W/120W, with 100V line transformer with power taps: 15/30/45/60W/8Ohm. Low frequency woofer is 6,5" and tweeter is 1". Frequency response @-10dB is 70Hz-20KHz, sensitivity 90dB, max SPL 111dB, dispersion HxV 90°x90°. Recommended HP filter 40Hz-24dB/oct. Dim. (WxHxD in mm) 218,09x312,46x218,70.		
PROJECT 660WT	29228	Grey colour RAL7035	€	131,23
PROJECT 660BT	29229	Black colour RAL9005	€	131,23
PROJECT Sub1180A	29351	The Project Sub1180A model is a small-sized active subwoofer, extremely compact, providing high power. The design delivers high efficiency and generates minimum thermal losses. This subwoofer is particularly useful for portable PA systems for speech and music, as well as for fixed installations. Thanks to frequency, volume and phase tuning, it is especially suitable for the setup with PROJECT satellite speakers. It's equipped with a frequency control that sets the cut-off frequency of the low-pass filter, for a perfect combination with the satellite speaker and also with a phase control by mean of a switch allowing to optimize phase alignment, i.e. to obtain a uniform frequency response in the crossover area between the sub and the satellite. The low frequency woofer is 10" , impedance is 4 Ohm and there is a built-in amplifier of 180Wrms; frequency response @-10dB is 28Hz-180Hz, sensitivity 90dB and maximum SPL 112dB. Dim (WxHxD in mm) 360x450x360.	€	318,13

Loudspeakers

Loudspeakers

Model	Code	Description		
		<p>The new series of STYLE sound speakers combines high quality sound play with innovative design, creating a new concept and a catching look that are able to satisfy several architectural needs. The sound speaker shall no more be hidden, with the risk of affecting the sound quality. Instead, it will be integrated in the environment, combining form and function, acoustics and integration in the environment. The nature itself has inspired this loudspeaker: in the nature the sound spreads to all directions, and, hence, we have developed a speaker that could reproduce a natural sound feeling. The sound diffusion in the nature is 360°, whereas in standard speakers its propagation is conic-shaped and, hence, has a narrow angle.</p> <p>Thanks to the conic-shape of the diaphragm, STYLE sound speakers provide a 360° sound diffusion, reaching even the highest frequencies. The sound diffusion spreads to all directions, keeping the sound natural and accurate even when the volume is very high. Thanks to this new technology you will immediately forget the geometric diffusion you are used to and you will be able to recreate a holographic and three-dimensional sound effect in</p>		
STYLE A40	31150	Recessed ceiling speaker of STYLE line, with the speaker in aluminum FDS100/40, ring in composed material Duroplast Bakalite of white colour RAL9010, impedance 8 Ohm, nominal power 40W rms and music power 90W, sensitivity 1W/1mt is 86,4dB, maximum SPL is 104dB, frequency response 105Hz±20kHz (±3dB). Equipped with push connector, dim. φ180mm x 15mm . Net weight 470gr.	€	124,27
STYLE P80	31151	Suspended speaker of STYLE line, with the speaker in aluminum FDS100/40, body in composed material PC+ABS+Duroplast Fenol of white colour RAL9010, impedance 8 Ohm, nominal power 40W rms and music power 90W, sensitivity 1W/1mt is 86,4dB, maximum SPL is 104dB, frequency response 105Hz±20kHz (±3dB). Equipped with push connector, dim. φ134mm x 135mm and 1mt standard cable with steel cord . Net weight 830gr.	€	208,77
STYLE S80	31152	Wall hanging speaker of STYLE line, with the speaker in aluminum FDS100/40, body in composed material PC+ABS+Duroplast Fenol of white colour RAL9010, impedance 8 Ohm, nominal power 40W rms and music power 90W, sensitivity 1W/1mt is 86,4dB, maximum SPL is 104dB, frequency response 105Hz±20kHz (±3dB). Equipped with push connector, dim. φ134mm x 130mmx220mm. Net weight 1160gr.	€	238,60
TR-20	31011	Line transformer input 4 Ohm and output 100V power tapings 20W/10W/5W/2,5W for loudspeakers STYLE line.	€	19,88

