



AutoVoice
- only what you need to know



AutoVoice voice alarm system

getting the message across in plain language

Alarm bells and sirens only provide a warning signal. They cannot give information if the situation is a drill or a real incident, type or location of incident, and what they should do.

Clear and concise information

AutoVoice provides clear, concise information without the use of confusing and often frightening alarm bells and sirens. Our voice-alarm systems use PA (public address) technology to alert members of the public as to what the problem is and what action they need to take. A pleasant-yet-firm pre-recorded voice is broadcast over a speaker system – this can, if necessary, be replaced with live broadcast – giving clear and precise information to the public.

People will be able to distinguish drills or tests from real incidents. If an incident should occur, the public will be guided to the nearest available exit, at a safe distance from the incident itself.

Voice alarm can be integrated into the fire detection system or delivered as a stand-alone unit.

AutoVoice BR-200


AutoVoice BR-200 has all of the advanced features of a voice alarm system and a PA system. The system is module based and is fully programmable. This means that BR-200 can be tailored to specific, detailed requirements, including complete configuration of PA functionality. The system can be delivered with detailed configuration including speaker sensitivity and customer specified messages.

In large systems, AutoVoice BR-200 can be installed as a distributed system with networked communication between several panels. Rittal cabinets available on request.




Technical specifications:

- Unlimited numbers of loudspeaker zones, which can be divided into several circuits
- No upper limit to amplifier capacity
- Standard zone selection or zone group selection via panel front
- Up to 128 panel fronts and/or paging microphones with zone selection
- 4-channel technology allowing different messages to be broadcast to different zones simultaneously
- Flash memory for storage of an unlimited number of messages, both digital and analogue messages
- Automatic monitoring and troubleshooting for amplifiers, loudspeaker circuits, modules and panels
- Paging microphones with/without zone selection
- Optional connection to stand-by amplifier in the unlikely event of system failure
- Module based, extensible system
- Can be re-configured post installation

Panels and cabinets

Image	Part number	Description
	116-BR-210/01.1	Operator panel, max. 14 zone groups, with fireman's microphone
	116-BR-210/02.1	Operator panel, max. 6 zone groups, with fireman's microphone
	116-BRG-APS440	Input unit for remote connection, aluminium, horizontal

Microphones and consoles

Image	Part number	Description
	116-BRG-APS308.1	Digital microphone, 8 buttons/functions
	116-BRG-APS308.1EV	Digital microphone for evacuation system, 8 buttons/functions
	116-BRG-APS316.1	Digital microphone, 16 buttons/functions
	116-BRG-APS316.1EV	Digital microphone for evacuation system, 16 buttons/functions
	116-BRG-APS324.1	Digital microphone, 24 buttons/functions
	116-BRG-APS324.1EV	Digital microphone for evacuation system, 24 buttons/functions

Amplifiers

Image	Part number	Description
	116-BRG-BO-CD-150-EV	Digital amplifier class D, 150 W
	116-BRG-BO-CD-150-2-EV	Digital amplifier class D, 2 x 150 W
	116-BRG-BO-CD-250-EV	Digital amplifier class D, 250 W
	116-BRG-BO-CD-250-2-EV	Digital amplifier class D, 2 x 250 W




APS modules

Image	Part number	Description
	116-BRG-APS01	Input for MIC/AUX
	116-BRG-APS04	Input for remote control (APS-450)
	116-BRG-APS16.2	Input for digital microphone and panel
	116-BRG-APS19.2	Flash memory, MP3, 32 messages x 1MB
	116-BRG-APS24.1	Digital Message / Advertisement Player. Digital message player for time controlled playback of audio files.
	116-BRG-APS31.1	Output module 0 dB
	116-BRG-APS37	Digital signal processing module
-	116-BRG-SW37ANS	Ambient Noise Sensing
-	116-BRG-SW37DY	Delay
-	116-BRG-SW37EQ	Equalizer
-	116-BRG-SW37FBR	Feedback Reducer

APS modules (cont.)

Image	Part number	Description
	116-BRG-APS50	Switching/Control unit, 8 buttons
	116-BRG-APS52	Input unit, 8 contacts
	116-BRG-APS53-SEC-24-V	Input unit, 4 inputs
	116-BRG-APS59.1LAN(4)	Communication unit, LAN
	116-BRG-APS62.1	Output unit, 2 loudspeaker circuits
	116-BRG-APS64.1	Output unit, 4 loudspeaker circuits
	116-BRG-APS75	Output unit, 4 relay outputs
	116-BRG-APS90.2	Internal power supply unit 2 A, 230 V / 48 V

APS modules (cont.)

