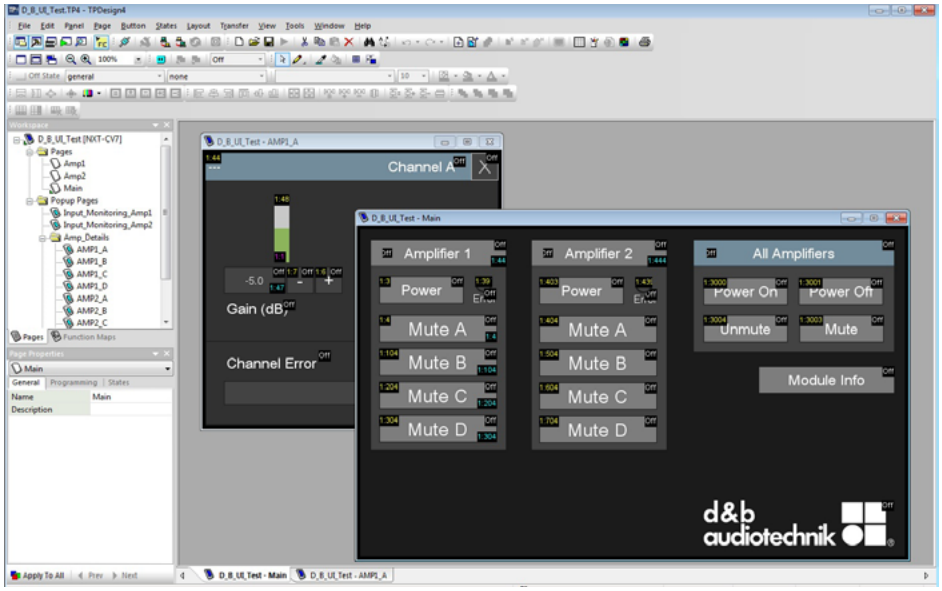
Fact sheet

d&b system integration with AMX® media control.

Full integration of d&b systems into the control domain of customized permanently installed sound reinforcement systems

Key to modern AV and performance audio installations is the combination of sonic excellence with extensive and fully customizable functionality. A permanently installed loudspeaker system must integrate with existing infrastructure, offer a seamless user interface, and provide neutral sound reinforcement for speech and music.

AMX is a media control network solution for monitoring, managing and controlling meeting spaces and building automation such as A/V, lighting, IT and security. The complete system works homogenously, enabling the user to monitor, manage, and control everything from one platform. A system consists of different devices including management processors, I/Os, switchers, touch screens and panels to manage custom solutions.



AMX TPDesign software

In combination with AMX media control, a d&b loudspeaker system is the ideal solution for any permanent installation demanding the highest audio performance and fully customizable remote control capabilities, regardless of the size, shape or scale of the project.

The d&b AMX module can provide access to d&b amplifier parameters such as Gain and Mute status, recall AmpPresets or change the Power On/Off status. It also reads several types of information from the amplifiers including Input monitoring, Load monitoring and amplifier status.

The AMX framework enables system integrators to define their own custom graphical user interface (GUI) in the TPDesign software. By means of NetLinx Studio the GUI controls can be connected to d&b audiotechnik amplifiers via Ethernet. The direct communication with the amplifiers is handled by the d&b communication module. It has to be included in the NetLinx program that serves as an interface to the GUI.

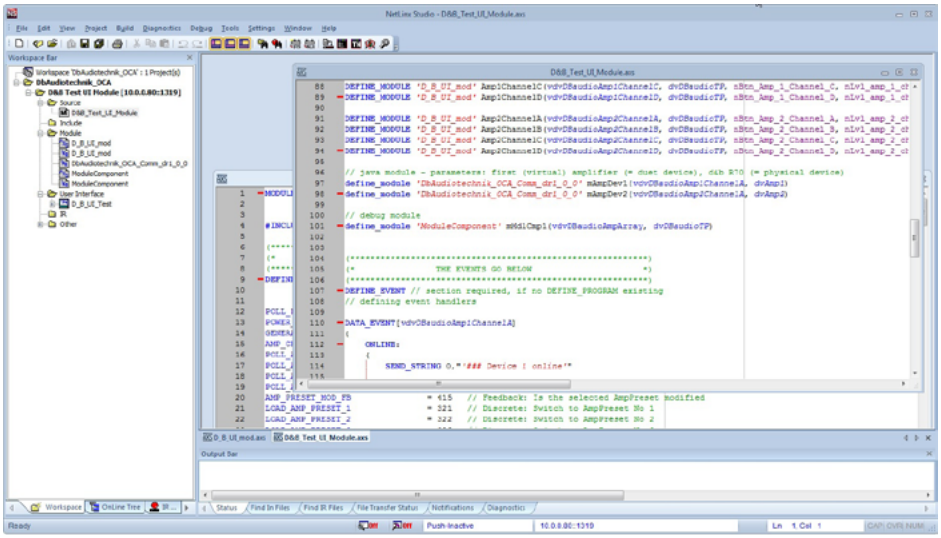
Example project with custom user interface

The AMX framework enables system integrators to define their own custom user interface. By means of the d&b AMX module, the user interface can be connected to the installation specific 10D and 30D amplifiers, as well as D20 and D80 amplifiers, and access them via the AMX control network domain.

Input monitoring

Channel status

d&b audiotechnik



AMX NetLinx® Studio software

With the flick of a switch, a normally unattended audio system intended for natural speech reproduction - with the highest intelligibility - can become a full blooded loudspeaker system for music and live program reproduction fulfilling every concert and performance expectation.

Conferences, houses of worship, education and corporate auditoriums, commercial spaces and governments all demand the highest performance, intelligibility, flexibility and ease of operation.

To improve the level and tonal balance of d&b line arrays even further, the optional ArrayProcessing feature within the d&b ArrayCalc simulation software applies powerful processing to optimize the spatial and spectral performance of a line array over the entire audience area. The AP slot can be changed through defined AmpPresets to adapt the performance of the system according to the requirements of the actual situation. Different ArrayProcessing slots can be preprogrammed to change the processing emphasis for maximum SPL and system headroom, or for the best match of target level distribution and frequency response.

The acoustical distribution of the audio system becomes configurable to the individual requirements and the emotional character of the event, while ease of operation enables users to select the system operating mode via tailored user interfaces.

The d&b control module for AMX as well as detailed technical information, is available to download from www.dbaudio.com.

> Conferences
> Houses of Worship
> Education
> Corporate
> Commercial
> Government