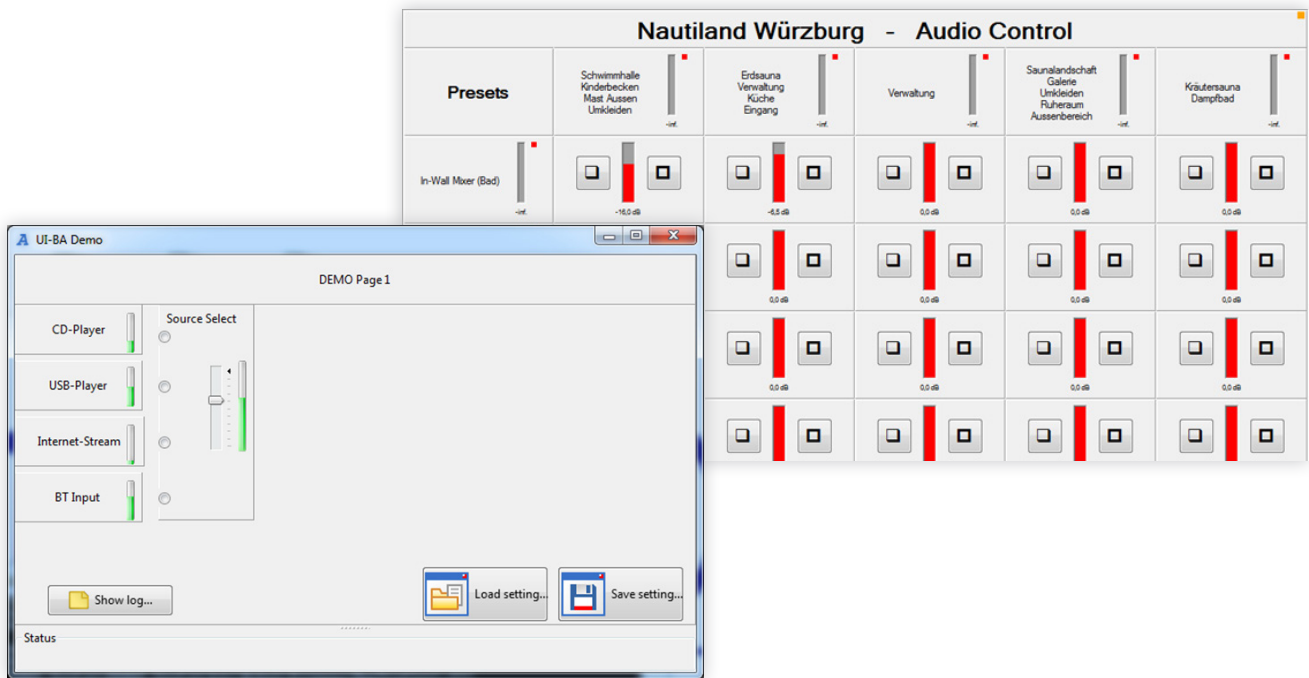


UI-BA

User-Interface – Project specific



APPLICATION

- Public Address
- Background Music
- Voice Alarm

AREA OF USE

- Health
- Education
- Retail
- Hospitality
- Stadiums
- Transportation
- Theme parks
- Military

OVERVIEW

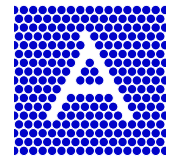
The project specific user interface UI-BA is used for controlling an AUDEMO-SYSTEMS audio system by use of a Windows PC. In most of the cases, the user requirements are so specific that a standard user interface cannot fulfill all requirements. Therefore it is possible to get a project specific user interface. The user interface is running within a PC with Windows operating system (starting from Windows 7 to actual windows version).

The PC can be operated with a standard monitor, keyboard, and mouse or with a touch monitor (requires Windows 10 or later).

The communication to the AUDEMO-SYSTEMS audio-system is done by an Ethernet-connection.

The user interface allows following standard functions:

- Control the volume of one or more input channels
- Control the volume of one or more output channels
- Control the volume of one or more matrix points (input to output matrix)
- Select an input source
- Start predefined messages
- Show system warnings or errors
- Show system log
- Change time events
- Size and color of control elements are widely adaptable to the requirements of the user.
- And even more...



EXAMPLE OF A SYSTEM LOG

DataComplete	Category	Timestamp	Message	Dev.Address	EventID
0	Info	10.03.2023 02:21:30	trigger 11 raise	00:0A:FF	0x00008017
0	Info	10.03.2023 02:21:31	trigger 11 reset	00:0A:FF	0x00008018
0	Info	10.03.2023 10:41:43	ResetByPO	00:0A:FF	0x00000001
0	Info	10.03.2023 10:41:43	ResetByEXT	00:0A:FF	0x00000002
0	Info	10.03.2023 10:42:05	ResetByPO	00:0A:FF	0x00000001
0	Info	10.03.2023 10:42:05	ResetByEXT	00:0A:FF	0x00000002
0	Info	10.03.2023 10:50:46	trigger 11 raise	00:0A:FF	0x00008017
0	Info	10.03.2023 10:50:58	trigger 11 reset	00:0A:FF	0x00008018
0	Info	10.03.2023 10:51:02	trigger 14 raise	00:0A:FF	0x0000801D
0	Info	10.03.2023 10:53:28	trigger 11 raise	00:0A:FF	0x00008017

EXAMPLE OF A TIME EVENT LIST

DataComplete	Enabled	EventName	S Year	S Mon	S Day	E Year	E Mon	E Day	S Hour	S Min	S Sec	E Hour	E Min	E Sec
0	<input checked="" type="checkbox"/>	Event 1	2023	01	01	2100	12	31	08	00	00	08	00	00
0	<input checked="" type="checkbox"/>	Event 2	2023	01	01	2100	12	31	09	00	00	09	00	00
0	<input checked="" type="checkbox"/>	Event 3	2023	01	01	2100	12	31	12	00	00	12	00	00
0	<input type="checkbox"/>		2023	01	01	2100	12	31	00	00	00	00	00	00
0	<input type="checkbox"/>		2023	01	01	2100	12	31	00	00	00	00	00	00

TECHNICAL SPECIFICATIONS:

Project Specific User-Interface (UI-BA)

Required Hardware	Standard PC
Required operating system	Microsoft Windows W7 to W11
Required human interface	Keyboard and mouse or touch screen (W10 or higher)
Number of control elements	Virtual unlimited, limited by used hardware and operating system
Number of control pages	Virtual unlimited, limited by used hardware and operating system
Communication port	Ethernet 100 Mbit/s
Communication protocol	AUDEMO-NET
Operating structure	Adopted to user requirements

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