Image	Part number	Description
	116-BRG-APS177.2EV	Master network surveillance module
	116-BRG-APS177.2-EVLAN	Master network surveillance module for LAN communication
	116-BRG-APS178-16EV	Loudspeaker monitoring unit, 16 zones, uninterruptible
	116-BRG-APS178-32EV	Loudspeaker monitoring unit, 32 channels
	116-BRG-APS990	CPU unit
	116-BRG-APS990EQ	CPU unit for EQ systems

AutoVoice BR-45




AutoVoice BR-45 is a compact voice alarm system. This device is suited to small-to-medium-sized applications.

The panel is pre-configured, and is delivered complete with amplifiers, loudspeaker outputs, firefighter's microphone, back-up power supply and all necessary functionality for voice warning. The unit is delivered with an input for a music source and a microphone (which can be used for public address).

BR-45 has been developed for the European market, and has the relevant approvals including monitoring according to BS-5839.8, the toughest European norm in relation to voice alarm systems.

Technical specifications:



- Monitored 2 x 150 W amplifier
- Monitored 1 x 150 W "hot-standby" amplifier
- 4 monitored loudspeaker circuits
- 8 messages stored on monitored EEPROM
- Monitored firefighter's microphone with zone selection
- Manual control of pre-recorded messages
- Monitored external message activation
- Input for music source
- Input for external equipment 0-100 V
- Input for microphone with zone selection
- Approved acc. to EN 54-16

Image	Part number	Description
	116-BR-45	Compact voice alarm system, complete
	116-BR-210/45	Operator panel for BR-45
–	116-BRG-MC46	Adapter for 19" rack, 6U
	116-BRG-APS305.1-C6	Digital microphone with zone selection

Loudspeakers – both systems

Image	Part number	Description	Max. output (W)	dB 1W/1m (SPL)	Frequency (Hz)	Dimensions (mm)	Outdoor use	HiFi	ABS plastic	Aluminium	MDF
	116-BBR-DAL165/10PP	Cabinet speaker, EN 54 approved	10	100,6	225 - 22 200	170 x 75				•	
	116-BBR-WAL165/6PP	Cabinet speaker, EN 54 approved	6	98,2	140 - 19 700	253 x 193 x 83					•
	116-BBR-CP66/T	Cabinet speaker	6	88	180 - 18 000	270			•		
	116-BBR-DEL130/6PP	Ceiling speaker, EN 54 approved	6	99,2	310 - 14 800	180 x 130				•	
	116-BBR-DELF165/6PP	Ceiling speaker, EN 54 approved	6	100,7	380 - 22 500	220 x 110				•	
	116-BBR-GM3303EV	Ceiling speaker	8	89,2	125 - 20 000	200			•		
	116-BBR-GM3313EV	Ceiling speaker	8	90,7	80 - 20 000	230			•		
	116-BBR-DAW130/10PP	Projector speaker	10	94,3	125 - 20 000	140 x 200				•	
	116-BBR-DAW130/20PP	Projector speaker	20	108,1	130 - 20 400	140 x 365				•	
	116-BBR-DK-10/TPP	Horn speaker, EN 54 approved	10	106	380 - 9 000	142 x 207	•		•		
	116-BBR-DK-15/TPP	Horn speaker, EN 54 approved	15	108	460 - 9 000	208 x 272	•		•		
	116-BBR-DK-30/TPP	Horn speaker, EN 54 approved	30	110	400 - 7 500	238 x 302	•		•		

Loudspeakers – both AutoVoice systems (cont.)

Image	Part number	Description	Max. output (W)	dB 1W/1m (SPL)	Frequency (Hz)	Dimensions (mm)	Outdoor use	HIFI	ABS plastic	Aluminium	MDF
	116-BBR-DK-MH30/T-EN54	Music horn speaker, EN 54 approved	30	110,1	80 - 14 000	370 x 255 x 291	•		•		
	116-BBR-DK-10/T	Horn speaker	10	111,2	430 - 8 800	142 x 207	•		•		

Miscellaneous

Part number	Description
116-BRG-GM1880	Cover volume control
116-BRG-GZ928	Data cable for digital microphones and panel
116-BRG-MC03	Cassette for 8 modules
116-BRG-MC42	Adapter for 19" rack 2U
116-BRG-MC43	Adapter for 19" rack 3U