Loudspeaker cabinets STUDIO.PRO

Loudspeaker cabinets and accessories

	Model	Code	Description		
*	STUDIO.PRO4B	19674	Two-way loudspeaker cabinet with enclosure made of gas injection moulded polypropylene, of black RAL 9005 colour, custom 130mm woofer and 25mm high efficiency tweeter, 60 Watt power, 16 ohm impedance, sensitivity 89dB 1W/1m, dimensions(WxHxD) 170 x 275 x 180 mm	€	111,84
*	STUDIO.PRO4W	19673	Two-way loudspeaker cabinet with enclosure made of gas injection moulded polypropylene, of grey RAL 7035 colour, custom 130mm woofer and 25mm high efficiency tweeter, 60 Watt power, 16 ohm impedance, sensitivity 89dB 1W/1m, dimensions(WxHxD) 170 x 275 x 180 mm	€	111,84
*	STUDIO.PRO4WT	19675	Two-way loudspeaker cabinet with enclosure made of gas injection moulded polypropylene, of grey RAL 7035 colour, custom 130mm woofer and 25mm high efficiency tweeter, 50 Watt power, 70-100V line transformer with 4 position volume selector: 3-12,5-25-50W, sensitivity 89dB 1W/1m, dimensions(WxHxD) 170 x 275 x 180 mm	€	141,67
	STUDIO.PRO9B	19678	Two-way loudspeaker cabinet with enclosure made of gas injection moulded polypropylene, of black RAL 9005 colour, custom 200mm woofer and custom 25mm compression tweeter, 120 Watt power, 8 ohm impedance, sensitivity 95,5dB 1W/1m, dimensions(WxHxD) 255 x 415 x 245 mm	€	174,47
	STUDIO.PRO9W	19677	Two-way loudspeaker cabinet with enclosure made of gas injection moulded polypropylene, of grey RAL 7035 colour, custom 200mm woofer and custom 25mm compression tweeter, 120 Watt power, 8 ohm impedance, sensitivity 95,5dB 1W/1m, dimensions(WxHxD) 255 x 415 x 245 mm	€	174,47
	STUDIO.PRO9BT	19680	Two-way loudspeaker cabinet with enclosure made of gas injection moulded polypropylene, of black RAL 9005 colour, custom 130mm woofer and custom 25mm compression tweeter, 80 Watt power, 70-100V line transformer with 4 position volume selector:5W/20W/45W/80W, sensitivity 95,5dB 1W/1m, dimensions(WxHxD) 255 x 415 x 245 mm	€	207,78
	STUDIO.PRO9WT	19679	Two-way loudspeaker cabinet with enclosure made of gas injection moulded polypropylene, of grey RAL 7035 colour, custom 130mm woofer and custom 25mm compression tweeter, 80 Watt power, 70-100V line transformer with 4 position volume selector:5W/20W/45W/80W, sensitivity 95,5dB 1W/1m, dimensions(WxHxD) 255 x 415 x 245 mm	€	207,78
	STUDIO.PRO9BA	19681	Two-way loudspeaker cabinet with enclosure made of gas injection moulded polypropylene, of black RAL 9005 colour, custom 130mm woofer and custom 25mm compression tweeter, built-in amplifiers: 80W rms for the woofer and 20W rms for the HF driver/horn, sensitivity 95dB 1W/1m, ADAP (advanced Dynamic Active Protection) designed to limit amplifier saturation and ensure complete reliability of the system even in extreme conditions, 24dB/oct active filters. Dimensions(WxHxD) 255 x 415 x 245 mm	€	328,07
	STUDIO.PRO14B	19682	Two-way loudspeaker cabinet with enclosure made of gas injection moulded polypropylene, of black RAL 9005 colour, custom 320mm woofer and custom 25mm compression tweeter, 250 Watt power, 8 ohm impedance, sensitivity 98dB 1W/1m, dimensions(WxHxD) 410 x 663 x 387 mm	€	298,25
	STUDIO.PRO14BA	19683	Two-way loudspeaker cabinet with enclosure made of gas injection moulded polypropylene, of black RAL 9005 colour, custom 130mm woofer and custom 25mm compression tweeter, built-in amplifiers: 150W rms for the woofer and 50W rms for the HF driver/horn, sensitivity 98dB 1W/1m, ADAP (advanced Dynamic Active Protection) designed to limit amplifier saturation and ensure complete reliability of the system even in extreme conditions, 24dB/oct active filters. Dimensions(WxHxD) 410 x 663 x 387 mm	€	545,79

Loudspeaker cabinets and accessories

Model	Code	Description		
SJ 4 B	19685	Support with blank ball joint for STUDIO.PRO 4 series speakers, adjustable in all directions, black colour	€	30,82
SJ 4 W	19684	Support with blank ball joint for STUDIO.PRO 4 series speakers, adjustable in all directions, white colour colour	€	30,82
SJ 4U B	19687	Black wall metal U bracket to mount STUDIO.PRO 4 series speakers, black colour	€	16,90
SJ 4U W	19686	Black wall metal U bracket to mount STUDIO.PRO 4 series speakers, white colour	€	16,90
SJ 4C W	19688	White metal frame for ceiling/wall installation	€	12,92
SJ 9 B	19706	Support with blank ball joint for STUDIO.PRO 9 series speakers, adjustable in all directions, black colour	€	47,72
SJ 9 W	19705	Support with blank ball joint for STUDIO.PRO 9 series speakers, adjustable in all directions, white colour colour	€	47,72
SJ 9U B	19708	Black wall metal U bracket to mount STUDIO.PRO 9 series speakers, black colour	€	20,88
SJ 9U W	19707	Black wall metal U bracket to mount STUDIO.PRO 9 series speakers, white colour	€	20,88
SJ 14U B	19709	Black wall metal U bracket to mount STUDIO.PRO 14 series speakers, black colour	€	34,80
ST 22 B	29768	Professional metallic speaker floor stand, adjustable, with safety blocking system, for STUDIO.PRO 9. Max. weight 55 Kg.	€	37,78
ST 32 B	29767	Professional aluminium speaker floor stand	€	53,68

Weather proof Loudspeaker

Weather proof Loudspeakers

Model	Code	Description		
MD60		Two-way bass-reflex loudspeaker cabinet with enclosure made in ABS, of black or white colour, with 100V line transformer or without transformer at 8 Ohm, Rated/Max power 60/100 Watt, frequency response 45Hz-20 kHz, sensitivity 90 dB 1W/1m, maximum SPL 109 dB, directivity factor Q=6,4, dispersion (-6dB) 1kHz/4kHz 110°/55°, Max/Min amb. Temp. 90°C/20°C, termination with screw terminals, IP rating 44, dimensions (WxHxD) 203x335x250, weight 2,9 Kg.		
MD60W	21648	MD60 in white colour, 8 Ohm	€	383,74
MD60B	23727	MD60 in black colour, 8 Ohm	€	383,74
MD60/WT	23119	MD60 in white colour, 100V	€	412,57
MD60/BT	23376	MD60 in black colour, 100V	€	412,57
MD40		Two-way bass-reflex loudspeaker cabinet with enclosure made in ABS, of black or white colour, with 100V line transformer or without transformer at 8 Ohm, Rated/Max power 40/80 Watt, frequency response 60Hz-20 kHz, sensitivity 87 dB 1W/1m, maximum SPL 103 dB, Max/Min amb. Temp. 90°C/20°C, termination with screw terminals, IP rating 44, dimensions (WxHxD) 155x240x226, weight 2,6 Kg.		
MD40W	29307	MD40 in white colour, 8 Ohm	€	300,23
MD40B	29462	MD40 in black colour, 8 Ohm	€	300,23
MD40/WT	29131	MD40 in white colour, 100V	€	355,91
MD40/BT		MD40 in black colour, 100V	€	355,91
GDS-200T/DT	20010	Rock speaker for outdoor applications, Enclosure: PU, System one-way 8-inch dual cone speaker, Basket: steel, Cone: PP, Surround: rubber, with 100V line transformer Rated/Max. power: 40W/50W, Frequency range: 40 to 18,000Hz, Sensitivity (SPL): 90 +/- 2dB (1W/1M), Dimensions (W x H x D): 430 x 295 x 300mm, Weight: 3.6kg	€	203,80

Garden outdoor speakers

Model	Code	Description		
GS20/T	29432	Outdoor speaker that deliver high quality performance over a wide listening area. It's engineered to provide sound quality far beyond that of most outdoor speakers. It's guaranteed to withstand severe weather conditions. It can be placed by the pool, on the patio or in the garden. It can be connected to an existing audio equipment to enjoy exciting stereo sound over a wide listening area. It's designed for permanent outdoor installations and therefore can withstand nature's element, thanks to its shape and its green colour. They blend in with garden greenery, so they're hardly noticeable. And their tested weather resistance means you can leave them outdoors all year. These versatile speakers can be installed on hard surfaces or in the ground. The speaker base is designed for solid and secure placement. GS20/T speaker offers exceptionally broad coverage due to a radial design that enables 360-degree sound dispersion. A rugged, weather-resistant casing can withstand even extreme conditions. Frequency response 80Hz-15.000Hz, sensitivity 95dB+/-3dB, rated power 20W, 100V line transformer, 4" woofer, ABS green colour, dim. (mm) diam. 215x245,	€	89,47

Mobile amplification

Megaphones

Model	Code	Description		
MG 10	11584	6 Watt megaphone with 0,5 Km capacity in enviroments with average noise levels	€	74,56
MG 25	11585	25 Watt megaphone with 1Km capacity in enviroments with average noise levels	€	94,44